

(* mean, variance,

skewness and kurtosis for unbounded metalog with up to 16 terms *)

(* for fewer terms, set higher order a-coefficients to zero *)

(* mean *)

$$a_1 + \frac{10\,080 a_3 + 1\,680 a_5 + 1\,680 a_8 + 252 a_9 + 322 a_{12} + 45 a_{13} + 66 a_{16}}{20\,160}$$

(* variance *)

$$\begin{aligned} & \frac{1}{3} \pi^2 a_2^2 + \frac{a_3^2}{12} + \frac{1}{36} \pi^2 a_3^2 + a_2 a_4 + \frac{a_4^2}{12} + \frac{a_3 a_5}{12} + \frac{a_5^2}{180} + \frac{2 a_2 a_6}{3} + \frac{1}{18} \pi^2 a_2 a_6 + \frac{a_4 a_6}{6} + \frac{a_6^2}{12} + \frac{1}{240} \pi^2 a_6^2 + \\ & \frac{a_2 a_7}{6} + \frac{a_4 a_7}{40} + \frac{23 a_6 a_7}{720} + \frac{a_7^2}{448} + \frac{a_3 a_8}{12} + \frac{1}{120} \pi^2 a_3 a_8 + \frac{13 a_5 a_8}{720} + \frac{a_8^2}{80} + \frac{\pi^2 a_8^2}{1344} + \frac{7 a_3 a_9}{360} + \\ & \frac{a_5 a_9}{420} + \frac{a_8 a_9}{224} + \frac{a_9^2}{3600} + \frac{a_2 a_{10}}{6} + \frac{1}{120} \pi^2 a_2 a_{10} + \frac{23 a_4 a_{10}}{720} + \frac{7 a_6 a_{10}}{180} + \frac{1}{672} \pi^2 a_6 a_{10} + \\ & \frac{11 a_7 a_{10}}{1680} + \frac{409 a_{10}^2}{90\,720} + \frac{\pi^2 a_{10}^2}{6912} + \frac{23 a_2 a_{11}}{720} + \frac{a_4 a_{11}}{224} + \frac{11 a_6 a_{11}}{1680} + \frac{a_7 a_{11}}{1152} + \frac{563 a_{10} a_{11}}{403\,200} + \frac{a_{11}^2}{11\,264} + \\ & \frac{11 a_3 a_{12}}{480} + \frac{1}{672} \pi^2 a_3 a_{12} + \frac{47 a_5 a_{12}}{12\,096} + \frac{1153 a_8 a_{12}}{181\,440} + \frac{\pi^2 a_8 a_{12}}{3456} + \frac{67 a_9 a_{12}}{67\,200} + \frac{461 a_{12}^2}{580\,608} + \\ & \frac{\pi^2 a_{12}^2}{33\,792} + \frac{29 a_3 a_{13}}{6720} + \frac{a_5 a_{13}}{2016} + \frac{59 a_8 a_{13}}{57\,600} + \frac{3 a_9 a_{13}}{24\,640} + \frac{499 a_{12} a_{13}}{2\,128\,896} + \frac{9 a_{13}^2}{652\,288} + \frac{7 a_2 a_{14}}{180} + \\ & \frac{1}{672} \pi^2 a_2 a_{14} + \frac{11 a_4 a_{14}}{1680} + \frac{409 a_6 a_{14}}{45\,360} + \frac{\pi^2 a_6 a_{14}}{3456} + \frac{563 a_7 a_{14}}{403\,200} + \frac{47 a_{10} a_{14}}{22\,400} + \frac{\pi^2 a_{10} a_{14}}{16\,896} + \\ & \frac{1627 a_{11} a_{14}}{5\,322\,240} + \frac{13\,063 a_{14}^2}{53\,222\,400} + \frac{\pi^2 a_{14}^2}{159\,744} + \frac{11 a_2 a_{15}}{1680} + \frac{a_4 a_{15}}{1152} + \frac{563 a_6 a_{15}}{403\,200} + \frac{a_7 a_{15}}{5632} + \frac{1627 a_{10} a_{15}}{5\,322\,240} + \\ & \frac{a_{11} a_{15}}{26\,624} + \frac{88\,069 a_{14} a_{15}}{1\,291\,530\,240} + \frac{a_{15}^2}{245\,760} + \frac{521 a_3 a_{16}}{90\,720} + \frac{\pi^2 a_3 a_{16}}{3456} + \frac{49 a_5 a_{16}}{57\,600} + \frac{313 a_8 a_{16}}{201\,600} + \\ & \frac{\pi^2 a_8 a_{16}}{16\,896} + \frac{851 a_9 a_{16}}{3\,801\,600} + \frac{257 a_{12} a_{16}}{665\,280} + \frac{\pi^2 a_{12} a_{16}}{79\,872} + \frac{69\,193 a_{13} a_{16}}{1\,291\,530\,240} + \frac{34\,847 a_{16}^2}{741\,312\,000} + \frac{\pi^2 a_{16}^2}{737\,280} \end{aligned}$$

(* skewness -- not standardized *)

$$\begin{aligned} & \pi^2 a_2^2 a_3 + \frac{1}{24} \pi^2 a_3^3 + \frac{1}{2} a_2 a_3 a_4 + \frac{1}{6} \pi^2 a_2 a_3 a_4 + \frac{1}{8} a_3 a_4^2 + a_2^2 a_5 + \frac{1}{24} a_3^2 a_5 + \frac{1}{180} \pi^2 a_3^2 a_5 + \\ & \frac{1}{4} a_2 a_4 a_5 + \frac{1}{60} a_4^2 a_5 + \frac{1}{120} a_3 a_5^2 + \frac{a_3^3}{3780} + \frac{1}{2} a_2 a_3 a_6 + \frac{5}{12} \pi^2 a_2 a_3 a_6 + \frac{1}{4} a_3 a_4 a_6 + \frac{1}{40} \pi^2 a_3 a_4 a_6 + \\ & \frac{1}{3} a_2 a_5 a_6 + \frac{1}{90} \pi^2 a_2 a_5 a_6 + \frac{13}{240} a_4 a_5 a_6 + \frac{1}{8} a_3 a_6^2 + \frac{1}{24} \pi^2 a_3 a_6^2 + \frac{3}{80} a_5 a_6^2 + \frac{1}{840} \pi^2 a_5 a_6^2 + \\ & \frac{1}{4} a_2 a_3 a_7 + \frac{1}{40} \pi^2 a_2 a_3 a_7 + \frac{7}{120} a_3 a_4 a_7 + \frac{13}{240} a_2 a_5 a_7 + \frac{1}{140} a_4 a_5 a_7 + \frac{11}{160} a_3 a_6 a_7 + \\ & \frac{1}{224} \pi^2 a_3 a_6 a_7 + \frac{47 a_5 a_6 a_7}{4032} + \frac{29 a_3 a_7^2}{4480} + \frac{a_5 a_7^2}{1344} + \frac{3}{4} a_2^2 a_8 + \frac{1}{6} \pi^2 a_2^2 a_8 + \frac{1}{24} a_3^2 a_8 + \frac{41 \pi^2 a_3^2 a_8}{1440} + \\ & \frac{1}{4} a_2 a_4 a_8 + \frac{1}{40} \pi^2 a_2 a_4 a_8 + \frac{13}{480} a_4^2 a_8 + \frac{13}{480} a_3 a_5 a_8 + \frac{1}{420} \pi^2 a_3 a_5 a_8 + \frac{11 a_5^2 a_8}{5040} + \frac{1}{3} a_2 a_6 a_8 + \\ & \frac{59}{720} \pi^2 a_2 a_6 a_8 + \frac{3}{40} a_4 a_6 a_8 + \frac{1}{224} \pi^2 a_4 a_6 a_8 + \frac{23}{480} a_6^2 a_8 + \frac{59 \pi^2 a_6^2 a_8}{6720} + \frac{3}{40} a_2 a_7 a_8 + \end{aligned}$$

$$\begin{aligned}
& \frac{1}{224} \pi^2 a_2 a_7 a_8 + \frac{3}{224} a_4 a_7 a_8 + \frac{1153 a_6 a_7 a_8}{60480} + \frac{\pi^2 a_6 a_7 a_8}{1152} + \frac{59 a_7^2 a_8}{38400} + \frac{3}{160} a_3 a_8^2 + \frac{89 \pi^2 a_3 a_8^2}{13440} + \\
& \frac{251 a_5 a_8^2}{60480} + \frac{\pi^2 a_5 a_8^2}{4032} + \frac{a_8^3}{448} + \frac{59 \pi^2 a_8^3}{115200} + \frac{1}{4} a_2^2 a_9 + \frac{1}{60} a_3^2 a_9 + \frac{1}{840} \pi^2 a_3^2 a_9 + \frac{7}{120} a_2 a_4 a_9 + \\
& \frac{1}{280} a_4^2 a_9 + \frac{5 a_3 a_5 a_9}{1008} + \frac{a_5^2 a_9}{4200} + \frac{11}{120} a_2 a_6 a_9 + \frac{1}{420} \pi^2 a_2 a_6 a_9 + \frac{3}{224} a_4 a_6 a_9 + \frac{629 a_6^2 a_9}{60480} + \\
& \frac{\pi^2 a_6^2 a_9}{3600} + \frac{3}{224} a_2 a_7 a_9 + \frac{1}{600} a_4 a_7 a_9 + \frac{67 a_6 a_7 a_9}{22400} + \frac{9 a_7^2 a_9}{49280} + \frac{559 a_3 a_8 a_9}{60480} + \frac{\pi^2 a_3 a_8 a_9}{1800} + \\
& \frac{43 a_5 a_8 a_9}{33600} + \frac{1}{768} a_8^2 a_9 + \frac{3 \pi^2 a_8^2 a_9}{49280} + \frac{a_3 a_9^2}{1400} + \frac{19 a_5 a_9^2}{277200} + \frac{9 a_8 a_9^2}{49280} + \frac{a_9^3}{156000} + \frac{1}{4} a_2 a_3 a_{10} + \\
& \frac{1}{12} \pi^2 a_2 a_3 a_{10} + \frac{11}{160} a_3 a_4 a_{10} + \frac{1}{224} \pi^2 a_3 a_4 a_{10} + \frac{3}{40} a_2 a_5 a_{10} + \frac{1}{420} \pi^2 a_2 a_5 a_{10} + \\
& \frac{47 a_4 a_5 a_{10}}{4032} + \frac{19}{240} a_3 a_6 a_{10} + \frac{39 \pi^2 a_3 a_6 a_{10}}{2240} + \frac{131 a_5 a_6 a_{10}}{7560} + \frac{\pi^2 a_5 a_6 a_{10}}{2016} + \frac{521 a_3 a_7 a_{10}}{30240} + \\
& \frac{\pi^2 a_3 a_7 a_{10}}{1152} + \frac{49 a_5 a_7 a_{10}}{19200} + \frac{23}{240} a_2 a_8 a_{10} + \frac{59 \pi^2 a_2 a_8 a_{10}}{3360} + \frac{1153 a_4 a_8 a_{10}}{60480} + \frac{\pi^2 a_4 a_8 a_{10}}{1152} + \\
& \frac{29 a_6 a_8 a_{10}}{1120} + \frac{171 \pi^2 a_6 a_8 a_{10}}{44800} + \frac{313 a_7 a_8 a_{10}}{67200} + \frac{\pi^2 a_7 a_8 a_{10}}{5632} + \frac{629 a_2 a_9 a_{10}}{30240} + \frac{\pi^2 a_2 a_9 a_{10}}{1800} + \\
& \frac{67 a_4 a_9 a_{10}}{22400} + \frac{13 a_6 a_9 a_{10}}{2688} + \frac{3 \pi^2 a_6 a_9 a_{10}}{24640} + \frac{851 a_7 a_9 a_{10}}{1267200} + \frac{167 a_3 a_{10}^2}{15120} + \frac{757 \pi^2 a_3 a_{10}^2}{403200} + \\
& \frac{7331 a_5 a_{10}^2}{3628800} + \frac{\pi^2 a_5 a_{10}^2}{19008} + \frac{48911 a_8 a_{10}^2}{14515200} + \frac{281 \pi^2 a_8 a_{10}^2}{665280} + \frac{4313 a_9 a_{10}^2}{7603200} + \frac{\pi^2 a_9 a_{10}^2}{74880} + \frac{11}{160} a_2 a_3 a_{11} + \\
& \frac{1}{224} \pi^2 a_2 a_3 a_{11} + \frac{29 a_3 a_4 a_{11}}{2240} + \frac{47 a_2 a_5 a_{11}}{4032} + \frac{1}{672} a_4 a_5 a_{11} + \frac{521 a_3 a_6 a_{11}}{30240} + \frac{\pi^2 a_3 a_6 a_{11}}{1152} + \\
& \frac{49 a_5 a_6 a_{11}}{19200} + \frac{97 a_3 a_7 a_{11}}{33600} + \frac{a_5 a_7 a_{11}}{3168} + \frac{1153 a_2 a_8 a_{11}}{60480} + \frac{\pi^2 a_2 a_8 a_{11}}{1152} + \frac{59 a_4 a_8 a_{11}}{19200} + \\
& \frac{313 a_6 a_8 a_{11}}{67200} + \frac{\pi^2 a_6 a_8 a_{11}}{5632} + \frac{69 a_7 a_8 a_{11}}{98560} + \frac{67 a_2 a_9 a_{11}}{22400} + \frac{9 a_4 a_9 a_{11}}{24640} + \frac{851 a_6 a_9 a_{11}}{1267200} + \\
& \frac{a_7 a_9 a_{11}}{12480} + \frac{1129 a_3 a_{10} a_{11}}{268800} + \frac{\pi^2 a_3 a_{10} a_{11}}{5632} + \frac{3359 a_5 a_{10} a_{11}}{5913600} + \frac{19933 a_8 a_{10} a_{11}}{17740800} + \frac{\pi^2 a_8 a_{10} a_{11}}{26624} + \\
& \frac{273027 a_9 a_{10} a_{11}}{1793792000} + \frac{2309 a_3 a_{11}^2}{7096320} + \frac{5 a_5 a_{11}^2}{146432} + \frac{6269 a_8 a_{11}^2}{78274560} + \frac{a_9 a_{11}^2}{112640} + \frac{1}{4} a_2^2 a_{12} + \frac{23}{720} \pi^2 a_2^2 a_{12} + \\
& \frac{53 a_3^2 a_{12}}{2880} + \frac{757 \pi^2 a_3^2 a_{12}}{120960} + \frac{11}{160} a_2 a_4 a_{12} + \frac{1}{224} \pi^2 a_2 a_4 a_{12} + \frac{47 a_4^2 a_{12}}{8064} + \frac{227 a_3 a_5 a_{12}}{30240} + \\
& \frac{\pi^2 a_3 a_5 a_{12}}{2016} + \frac{317 a_5^2 a_{12}}{604800} + \frac{19}{180} a_2 a_6 a_{12} + \frac{1027 \pi^2 a_2 a_6 a_{12}}{60480} + \frac{1153 a_4 a_6 a_{12}}{60480} + \frac{\pi^2 a_4 a_6 a_{12}}{1152} + \\
& \frac{557 a_6^2 a_{12}}{40320} + \frac{191 \pi^2 a_6^2 a_{12}}{100800} + \frac{1153 a_2 a_7 a_{12}}{60480} + \frac{\pi^2 a_2 a_7 a_{12}}{1152} + \frac{67 a_4 a_7 a_{12}}{22400} + \frac{461 a_6 a_7 a_{12}}{96768} + \\
& \frac{\pi^2 a_6 a_7 a_{12}}{5632} + \frac{499 a_7^2 a_{12}}{1419264} + \frac{187 a_3 a_8 a_{12}}{15120} + \frac{401 \pi^2 a_3 a_8 a_{12}}{134400} + \frac{457 a_5 a_8 a_{12}}{207360} + \frac{\pi^2 a_5 a_8 a_{12}}{9504} + \\
& \frac{28687 a_8^2 a_{12}}{14515200} + \frac{7463 \pi^2 a_8^2 a_{12}}{21288960} + \frac{1457 a_3 a_9 a_{12}}{604800} + \frac{3 \pi^2 a_3 a_9 a_{12}}{24640} + \frac{1367 a_5 a_9 a_{12}}{4435200} + \\
& \frac{35731 a_8 a_9 a_{12}}{53222400} + \frac{\pi^2 a_8 a_9 a_{12}}{37440} + \frac{266977 a_9^2 a_{12}}{6054048000} + \frac{557 a_2 a_{10} a_{12}}{20160} + \frac{191 \pi^2 a_2 a_{10} a_{12}}{50400} + \\
& \frac{461 a_4 a_{10} a_{12}}{96768} + \frac{\pi^2 a_4 a_{10} a_{12}}{5632} + \frac{17249 a_6 a_{10} a_{12}}{2419200} + \frac{3001 \pi^2 a_6 a_{10} a_{12}}{3548160} + \frac{257 a_7 a_{10} a_{12}}{221760} +
\end{aligned}$$

$$\begin{aligned}
 & \frac{\pi^2 a_7 a_{10} a_{12}}{26\,624} + \frac{433\,661 a_{10}^2 a_{12}}{479\,001\,600} + \frac{1\,108\,351 \pi^2 a_{10}^2 a_{12}}{11\,623\,772\,160} + \frac{461 a_2 a_{11} a_{12}}{96\,768} + \frac{\pi^2 a_2 a_{11} a_{12}}{5632} + \\
 & \frac{499 a_4 a_{11} a_{12}}{709\,632} + \frac{257 a_6 a_{11} a_{12}}{221\,760} + \frac{\pi^2 a_6 a_{11} a_{12}}{26\,624} + \frac{31\,573 a_7 a_{11} a_{12}}{193\,729\,536} + \frac{54\,136\,307 a_{10} a_{11} a_{12}}{193\,729\,536\,000} + \\
 & \frac{\pi^2 a_{10} a_{11} a_{12}}{122\,880} + \frac{3097 a_{11}^2 a_{12}}{164\,003\,840} + \frac{883 a_3 a_{12}^2}{483\,840} + \frac{811 \pi^2 a_3 a_{12}^2}{2\,365\,440} + \frac{3677 a_5 a_{12}^2}{12\,773\,376} + \frac{5 \pi^2 a_5 a_{12}^2}{439\,296} + \\
 & \frac{106\,261 a_8 a_{12}^2}{191\,600\,640} + \frac{1\,883\,551 \pi^2 a_8 a_{12}^2}{23\,247\,544\,320} + \frac{4\,168\,067 a_9 a_{12}^2}{48\,432\,384\,000} + \frac{\pi^2 a_9 a_{12}^2}{337\,920} + \frac{4\,223\,867 a_{12}^3}{83\,691\,159\,552} + \\
 & \frac{3097 \pi^2 a_{12}^3}{492\,011\,520} + \frac{7 a_2^2 a_{13}}{120} + \frac{583 a_3^2 a_{13}}{120\,960} + \frac{\pi^2 a_3^2 a_{13}}{4032} + \frac{29 a_2 a_4 a_{13}}{2240} + \frac{a_4^2 a_{13}}{1344} + \frac{1 a_3 a_5 a_{13}}{800} + \\
 & \frac{13 a_5^2 a_{13}}{221\,760} + \frac{683 a_2 a_6 a_{13}}{30\,240} + \frac{\pi^2 a_2 a_6 a_{13}}{2016} + \frac{59 a_4 a_6 a_{13}}{19\,200} + \frac{29 a_6^2 a_{13}}{11\,200} + \frac{3 \pi^2 a_6^2 a_{13}}{49\,280} + \frac{59 a_2 a_7 a_{13}}{19\,200} + \\
 & \frac{9 a_4 a_7 a_{13}}{24\,640} + \frac{499 a_6 a_7 a_{13}}{709\,632} + \frac{27 a_7^2 a_{13}}{652\,288} + \frac{689 a_3 a_8 a_{13}}{268\,800} + \frac{3 \pi^2 a_3 a_8 a_{13}}{24\,640} + \frac{1433 a_5 a_8 a_{13}}{4\,435\,200} + \\
 & \frac{69 a_8^2 a_{13}}{197\,120} + \frac{9 \pi^2 a_8^2 a_{13}}{652\,288} + \frac{1591 a_3 a_9 a_{13}}{4\,435\,200} + \frac{227 a_5 a_9 a_{13}}{6\,726\,720} + \frac{7491 a_8 a_9 a_{13}}{81\,536\,000} + \frac{a_9^2 a_{13}}{211\,200} + \frac{29 a_2 a_{10} a_{13}}{5600} + \\
 & \frac{3 \pi^2 a_2 a_{10} a_{13}}{24\,640} + \frac{499 a_4 a_{10} a_{13}}{709\,632} + \frac{10\,753 a_6 a_{10} a_{13}}{8\,870\,400} + \frac{9 \pi^2 a_6 a_{10} a_{13}}{326\,144} + \frac{69\,193 a_7 a_{10} a_{13}}{430\,510\,080} + \\
 & \frac{329\,767 a_{10}^2 a_{13}}{2\,306\,304\,000} + \frac{\pi^2 a_{10}^2 a_{13}}{322\,560} + \frac{499 a_2 a_{11} a_{13}}{709\,632} + \frac{27 a_4 a_{11} a_{13}}{326\,144} + \frac{69\,193 a_6 a_{11} a_{13}}{430\,510\,080} + \frac{a_7 a_{11} a_{13}}{53\,760} + \\
 & \frac{105\,977 a_{10} a_{11} a_{13}}{2\,870\,067\,200} + \frac{45 a_{11}^2 a_{13}}{21\,446\,656} + \frac{29 a_3 a_{12} a_{13}}{44\,352} + \frac{9 \pi^2 a_3 a_{12} a_{13}}{326\,144} + \frac{115 a_5 a_{12} a_{13}}{1\,467\,648} + \\
 & \frac{1\,644\,767 a_8 a_{12} a_{13}}{9\,225\,216\,000} + \frac{\pi^2 a_8 a_{12} a_{13}}{161\,280} + \frac{144\,013 a_9 a_{12} a_{13}}{6\,457\,651\,200} + \frac{191\,609 a_{12}^2 a_{13}}{8\,453\,652\,480} + \frac{15 \pi^2 a_{12}^2 a_{13}}{21\,446\,656} + \\
 & \frac{9733 a_3 a_{13}^2}{215\,255\,040} + \frac{41 a_5 a_{13}^2}{9\,784\,320} + \frac{137 a_8 a_{13}^2}{11\,827\,200} + \frac{1431 a_9 a_{13}^2}{12\,197\,785\,600} + \frac{1\,486\,943 a_{12} a_{13}^2}{526\,944\,337\,920} + \frac{135 a_{13}^3}{1\,388\,068\,864} + \\
 & \frac{19 a_2 a_3 a_{14}}{240} + \frac{39 \pi^2 a_2 a_3 a_{14}}{2240} + \frac{521 a_3 a_4 a_{14}}{30\,240} + \frac{\pi^2 a_3 a_4 a_{14}}{1152} + \frac{131 a_2 a_5 a_{14}}{7560} + \frac{\pi^2 a_2 a_5 a_{14}}{2016} + \\
 & \frac{49 a_4 a_5 a_{14}}{19\,200} + \frac{167 a_3 a_6 a_{14}}{7560} + \frac{757 \pi^2 a_3 a_6 a_{14}}{201\,600} + \frac{7331 a_5 a_6 a_{14}}{1\,814\,400} + \frac{\pi^2 a_5 a_6 a_{14}}{9504} + \frac{1129 a_3 a_7 a_{14}}{268\,800} + \\
 & \frac{\pi^2 a_3 a_7 a_{14}}{5632} + \frac{3359 a_5 a_7 a_{14}}{5\,913\,600} + \frac{29 a_2 a_8 a_{14}}{1120} + \frac{171 \pi^2 a_2 a_8 a_{14}}{44\,800} + \frac{313 a_4 a_8 a_{14}}{67\,200} + \frac{\pi^2 a_4 a_8 a_{14}}{5632} + \\
 & \frac{48\,911 a_6 a_8 a_{14}}{7\,257\,600} + \frac{281 \pi^2 a_6 a_8 a_{14}}{332\,640} + \frac{19\,933 a_7 a_8 a_{14}}{17\,740\,800} + \frac{\pi^2 a_7 a_8 a_{14}}{26\,624} + \frac{13 a_2 a_9 a_{14}}{2688} + \frac{3 \pi^2 a_2 a_9 a_{14}}{24\,640} + \\
 & \frac{851 a_4 a_9 a_{14}}{1\,267\,200} + \frac{4313 a_6 a_9 a_{14}}{3\,801\,600} + \frac{\pi^2 a_6 a_9 a_{14}}{37\,440} + \frac{273\,027 a_7 a_9 a_{14}}{1\,793\,792\,000} + \frac{14\,143 a_3 a_{10} a_{14}}{2\,419\,200} + \\
 & \frac{2939 \pi^2 a_3 a_{10} a_{14}}{3\,548\,160} + \frac{841 a_5 a_{10} a_{14}}{887\,040} + \frac{5 \pi^2 a_5 a_{10} a_{14}}{219\,648} + \frac{15\,241 a_8 a_{10} a_{14}}{8\,870\,400} + \frac{27\,233 \pi^2 a_8 a_{10} a_{14}}{143\,503\,360} + \\
 & \frac{12\,963\,757 a_9 a_{10} a_{14}}{48\,432\,384\,000} + \frac{\pi^2 a_9 a_{10} a_{14}}{168\,960} + \frac{1999 a_3 a_{11} a_{14}}{1\,971\,200} + \frac{\pi^2 a_3 a_{11} a_{14}}{26\,624} + \frac{45\,137 a_5 a_{11} a_{14}}{352\,235\,520} + \\
 & \frac{1\,452\,571 a_8 a_{11} a_{14}}{5\,381\,376\,000} + \frac{\pi^2 a_8 a_{11} a_{14}}{122\,880} + \frac{5839 a_9 a_{11} a_{14}}{167\,731\,200} + \frac{17\,249 a_2 a_{12} a_{14}}{2\,419\,200} + \frac{3001 \pi^2 a_2 a_{12} a_{14}}{3\,548\,160} + \\
 & \frac{257 a_4 a_{12} a_{14}}{221\,760} + \frac{\pi^2 a_4 a_{12} a_{14}}{26\,624} + \frac{433\,661 a_6 a_{12} a_{14}}{239\,500\,800} + \frac{1\,108\,351 \pi^2 a_6 a_{12} a_{14}}{5\,811\,886\,080} + \frac{54\,136\,307 a_7 a_{12} a_{14}}{193\,729\,536\,000} + \\
 & \frac{\pi^2 a_7 a_{12} a_{14}}{122\,880} + \frac{587\,647 a_{10} a_{12} a_{14}}{1\,291\,530\,240} + \frac{32\,059 \pi^2 a_{10} a_{12} a_{14}}{738\,017\,280} + \frac{624\,865 a_{11} a_{12} a_{14}}{9\,299\,017\,728} + \frac{\pi^2 a_{11} a_{12} a_{14}}{557\,056} +
 \end{aligned}$$

$$\begin{aligned}
& \frac{10\,753\,a_2\,a_{13}\,a_{14}}{8\,870\,400} + \frac{9\,\pi^2\,a_2\,a_{13}\,a_{14}}{326\,144} + \frac{69\,193\,a_4\,a_{13}\,a_{14}}{430\,510\,080} + \frac{329\,767\,a_6\,a_{13}\,a_{14}}{1\,153\,152\,000} + \frac{\pi^2\,a_6\,a_{13}\,a_{14}}{161\,280} + \\
& \frac{105\,977\,a_7\,a_{13}\,a_{14}}{2\,870\,067\,200} + \frac{175\,117\,a_{10}\,a_{13}\,a_{14}}{2\,583\,060\,480} + \frac{15\,\pi^2\,a_{10}\,a_{13}\,a_{14}}{10\,723\,328} + \frac{817\,771\,a_{11}\,a_{13}\,a_{14}}{95\,808\,061\,440} + \\
& \frac{1069\,a_3\,a_{14}^2}{1\,419\,264} + \frac{4999\,\pi^2\,a_3\,a_{14}^2}{53\,813\,760} + \frac{10\,830\,899\,a_5\,a_{14}^2}{96\,864\,768\,000} + \frac{\pi^2\,a_5\,a_{14}^2}{399\,360} + \frac{10\,481\,231\,a_8\,a_{14}^2}{48\,432\,384\,000} + \\
& \frac{1769\,\pi^2\,a_8\,a_{14}^2}{82\,001\,920} + \frac{1\,365\,509\,a_9\,a_{14}^2}{43\,051\,008\,000} + \frac{3\,\pi^2\,a_9\,a_{14}^2}{4\,526\,080} + \frac{8\,800\,951\,a_{12}\,a_{14}^2}{154\,983\,628\,800} + \frac{375\,737\,\pi^2\,a_{12}\,a_{14}^2}{75\,277\,762\,560} + \\
& \frac{189\,773\,a_{13}\,a_{14}^2}{23\,524\,300\,800} + \frac{9\,\pi^2\,a_{13}\,a_{14}^2}{56\,655\,872} + \frac{521\,a_2\,a_3\,a_{15}}{30\,240} + \frac{\pi^2\,a_2\,a_3\,a_{15}}{1152} + \frac{97\,a_3\,a_4\,a_{15}}{33\,600} + \frac{49\,a_2\,a_5\,a_{15}}{19\,200} + \\
& \frac{a_4\,a_5\,a_{15}}{3168} + \frac{1129\,a_3\,a_6\,a_{15}}{268\,800} + \frac{\pi^2\,a_3\,a_6\,a_{15}}{5632} + \frac{3359\,a_5\,a_6\,a_{15}}{5\,913\,600} + \frac{2309\,a_3\,a_7\,a_{15}}{3\,548\,160} + \frac{5\,a_5\,a_7\,a_{15}}{73\,216} + \\
& \frac{313\,a_2\,a_8\,a_{15}}{67\,200} + \frac{\pi^2\,a_2\,a_8\,a_{15}}{5632} + \frac{69\,a_4\,a_8\,a_{15}}{98\,560} + \frac{19\,933\,a_6\,a_8\,a_{15}}{17\,740\,800} + \frac{\pi^2\,a_6\,a_8\,a_{15}}{26\,624} + \frac{6269\,a_7\,a_8\,a_{15}}{39\,137\,280} + \\
& \frac{851\,a_2\,a_9\,a_{15}}{1\,267\,200} + \frac{a_4\,a_9\,a_{15}}{12\,480} + \frac{273\,027\,a_6\,a_9\,a_{15}}{1\,793\,792\,000} + \frac{a_7\,a_9\,a_{15}}{56\,320} + \frac{1999\,a_3\,a_{10}\,a_{15}}{1\,971\,200} + \frac{\pi^2\,a_3\,a_{10}\,a_{15}}{26\,624} + \\
& \frac{45\,137\,a_5\,a_{10}\,a_{15}}{352\,235\,520} + \frac{1\,452\,571\,a_8\,a_{10}\,a_{15}}{5\,381\,376\,000} + \frac{\pi^2\,a_8\,a_{10}\,a_{15}}{122\,880} + \frac{5839\,a_9\,a_{10}\,a_{15}}{167\,731\,200} + \frac{31\,907\,a_3\,a_{11}\,a_{15}}{215\,255\,040} + \\
& \frac{a_5\,a_{11}\,a_{15}}{66\,560} + \frac{349\,a_8\,a_{11}\,a_{15}}{9\,461\,760} + \frac{9\,a_9\,a_{11}\,a_{15}}{2\,263\,040} + \frac{257\,a_2\,a_{12}\,a_{15}}{221\,760} + \frac{\pi^2\,a_2\,a_{12}\,a_{15}}{26\,624} + \frac{31\,573\,a_4\,a_{12}\,a_{15}}{193\,729\,536} + \\
& \frac{54\,136\,307\,a_6\,a_{12}\,a_{15}}{193\,729\,536\,000} + \frac{\pi^2\,a_6\,a_{12}\,a_{15}}{122\,880} + \frac{3097\,a_7\,a_{12}\,a_{15}}{82\,001\,920} + \frac{624\,865\,a_{10}\,a_{12}\,a_{15}}{9\,299\,017\,728} + \frac{\pi^2\,a_{10}\,a_{12}\,a_{15}}{557\,056} + \\
& \frac{661\,153\,a_{11}\,a_{12}\,a_{15}}{75\,277\,762\,560} + \frac{69\,193\,a_2\,a_{13}\,a_{15}}{430\,510\,080} + \frac{a_4\,a_{13}\,a_{15}}{53\,760} + \frac{105\,977\,a_6\,a_{13}\,a_{15}}{2\,870\,067\,200} + \frac{45\,a_7\,a_{13}\,a_{15}}{10\,723\,328} + \\
& \frac{817\,771\,a_{10}\,a_{13}\,a_{15}}{95\,808\,061\,440} + \frac{27\,a_{11}\,a_{13}\,a_{15}}{28\,327\,936} + \frac{47\,282\,731\,a_3\,a_{14}\,a_{15}}{193\,729\,536\,000} + \frac{\pi^2\,a_3\,a_{14}\,a_{15}}{122\,880} + \frac{2323\,a_5\,a_{14}\,a_{15}}{79\,478\,784} + \\
& \frac{1\,673\,759\,a_8\,a_{14}\,a_{15}}{25\,830\,604\,800} + \frac{\pi^2\,a_8\,a_{14}\,a_{15}}{557\,056} + \frac{1\,626\,533\,a_9\,a_{14}\,a_{15}}{202\,670\,899\,200} + \frac{11\,349\,647\,a_{12}\,a_{14}\,a_{15}}{702\,592\,450\,560} + \\
& \frac{\pi^2\,a_{12}\,a_{14}\,a_{15}}{2\,490\,368} + \frac{15\,851\,193\,a_{13}\,a_{14}\,a_{15}}{7\,986\,734\,694\,400} + \frac{8381\,a_3\,a_{15}^2}{492\,011\,520} + \frac{7\,a_5\,a_{15}^2}{4\,177\,920} + \frac{1\,286\,963\,a_8\,a_{15}^2}{301\,111\,050\,240} + \\
& \frac{7\,a_9\,a_{15}^2}{15\,564\,800} + \frac{7\,824\,077\,a_{12}\,a_{15}^2}{7\,628\,146\,606\,080} + \frac{a_{13}\,a_{15}^2}{9\,175\,040} + \frac{11}{160}\,a_2^2\,a_{16} + \frac{11\,\pi^2\,a_2^2\,a_{16}}{1680} + \frac{179\,a_3^2\,a_{16}}{30\,240} + \\
& \frac{373\,\pi^2\,a_3^2\,a_{16}}{268\,800} + \frac{521\,a_2\,a_4\,a_{16}}{30\,240} + \frac{\pi^2\,a_2\,a_4\,a_{16}}{1152} + \frac{49\,a_4^2\,a_{16}}{38\,400} + \frac{14\,123\,a_3\,a_5\,a_{16}}{7\,257\,600} + \frac{\pi^2\,a_3\,a_5\,a_{16}}{9504} + \\
& \frac{13\,a_5^2\,a_{16}}{105\,600} + \frac{293\,a_2\,a_6\,a_{16}}{10\,080} + \frac{1469\,\pi^2\,a_2\,a_6\,a_{16}}{403\,200} + \frac{313\,a_4\,a_6\,a_{16}}{67\,200} + \frac{\pi^2\,a_4\,a_6\,a_{16}}{5632} + \frac{17\,797\,a_6^2\,a_{16}}{4\,838\,400} + \\
& \frac{7409\,\pi^2\,a_6^2\,a_{16}}{17\,740\,800} + \frac{313\,a_2\,a_7\,a_{16}}{67\,200} + \frac{\pi^2\,a_2\,a_7\,a_{16}}{5632} + \frac{851\,a_4\,a_7\,a_{16}}{1\,267\,200} + \frac{257\,a_6\,a_7\,a_{16}}{221\,760} + \frac{\pi^2\,a_6\,a_7\,a_{16}}{26\,624} + \\
& \frac{69\,193\,a_7^2\,a_{16}}{861\,020\,160} + \frac{26\,069\,a_3\,a_8\,a_{16}}{7\,257\,600} + \frac{35\,879\,\pi^2\,a_3\,a_8\,a_{16}}{53\,222\,400} + \frac{9901\,a_5\,a_8\,a_{16}}{17\,740\,800} + \frac{5\,\pi^2\,a_5\,a_8\,a_{16}}{219\,648} + \\
& \frac{481\,a_8^2\,a_{16}}{887\,040} + \frac{69\,037\,\pi^2\,a_8^2\,a_{16}}{861\,020\,160} + \frac{4621\,a_3\,a_9\,a_{16}}{7\,603\,200} + \frac{\pi^2\,a_3\,a_9\,a_{16}}{37\,440} + \frac{160\,397\,a_5\,a_9\,a_{16}}{2\,201\,472\,000} + \frac{32\,261\,a_8\,a_9\,a_{16}}{192\,192\,000} + \\
& \frac{\pi^2\,a_8\,a_9\,a_{16}}{168\,960} + \frac{1151\,a_9^2\,a_{16}}{109\,824\,000} + \frac{17\,797\,a_2\,a_{10}\,a_{16}}{2\,419\,200} + \frac{7409\,\pi^2\,a_2\,a_{10}\,a_{16}}{8\,870\,400} + \frac{257\,a_4\,a_{10}\,a_{16}}{221\,760} + \\
& \frac{\pi^2\,a_4\,a_{10}\,a_{16}}{26\,624} + \frac{131\,a_6\,a_{10}\,a_{16}}{70\,400} + \frac{27\,259\,\pi^2\,a_6\,a_{10}\,a_{16}}{143\,503\,360} + \frac{34\,847\,a_7\,a_{10}\,a_{16}}{123\,552\,000} + \frac{\pi^2\,a_7\,a_{10}\,a_{16}}{122\,880} +
\end{aligned}$$

$$\begin{aligned}
 & \frac{67\,851\,241\,a_{10}^2\,a_{16}}{290\,594\,304\,000} + \frac{24\,041\,\pi^2\,a_{10}^2\,a_{16}}{1\,107\,025\,920} + \frac{257\,a_2\,a_{11}\,a_{16}}{221\,760} + \frac{\pi^2\,a_2\,a_{11}\,a_{16}}{26\,624} + \frac{69\,193\,a_4\,a_{11}\,a_{16}}{430\,510\,080} + \\
 & \frac{34\,847\,a_6\,a_{11}\,a_{16}}{123\,552\,000} + \frac{\pi^2\,a_6\,a_{11}\,a_{16}}{122\,880} + \frac{199\,a_7\,a_{11}\,a_{16}}{5\,271\,552} + \frac{89\,789\,a_{10}\,a_{11}\,a_{16}}{1\,317\,888\,000} + \frac{\pi^2\,a_{10}\,a_{11}\,a_{16}}{557\,056} + \\
 & \frac{190\,103\,a_{11}^2\,a_{16}}{43\,015\,864\,320} + \frac{481\,951\,a_3\,a_{12}\,a_{16}}{479\,001\,600} + \frac{1\,828\,523\,\pi^2\,a_3\,a_{12}\,a_{16}}{11\,623\,772\,160} + \frac{4\,004\,801\,a_5\,a_{12}\,a_{16}}{27\,675\,648\,000} + \\
 & \frac{\pi^2\,a_5\,a_{12}\,a_{16}}{199\,680} + \frac{17\,203\,897\,a_8\,a_{12}\,a_{16}}{58\,118\,860\,800} + \frac{16\,591\,\pi^2\,a_8\,a_{12}\,a_{16}}{442\,810\,368} + \frac{7\,126\,751\,a_9\,a_{12}\,a_{16}}{166\,053\,888\,000} + \frac{3\,\pi^2\,a_9\,a_{12}\,a_{16}}{2\,263\,040} + \\
 & \frac{153\,949\,a_{12}^2\,a_{16}}{3\,874\,590\,720} + \frac{1\,325\,111\,\pi^2\,a_{12}^2\,a_{16}}{301\,111\,050\,240} + \frac{10\,540\,457\,a_3\,a_{13}\,a_{16}}{64\,576\,512\,000} + \frac{\pi^2\,a_3\,a_{13}\,a_{16}}{161\,280} + \frac{9269\,a_5\,a_{13}\,a_{16}}{496\,742\,400} + \\
 & \frac{636\,303\,a_8\,a_{13}\,a_{16}}{14\,350\,336\,000} + \frac{15\,\pi^2\,a_8\,a_{13}\,a_{16}}{10\,723\,328} + \frac{540\,187\,a_9\,a_{13}\,a_{16}}{101\,335\,449\,600} + \frac{23\,744\,153\,a_{12}\,a_{13}\,a_{16}}{2\,107\,777\,351\,680} + \\
 & \frac{9\,\pi^2\,a_{12}\,a_{13}\,a_{16}}{28\,327\,936} + \frac{52\,753\,819\,a_{13}^2\,a_{16}}{77\,870\,663\,270\,400} + \frac{131\,a_2\,a_{14}\,a_{16}}{70\,400} + \frac{27\,259\,\pi^2\,a_2\,a_{14}\,a_{16}}{143\,503\,360} + \frac{34\,847\,a_4\,a_{14}\,a_{16}}{123\,552\,000} + \\
 & \frac{\pi^2\,a_4\,a_{14}\,a_{16}}{122\,880} + \frac{67\,851\,241\,a_6\,a_{14}\,a_{16}}{145\,297\,152\,000} + \frac{24\,041\,\pi^2\,a_6\,a_{14}\,a_{16}}{553\,512\,960} + \frac{89\,789\,a_7\,a_{14}\,a_{16}}{1\,317\,888\,000} + \frac{\pi^2\,a_7\,a_{14}\,a_{16}}{557\,056} + \\
 & \frac{3\,385\,037\,a_{10}\,a_{14}\,a_{16}}{29\,059\,430\,400} + \frac{1\,505\,753\,\pi^2\,a_{10}\,a_{14}\,a_{16}}{150\,555\,525\,120} + \frac{561\,811\,a_{11}\,a_{14}\,a_{16}}{34\,217\,164\,800} + \frac{\pi^2\,a_{11}\,a_{14}\,a_{16}}{2\,490\,368} + \\
 & \frac{7\,624\,414\,019\,a_{14}^2\,a_{16}}{526\,944\,337\,920\,000} + \frac{2\,456\,213\,\pi^2\,a_{14}^2\,a_{16}}{2\,118\,929\,612\,800} + \frac{34\,847\,a_2\,a_{15}\,a_{16}}{123\,552\,000} + \frac{\pi^2\,a_2\,a_{15}\,a_{16}}{122\,880} + \frac{199\,a_4\,a_{15}\,a_{16}}{5\,271\,552} + \\
 & \frac{89\,789\,a_6\,a_{15}\,a_{16}}{1\,317\,888\,000} + \frac{\pi^2\,a_6\,a_{15}\,a_{16}}{557\,056} + \frac{190\,103\,a_7\,a_{15}\,a_{16}}{21\,507\,932\,160} + \frac{561\,811\,a_{10}\,a_{15}\,a_{16}}{34\,217\,164\,800} + \frac{\pi^2\,a_{10}\,a_{15}\,a_{16}}{2\,490\,368} + \\
 & \frac{940\,997\,a_{11}\,a_{15}\,a_{16}}{454\,056\,345\,600} + \frac{8\,316\,926\,081\,a_{14}\,a_{15}\,a_{16}}{2\,102\,507\,908\,300\,800} + \frac{\pi^2\,a_{14}\,a_{15}\,a_{16}}{11\,010\,048} + \frac{45\,432\,693\,a_{15}^2\,a_{16}}{186\,465\,805\,926\,400} + \\
 & \frac{44\,761\,a_3\,a_{16}^2}{332\,107\,776} + \frac{80\,863\,\pi^2\,a_3\,a_{16}^2}{4\,428\,103\,680} + \frac{215\,113\,a_5\,a_{16}^2}{11\,860\,992\,000} + \frac{7\,\pi^2\,a_5\,a_{16}^2}{12\,533\,760} + \frac{358\,559\,a_8\,a_{16}^2}{9\,225\,216\,000} + \\
 & \frac{263\,227\,\pi^2\,a_8\,a_{16}^2}{60\,222\,210\,048} + \frac{14\,376\,553\,a_9\,a_{16}^2}{2\,688\,491\,520\,000} + \frac{7\,\pi^2\,a_9\,a_{16}^2}{46\,694\,400} + \frac{998\,794\,747\,a_{12}\,a_{16}^2}{96\,785\,694\,720\,000} + \frac{118\,164\,133\,\pi^2\,a_{12}\,a_{16}^2}{114\,422\,199\,091\,200} + \\
 & \frac{58\,869\,774\,749\,a_{13}\,a_{16}^2}{42\,050\,158\,166\,016\,000} + \frac{\pi^2\,a_{13}\,a_{16}^2}{27\,525\,120} + \frac{543\,784\,817\,a_{16}^3}{612\,976\,066\,560\,000} + \frac{15\,144\,231\,\pi^2\,a_{16}^3}{186\,465\,805\,926\,400}
 \end{aligned}$$

(* kurtosis -- not standardized *)

$$\begin{aligned}
 & \frac{7}{15}\,\pi^4\,a_2^4 + \frac{3}{2}\,\pi^2\,a_2^2\,a_3^2 + \frac{7}{30}\,\pi^4\,a_2^2\,a_3^2 + \frac{a_3^4}{80} + \frac{1}{24}\,\pi^2\,a_3^4 + \frac{7\,\pi^4\,a_3^4}{1200} + 2\,\pi^2\,a_2^3\,a_4 + \frac{1}{2}\,a_2\,a_3^3\,a_4 + \frac{2}{3}\,\pi^2\,a_2\,a_3^3\,a_4 + \\
 & 2\,a_2^2\,a_4^2 + \frac{1}{6}\,\pi^2\,a_2^2\,a_4^2 + \frac{1}{8}\,a_3^2\,a_4^2 + \frac{1}{40}\,\pi^2\,a_3^2\,a_4^2 + \frac{1}{3}\,a_2\,a_4^3 + \frac{a_4^4}{80} + a_2^2\,a_3\,a_5 + \frac{1}{2}\,\pi^2\,a_2^2\,a_3\,a_5 + \frac{1}{24}\,a_3^3\,a_5 + \\
 & \frac{1}{40}\,\pi^2\,a_3^3\,a_5 + \frac{5}{6}\,a_2\,a_3\,a_4\,a_5 + \frac{2}{45}\,\pi^2\,a_2\,a_3\,a_4\,a_5 + \frac{3}{40}\,a_3\,a_4^2\,a_5 + \frac{1}{6}\,a_2^2\,a_5^2 + \frac{1}{90}\,\pi^2\,a_2^2\,a_5^2 + \frac{1}{45}\,a_3^2\,a_5^2 + \\
 & \frac{11\,\pi^2\,a_3^2\,a_5^2}{7560} + \frac{1}{15}\,a_2\,a_4\,a_5^2 + \frac{11\,a_4^2\,a_5^2}{2520} + \frac{1}{420}\,a_3\,a_5^3 + \frac{a_5^4}{15\,120} + \frac{8}{3}\,\pi^2\,a_2^3\,a_6 + \frac{7}{45}\,\pi^4\,a_2^3\,a_6 + \frac{2}{5}\,a_2\,a_3^2\,a_6 + \\
 & \frac{13}{12}\,\pi^2\,a_2\,a_3^2\,a_6 + \frac{7}{100}\,\pi^4\,a_2\,a_3^2\,a_6 + 3\,a_2^2\,a_4\,a_6 + \pi^2\,a_2^2\,a_4\,a_6 + \frac{1}{4}\,a_3^2\,a_4\,a_6 + \frac{17}{120}\,\pi^2\,a_3^2\,a_4\,a_6 + \\
 & a_2\,a_4^2\,a_6 + \frac{1}{20}\,\pi^2\,a_2\,a_4^2\,a_6 + \frac{23}{360}\,a_4^3\,a_6 + \frac{5}{6}\,a_2\,a_3\,a_5\,a_6 + \frac{7}{36}\,\pi^2\,a_2\,a_3\,a_5\,a_6 + \frac{23}{120}\,a_3\,a_4\,a_5\,a_6 + \\
 & \frac{1}{105}\,\pi^2\,a_3\,a_4\,a_5\,a_6 + \frac{17}{180}\,a_2\,a_5^2\,a_6 + \frac{11\,\pi^2\,a_2\,a_5^2\,a_6}{3780} + \frac{1}{70}\,a_4\,a_5^2\,a_6 + \frac{6}{5}\,a_2^2\,a_6^2 + \pi^2\,a_2^2\,a_6^2 + \\
 & \frac{7}{200}\,\pi^4\,a_2^2\,a_6^2 + \frac{1}{8}\,a_3^2\,a_6^2 + \frac{23}{160}\,\pi^2\,a_3^2\,a_6^2 + \frac{1}{160}\,\pi^4\,a_3^2\,a_6^2 + a_2\,a_4\,a_6^2 + \frac{23}{120}\,\pi^2\,a_2\,a_4\,a_6^2 + \frac{7}{60}\,a_4^2\,a_6^2 +
 \end{aligned}$$

$$\begin{aligned}
& \frac{1}{224} \pi^2 a_4^2 a_6^2 + \frac{7}{60} a_3 a_5 a_6^2 + \frac{211 \pi^2 a_3 a_5 a_6^2}{10\,080} + \frac{67 a_5^2 a_6^2}{6048} + \frac{\pi^2 a_5^2 a_6^2}{3360} + \frac{1}{3} a_2 a_6^3 + \frac{7}{45} \pi^2 a_2 a_6^3 + \\
& \frac{1}{240} \pi^4 a_2 a_6^3 + \frac{11}{120} a_4 a_6^3 + \frac{11}{840} \pi^2 a_4 a_6^3 + \frac{19 a_6^4}{720} + \frac{409 \pi^2 a_6^4}{45\,360} + \frac{7 \pi^4 a_6^4}{34\,560} + a_2^3 a_7 + \frac{1}{3} \pi^2 a_2^3 a_7 + \\
& \frac{1}{4} a_2 a_3^2 a_7 + \frac{17}{120} \pi^2 a_2 a_3^2 a_7 + a_2^2 a_4 a_7 + \frac{1}{20} \pi^2 a_2^2 a_4 a_7 + \frac{19}{240} a_3^2 a_4 a_7 + \frac{1}{112} \pi^2 a_3^2 a_4 a_7 + \\
& \frac{23}{120} a_2 a_4^2 a_7 + \frac{1}{112} a_4^3 a_7 + \frac{23}{120} a_2 a_3 a_5 a_7 + \frac{1}{105} \pi^2 a_2 a_3 a_5 a_7 + \frac{163 a_3 a_4 a_5 a_7}{5040} + \\
& \frac{1}{70} a_2 a_5^2 a_7 + \frac{1}{560} a_4 a_5^2 a_7 + a_2^2 a_6 a_7 + \frac{23}{120} \pi^2 a_2^2 a_6 a_7 + \frac{43}{480} a_3^2 a_6 a_7 + \frac{17}{560} \pi^2 a_3^2 a_6 a_7 + \\
& \frac{7}{15} a_2 a_4 a_6 a_7 + \frac{1}{56} \pi^2 a_2 a_4 a_6 a_7 + \frac{11}{280} a_4^2 a_6 a_7 + \frac{1391 a_3 a_5 a_6 a_7}{30\,240} + \frac{1}{504} \pi^2 a_3 a_5 a_6 a_7 + \\
& \frac{239 a_5^2 a_6 a_7}{75\,600} + \frac{11}{40} a_2 a_6^2 a_7 + \frac{11}{280} \pi^2 a_2 a_6^2 a_7 + \frac{409 a_4 a_6^2 a_7}{7560} + \frac{1}{576} \pi^2 a_4 a_6^2 a_7 + \frac{359 a_6^3 a_7}{15\,120} + \\
& \frac{563 \pi^2 a_6^3 a_7}{201\,600} + \frac{7}{60} a_2^2 a_7^2 + \frac{1}{224} \pi^2 a_2^2 a_7^2 + \frac{1301 a_3^2 a_7^2}{120\,960} + \frac{\pi^2 a_3^2 a_7^2}{1152} + \frac{11}{280} a_2 a_4 a_7^2 + \frac{1}{384} a_4^2 a_7^2 + \\
& \frac{81 a_3 a_5 a_7^2}{22\,400} + \frac{17 a_5^2 a_7^2}{88\,704} + \frac{409 a_2 a_6 a_7^2}{7560} + \frac{1}{576} \pi^2 a_2 a_6 a_7^2 + \frac{563 a_4 a_6 a_7^2}{67\,200} + \frac{141 a_6^2 a_7^2}{22\,400} + \frac{\pi^2 a_6^2 a_7^2}{5632} + \\
& \frac{563 a_2 a_7^3}{201\,600} + \frac{a_4 a_7^3}{2816} + \frac{1627 a_6 a_7^3}{2\,661\,120} + \frac{a_7^4}{53\,248} + \frac{9}{10} a_2^2 a_3 a_8 + \frac{7}{6} \pi^2 a_2^2 a_3 a_8 + \frac{7}{100} \pi^4 a_2^2 a_3 a_8 + \\
& \frac{1}{24} a_3^3 a_8 + \frac{7}{120} \pi^2 a_3^3 a_8 + \frac{1}{240} \pi^4 a_3^3 a_8 + \frac{5}{6} a_2 a_3 a_4 a_8 + \frac{5}{18} \pi^2 a_2 a_3 a_4 a_8 + \frac{23}{240} a_3 a_4^2 a_8 + \\
& \frac{1}{112} \pi^2 a_3 a_4^2 a_8 + \frac{5}{12} a_2^2 a_5 a_8 + \frac{13}{120} \pi^2 a_2^2 a_5 a_8 + \frac{79 a_3^2 a_5 a_8}{1440} + \frac{101 \pi^2 a_3^2 a_5 a_8}{6048} + \frac{13}{60} a_2 a_4 a_5 a_8 + \\
& \frac{1}{105} \pi^2 a_2 a_4 a_5 a_8 + \frac{179 a_4^2 a_5 a_8}{10\,080} + \frac{37 a_3 a_5^2 a_8}{3024} + \frac{\pi^2 a_3 a_5^2 a_8}{1680} + \frac{43 a_5^3 a_8}{75\,600} + \frac{5}{6} a_2 a_3 a_6 a_8 + \\
& \frac{217}{360} \pi^2 a_2 a_3 a_6 a_8 + \frac{1}{40} \pi^4 a_2 a_3 a_6 a_8 + \frac{7}{30} a_3 a_4 a_6 a_8 + \frac{103 \pi^2 a_3 a_4 a_6 a_8}{1680} + \frac{49}{180} a_2 a_5 a_6 a_8 + \\
& \frac{649 \pi^2 a_2 a_5 a_6 a_8}{15\,120} + \frac{155 a_4 a_5 a_6 a_8}{3024} + \frac{1}{504} \pi^2 a_4 a_5 a_6 a_8 + \frac{11}{80} a_3 a_6^2 a_8 + \frac{1129 \pi^2 a_3 a_6^2 a_8}{15\,120} + \\
& \frac{7 \pi^4 a_3 a_6^2 a_8}{2880} + \frac{361 a_5 a_6^2 a_8}{10\,080} + \frac{949 \pi^2 a_5 a_6^2 a_8}{201\,600} + \frac{7}{30} a_2 a_3 a_7 a_8 + \frac{103 \pi^2 a_2 a_3 a_7 a_8}{1680} + \\
& \frac{187 a_3 a_4 a_7 a_8}{3780} + \frac{1}{288} \pi^2 a_3 a_4 a_7 a_8 + \frac{155 a_2 a_5 a_7 a_8}{3024} + \frac{1}{504} \pi^2 a_2 a_5 a_7 a_8 + \frac{263 a_4 a_5 a_7 a_8}{33\,600} + \\
& \frac{1979 a_3 a_6 a_7 a_8}{30\,240} + \frac{341 \pi^2 a_3 a_6 a_7 a_8}{25\,200} + \frac{1591 a_5 a_6 a_7 a_8}{129\,600} + \frac{\pi^2 a_5 a_6 a_7 a_8}{2376} + \frac{839 a_3 a_7^2 a_8}{134\,400} + \\
& \frac{\pi^2 a_3 a_7^2 a_8}{2816} + \frac{7877 a_5 a_7^2 a_8}{8\,870\,400} + \frac{1}{4} a_2^2 a_8^2 + \frac{59}{360} \pi^2 a_2^2 a_8^2 + \frac{1}{160} \pi^4 a_2^2 a_8^2 + \frac{47 a_3^2 a_8^2}{1440} + \frac{67 \pi^2 a_3^2 a_8^2}{2688} + \\
& \frac{7 \pi^4 a_3^2 a_8^2}{5760} + \frac{3}{20} a_2 a_4 a_8^2 + \frac{13}{420} \pi^2 a_2 a_4 a_8^2 + \frac{11}{756} a_4^2 a_8^2 + \frac{\pi^2 a_4^2 a_8^2}{1152} + \frac{559 a_3 a_5 a_8^2}{30\,240} + \frac{769 \pi^2 a_3 a_5 a_8^2}{201\,600} + \\
& \frac{2971 a_5^2 a_8^2}{1\,814\,400} + \frac{17 \pi^2 a_5^2 a_8^2}{266\,112} + \frac{8}{45} a_2 a_6 a_8^2 + \frac{11}{140} \pi^2 a_2 a_6 a_8^2 + \frac{7 \pi^4 a_2 a_6 a_8^2}{2880} + \frac{11}{280} a_4 a_6 a_8^2 + \\
& \frac{463 \pi^2 a_4 a_6 a_8^2}{67\,200} + \frac{29 a_6^2 a_8^2}{1120} + \frac{1913 \pi^2 a_6^2 a_8^2}{201\,600} + \frac{7 \pi^4 a_6^2 a_8^2}{28\,160} + \frac{11}{280} a_2 a_7 a_8^2 + \frac{463 \pi^2 a_2 a_7 a_8^2}{67\,200} + \\
& \frac{17 a_4 a_7 a_8^2}{2400} + \frac{\pi^2 a_4 a_7 a_8^2}{2816} + \frac{37\,381 a_6 a_7 a_8^2}{3\,628\,800} + \frac{4111 \pi^2 a_6 a_7 a_8^2}{2\,661\,120} + \frac{171 a_7^2 a_8^2}{197\,120} + \frac{\pi^2 a_7^2 a_8^2}{26\,624} + \frac{29 a_3 a_8^3}{3360} + \\
& \frac{199 \pi^2 a_3 a_8^3}{44\,800} + \frac{7 \pi^4 a_3 a_8^3}{42\,240} + \frac{6827 a_5 a_8^3}{3\,628\,800} + \frac{7877 \pi^2 a_5 a_8^3}{26\,611\,200} + \frac{43 a_8^4}{57\,600} + \frac{57 \pi^2 a_8^4}{197\,120} + \frac{7 \pi^4 a_8^4}{798\,720} +
\end{aligned}$$

$$\begin{aligned}
 & \frac{1}{2} a_2^2 a_3 a_9 + \frac{7}{60} \pi^2 a_2^2 a_3 a_9 + \frac{1}{60} a_3^3 a_9 + \frac{11 \pi^2 a_3^3 a_9}{1680} + \frac{1}{4} a_2 a_3 a_4 a_9 + \frac{1}{105} \pi^2 a_2 a_3 a_4 a_9 + \\
 & \frac{11}{560} a_3 a_4^2 a_9 + \frac{1}{10} a_2^2 a_5 a_9 + \frac{1}{210} \pi^2 a_2^2 a_5 a_9 + \frac{97 a_3^2 a_5 a_9}{7560} + \frac{\pi^2 a_3^2 a_5 a_9}{1400} + \frac{43 a_2 a_4 a_5 a_9}{1260} + \\
 & \frac{3 a_4^2 a_5 a_9}{1400} + \frac{1}{540} a_3 a_5^2 a_9 + \frac{a_5^3 a_9}{15400} + \frac{7}{24} a_2 a_3 a_6 a_9 + \frac{41}{840} \pi^2 a_2 a_3 a_6 a_9 + \frac{853 a_3 a_4 a_6 a_9}{15120} + \\
 & \frac{1}{450} \pi^2 a_3 a_4 a_6 a_9 + \frac{199 a_2 a_5 a_6 a_9}{3780} + \frac{1}{700} \pi^2 a_2 a_5 a_6 a_9 + \frac{3}{400} a_4 a_5 a_6 a_9 + \frac{1147 a_3 a_6^2 a_9}{30240} + \\
 & \frac{547 \pi^2 a_3 a_6^2 a_9}{100800} + \frac{563 a_5 a_6^2 a_9}{90720} + \frac{251 \pi^2 a_5 a_6^2 a_9}{1663200} + \frac{853 a_2 a_3 a_7 a_9}{15120} + \frac{1}{450} \pi^2 a_2 a_3 a_7 a_9 + \\
 & \frac{29 a_3 a_4 a_7 a_9}{3360} + \frac{3}{400} a_2 a_5 a_7 a_9 + \frac{251 a_4 a_5 a_7 a_9}{277200} + \frac{449 a_3 a_6 a_7 a_9}{33600} + \frac{3 \pi^2 a_3 a_6 a_7 a_9}{6160} + \\
 & \frac{1873 a_5 a_6 a_7 a_9}{1108800} + \frac{4337 a_3 a_7^2 a_9}{4435200} + \frac{191 a_5 a_7^2 a_9}{1921920} + \frac{37}{240} a_2^2 a_8 a_9 + \frac{3}{112} \pi^2 a_2^2 a_8 a_9 + \frac{221 a_3^2 a_8 a_9}{12096} + \\
 & \frac{451 \pi^2 a_3^2 a_8 a_9}{100800} + \frac{241 a_2 a_4 a_8 a_9}{3780} + \frac{1}{450} \pi^2 a_2 a_4 a_8 a_9 + \frac{23 a_4^2 a_8 a_9}{4800} + \frac{3179 a_3 a_5 a_8 a_9}{453600} + \\
 & \frac{251 \pi^2 a_3 a_5 a_8 a_9}{831600} + \frac{251 a_5^2 a_8 a_9}{554400} + \frac{73}{840} a_2 a_6 a_8 a_9 + \frac{563 \pi^2 a_2 a_6 a_8 a_9}{50400} + \frac{5}{336} a_4 a_6 a_8 a_9 + \\
 & \frac{3 \pi^2 a_4 a_6 a_8 a_9}{6160} + \frac{40217 a_6^2 a_8 a_9}{3628800} + \frac{2377 \pi^2 a_6^2 a_8 a_9}{1900800} + \frac{5}{336} a_2 a_7 a_8 a_9 + \frac{3 \pi^2 a_2 a_7 a_8 a_9}{6160} + \\
 & \frac{3 a_4 a_7 a_8 a_9}{1408} + \frac{11779 a_6 a_7 a_8 a_9}{3326400} + \frac{\pi^2 a_6 a_7 a_8 a_9}{9360} + \frac{19857 a_7^2 a_8 a_9}{81536000} + \frac{21127 a_3 a_8^2 a_9}{3628800} + \\
 & \frac{13787 \pi^2 a_3 a_8^2 a_9}{13305600} + \frac{1247 a_5 a_8^2 a_9}{1330560} + \frac{191 \pi^2 a_5 a_8^2 a_9}{5765760} + \frac{57 a_8^3 a_9}{98560} + \frac{6619 \pi^2 a_8^3 a_9}{81536000} + \frac{11}{756} a_2^2 a_9^2 + \\
 & \frac{\pi^2 a_2^2 a_9^2}{1800} + \frac{31 a_3^2 a_9^2}{16800} + \frac{17 \pi^2 a_3^2 a_9^2}{184800} + \frac{19 a_2 a_4 a_9^2}{4200} + \frac{17 a_4^2 a_9^2}{61600} + \frac{137 a_3 a_5 a_9^2}{277200} + \frac{2689 a_5^2 a_9^2}{108108000} + \\
 & \frac{31 a_2 a_6 a_9^2}{4200} + \frac{17 \pi^2 a_2 a_6 a_9^2}{92400} + \frac{559 a_4 a_6 a_9^2}{554400} + \frac{2909 a_6^2 a_9^2}{3326400} + \frac{37 \pi^2 a_6^2 a_9^2}{1872000} + \frac{559 a_2 a_7 a_9^2}{554400} + \\
 & \frac{37 a_4 a_7 a_9^2}{312000} + \frac{5149 a_6 a_7 a_9^2}{22422400} + \frac{13 a_7^2 a_9^2}{985600} + \frac{3349 a_3 a_8 a_9^2}{3326400} + \frac{37 \pi^2 a_3 a_8 a_9^2}{936000} + \frac{4129 a_5 a_8 a_9^2}{33633600} + \\
 & \frac{2747 a_8^2 a_9^2}{20384000} + \frac{13 \pi^2 a_8^2 a_9^2}{2956800} + \frac{283 a_3 a_9^3}{6306300} + \frac{157 a_5 a_9^3}{36036000} + \frac{a_8 a_9^3}{88704} + \frac{31 a_9^4}{106080000} + \frac{4}{5} a_2^2 a_{10} + \\
 & \frac{2}{3} \pi^2 a_2^2 a_{10} + \frac{7}{300} \pi^4 a_2^2 a_{10} + \frac{1}{4} a_2 a_3^2 a_{10} + \frac{23}{80} \pi^2 a_2 a_3^2 a_{10} + \frac{1}{80} \pi^4 a_2 a_3^2 a_{10} + a_2^2 a_4 a_{10} + \\
 & \frac{23}{120} \pi^2 a_2^2 a_4 a_{10} + \frac{43}{480} a_3^2 a_4 a_{10} + \frac{17}{560} \pi^2 a_3^2 a_4 a_{10} + \frac{7}{30} a_2 a_4^2 a_{10} + \frac{1}{112} \pi^2 a_2 a_4^2 a_{10} + \frac{11}{840} a_4^3 a_{10} + \\
 & \frac{7}{30} a_2 a_3 a_5 a_{10} + \frac{211 \pi^2 a_2 a_3 a_5 a_{10}}{5040} + \frac{1391 a_3 a_4 a_5 a_{10}}{30240} + \frac{1}{504} \pi^2 a_3 a_4 a_5 a_{10} + \frac{67 a_2 a_5^2 a_{10}}{3024} + \\
 & \frac{\pi^2 a_2 a_5^2 a_{10}}{1680} + \frac{239 a_4 a_5^2 a_{10}}{75600} + a_2^2 a_6 a_{10} + \frac{7}{15} \pi^2 a_2^2 a_6 a_{10} + \frac{1}{80} \pi^4 a_2^2 a_6 a_{10} + \frac{1}{10} a_3^2 a_6 a_{10} + \\
 & \frac{4303 \pi^2 a_3^2 a_6 a_{10}}{60480} + \frac{7 \pi^4 a_3^2 a_6 a_{10}}{2880} + \frac{11}{20} a_2 a_4 a_6 a_{10} + \frac{11}{140} \pi^2 a_2 a_4 a_6 a_{10} + \frac{409 a_4^2 a_6 a_{10}}{7560} + \\
 & \frac{1}{576} \pi^2 a_4^2 a_6 a_{10} + \frac{937 a_3 a_5 a_6 a_{10}}{15120} + \frac{929 \pi^2 a_3 a_5 a_6 a_{10}}{100800} + \frac{673 a_5^2 a_6 a_{10}}{129600} + \frac{17 \pi^2 a_5^2 a_6 a_{10}}{133056} + \\
 & \frac{19}{60} a_2 a_6^2 a_{10} + \frac{409 \pi^2 a_2 a_6^2 a_{10}}{3780} + \frac{7 \pi^4 a_2 a_6^2 a_{10}}{2880} + \frac{359 a_4 a_6^2 a_{10}}{5040} + \frac{563 \pi^2 a_4 a_6^2 a_{10}}{67200} + \frac{457 a_6^3 a_{10}}{15120} +
 \end{aligned}$$

$$\begin{aligned}
& \frac{47 \pi^2 a_6^3 a_{10}}{5600} + \frac{7 \pi^4 a_6^3 a_{10}}{42240} + \frac{11}{40} a_2^2 a_7 a_{10} + \frac{11}{280} \pi^2 a_2^2 a_7 a_{10} + \frac{163 a_3^2 a_7 a_{10}}{6048} + \frac{1339 \pi^2 a_3^2 a_7 a_{10}}{201600} + \\
& \frac{409 a_2 a_4 a_7 a_{10}}{3780} + \frac{1}{288} \pi^2 a_2 a_4 a_7 a_{10} + \frac{563 a_4^2 a_7 a_{10}}{67200} + \frac{20063 a_3 a_5 a_7 a_{10}}{1814400} + \frac{\pi^2 a_3 a_5 a_7 a_{10}}{2376} + \\
& \frac{197 a_5^2 a_7 a_{10}}{277200} + \frac{359 a_2 a_6 a_7 a_{10}}{2520} + \frac{563 \pi^2 a_2 a_6 a_7 a_{10}}{33600} + \frac{141 a_4 a_6 a_7 a_{10}}{5600} + \frac{\pi^2 a_4 a_6 a_7 a_{10}}{1408} + \\
& \frac{21757 a_6^2 a_7 a_{10}}{1209600} + \frac{1627 \pi^2 a_6^2 a_7 a_{10}}{887040} + \frac{141 a_2 a_7^2 a_{10}}{11200} + \frac{\pi^2 a_2 a_7^2 a_{10}}{2816} + \frac{1627 a_4 a_7^2 a_{10}}{887040} + \\
& \frac{13063 a_6 a_7^2 a_{10}}{4435200} + \frac{\pi^2 a_6 a_7^2 a_{10}}{13312} + \frac{88069 a_7^3 a_{10}}{645765120} + \frac{11}{40} a_2 a_3 a_8 a_{10} + \frac{1129 \pi^2 a_2 a_3 a_8 a_{10}}{7560} + \\
& \frac{7 \pi^4 a_2 a_3 a_8 a_{10}}{1440} + \frac{1979 a_3 a_4 a_8 a_{10}}{30240} + \frac{341 \pi^2 a_3 a_4 a_8 a_{10}}{25200} + \frac{361 a_2 a_5 a_8 a_{10}}{5040} + \frac{949 \pi^2 a_2 a_5 a_8 a_{10}}{100800} + \\
& \frac{1591 a_4 a_5 a_8 a_{10}}{129600} + \frac{\pi^2 a_4 a_5 a_8 a_{10}}{2376} + \frac{211 a_3 a_6 a_8 a_{10}}{2520} + \frac{2431 \pi^2 a_3 a_6 a_8 a_{10}}{67200} + \frac{7 \pi^4 a_3 a_6 a_8 a_{10}}{7040} + \\
& \frac{33251 a_5 a_6 a_8 a_{10}}{1814400} + \frac{28031 \pi^2 a_5 a_6 a_8 a_{10}}{13305600} + \frac{32009 a_3 a_7 a_8 a_{10}}{1814400} + \frac{8047 \pi^2 a_3 a_7 a_8 a_{10}}{2661120} + \\
& \frac{4349 a_5 a_7 a_8 a_{10}}{1478400} + \frac{5 \pi^2 a_5 a_7 a_8 a_{10}}{54912} + \frac{29}{560} a_2 a_8^2 a_{10} + \frac{1913 \pi^2 a_2 a_8^2 a_{10}}{100800} + \frac{7 \pi^4 a_2 a_8^2 a_{10}}{14080} + \\
& \frac{37381 a_4 a_8^2 a_{10}}{3628800} + \frac{4111 \pi^2 a_4 a_8^2 a_{10}}{2661120} + \frac{81 a_6 a_8^2 a_{10}}{5600} + \frac{421 \pi^2 a_6 a_8^2 a_{10}}{92400} + \frac{7 \pi^4 a_6 a_8^2 a_{10}}{66560} + \\
& \frac{5899 a_7 a_8^2 a_{10}}{2217600} + \frac{75329 \pi^2 a_7 a_8^2 a_{10}}{215255040} + \frac{1147 a_2 a_3 a_9 a_{10}}{15120} + \frac{547 \pi^2 a_2 a_3 a_9 a_{10}}{50400} + \frac{449 a_3 a_4 a_9 a_{10}}{33600} + \\
& \frac{3 \pi^2 a_3 a_4 a_9 a_{10}}{6160} + \frac{563 a_2 a_5 a_9 a_{10}}{45360} + \frac{251 \pi^2 a_2 a_5 a_9 a_{10}}{831600} + \frac{1873 a_4 a_5 a_9 a_{10}}{1108800} + \frac{11749 a_3 a_6 a_9 a_{10}}{604800} + \\
& \frac{5417 \pi^2 a_3 a_6 a_9 a_{10}}{2217600} + \frac{9733 a_5 a_6 a_9 a_{10}}{3326400} + \frac{191 \pi^2 a_5 a_6 a_9 a_{10}}{2882880} + \frac{6073 a_3 a_7 a_9 a_{10}}{1900800} + \frac{\pi^2 a_3 a_7 a_9 a_{10}}{9360} + \\
& \frac{211877 a_5 a_7 a_9 a_{10}}{550368000} + \frac{40217 a_2 a_8 a_9 a_{10}}{1814400} + \frac{2377 \pi^2 a_2 a_8 a_9 a_{10}}{950400} + \frac{11779 a_4 a_8 a_9 a_{10}}{3326400} + \\
& \frac{\pi^2 a_4 a_8 a_9 a_{10}}{9360} + \frac{1237 a_6 a_8 a_9 a_{10}}{221760} + \frac{254827 \pi^2 a_6 a_8 a_9 a_{10}}{448448000} + \frac{569629 a_7 a_8 a_9 a_{10}}{672672000} + \\
& \frac{\pi^2 a_7 a_8 a_9 a_{10}}{42240} + \frac{2909 a_2 a_9^2 a_{10}}{1663200} + \frac{37 \pi^2 a_2 a_9^2 a_{10}}{936000} + \frac{5149 a_4 a_9^2 a_{10}}{22422400} + \frac{1254479 a_6 a_9^2 a_{10}}{3027024000} + \\
& \frac{13 \pi^2 a_6 a_9^2 a_{10}}{1478400} + \frac{30463 a_7 a_9^2 a_{10}}{576576000} + \frac{19}{120} a_2^2 a_{10}^2 + \frac{409 \pi^2 a_2^2 a_{10}^2}{7560} + \frac{7 \pi^4 a_2^2 a_{10}^2}{5760} + \frac{997 a_3^2 a_{10}^2}{60480} + \\
& \frac{6949 \pi^2 a_3^2 a_{10}^2}{806400} + \frac{7 \pi^4 a_3^2 a_{10}^2}{28160} + \frac{359 a_2 a_4 a_{10}^2}{5040} + \frac{563 \pi^2 a_2 a_4 a_{10}^2}{67200} + \frac{141 a_4^2 a_{10}^2}{22400} + \frac{\pi^2 a_4^2 a_{10}^2}{5632} + \\
& \frac{29069 a_3 a_5 a_{10}^2}{3628800} + \frac{27431 \pi^2 a_3 a_5 a_{10}^2}{26611200} + \frac{146429 a_5^2 a_{10}^2}{239500800} + \frac{83 \pi^2 a_5^2 a_{10}^2}{5930496} + \frac{457 a_2 a_6 a_{10}^2}{5040} + \\
& \frac{141 \pi^2 a_2 a_6 a_{10}^2}{5600} + \frac{7 \pi^4 a_2 a_6 a_{10}^2}{14080} + \frac{21757 a_4 a_6 a_{10}^2}{1209600} + \frac{1627 \pi^2 a_4 a_6 a_{10}^2}{887040} + \frac{3737 a_6^2 a_{10}^2}{302400} + \\
& \frac{13063 \pi^2 a_6^2 a_{10}^2}{4435200} + \frac{7 \pi^4 a_6^2 a_{10}^2}{133120} + \frac{21757 a_2 a_7 a_{10}^2}{1209600} + \frac{1627 \pi^2 a_2 a_7 a_{10}^2}{887040} + \frac{13063 a_4 a_7 a_{10}^2}{4435200} + \\
& \frac{\pi^2 a_4 a_7 a_{10}^2}{13312} + \frac{1421 a_6 a_7 a_{10}^2}{316800} + \frac{88069 \pi^2 a_6 a_7 a_{10}^2}{215255040} + \frac{4193641 a_7^2 a_{10}^2}{12108096000} + \frac{\pi^2 a_7^2 a_{10}^2}{122880} + \frac{17477 a_3 a_8 a_{10}^2}{1451520} + \\
& \frac{115697 \pi^2 a_3 a_8 a_{10}^2}{26611200} + \frac{7 \pi^4 a_3 a_8 a_{10}^2}{66560} + \frac{1108007 a_5 a_8 a_{10}^2}{479001600} + \frac{1387601 \pi^2 a_5 a_8 a_{10}^2}{5811886080} +
\end{aligned}$$

$$\begin{aligned}
 & \frac{941\,011\,a_8^2 a_{10}^2}{479\,001\,600} + \frac{79\,314\,709\,\pi^2 a_8^2 a_{10}^2}{145\,297\,152\,000} + \frac{7\,\pi^4 a_8^2 a_{10}^2}{614\,400} + \frac{65\,479\,a_3 a_9 a_{10}^2}{26\,611\,200} + \frac{2\,241\,643\,\pi^2 a_3 a_9 a_{10}^2}{8\,072\,064\,000} + \\
 & \frac{12\,577\,183\,a_5 a_9 a_{10}^2}{36\,324\,288\,000} + \frac{73\,\pi^2 a_5 a_9 a_{10}^2}{9\,884\,160} + \frac{202\,589\,633\,a_8 a_9 a_{10}^2}{290\,594\,304\,000} + \frac{16\,397\,\pi^2 a_8 a_9 a_{10}^2}{251\,596\,800} + \\
 & \frac{47\,711\,a_9^2 a_{10}^2}{968\,647\,680} + \frac{101\,\pi^2 a_9^2 a_{10}^2}{101\,836\,800} + \frac{3737\,a_2 a_{10}^3}{453\,600} + \frac{13\,063\,\pi^2 a_2 a_{10}^3}{6\,652\,800} + \frac{7\,\pi^4 a_2 a_{10}^3}{199\,680} + \frac{1421\,a_4 a_{10}^3}{950\,400} + \\
 & \frac{88\,069\,\pi^2 a_4 a_{10}^3}{645\,765\,120} + \frac{130\,751\,a_6 a_{10}^3}{59\,875\,200} + \frac{4\,193\,641\,\pi^2 a_6 a_{10}^3}{9\,081\,072\,000} + \frac{7\,\pi^4 a_6 a_{10}^3}{921\,600} + \frac{8\,968\,709\,a_7 a_{10}^3}{24\,216\,192\,000} + \\
 & \frac{1423\,\pi^2 a_7 a_{10}^3}{46\,126\,080} + \frac{20\,662\,987\,a_{10}^4}{145\,297\,152\,000} + \frac{264\,263\,\pi^2 a_{10}^4}{9\,686\,476\,800} + \frac{7\,\pi^4 a_{10}^4}{16\,711\,680} + \frac{1}{3} a_2^3 a_{11} + \frac{23}{360} \pi^2 a_2^3 a_{11} + \\
 & \frac{43}{480} a_2 a_3^2 a_{11} + \frac{17}{560} \pi^2 a_2 a_3^2 a_{11} + \frac{7}{30} a_2^2 a_4 a_{11} + \frac{1}{112} \pi^2 a_2^2 a_4 a_{11} + \frac{1301\,a_2^2 a_4 a_{11}}{60\,480} + \\
 & \frac{1}{576} \pi^2 a_2^2 a_4 a_{11} + \frac{11}{280} a_2 a_4^2 a_{11} + \frac{1}{576} a_4^3 a_{11} + \frac{1391\,a_2 a_3 a_5 a_{11}}{30\,240} + \frac{1}{504} \pi^2 a_2 a_3 a_5 a_{11} + \\
 & \frac{81\,a_3 a_4 a_5 a_{11}}{11\,200} + \frac{239\,a_2 a_5^2 a_{11}}{75\,600} + \frac{17\,a_4 a_5^2 a_{11}}{44\,352} + \frac{11}{40} a_2^2 a_6 a_{11} + \frac{11}{280} \pi^2 a_2^2 a_6 a_{11} + \frac{163\,a_2^2 a_6 a_{11}}{6048} + \\
 & \frac{1339\,\pi^2 a_2^2 a_6 a_{11}}{201\,600} + \frac{409\,a_2 a_4 a_6 a_{11}}{3780} + \frac{1}{288} \pi^2 a_2 a_4 a_6 a_{11} + \frac{563\,a_4^2 a_6 a_{11}}{67\,200} + \frac{20\,063\,a_3 a_5 a_6 a_{11}}{1814\,400} + \\
 & \frac{\pi^2 a_3 a_5 a_6 a_{11}}{2376} + \frac{197\,a_5^2 a_6 a_{11}}{277\,200} + \frac{359\,a_2 a_6^2 a_{11}}{5040} + \frac{563\,\pi^2 a_2 a_6^2 a_{11}}{67\,200} + \frac{141\,a_4 a_6^2 a_{11}}{11\,200} + \frac{\pi^2 a_4 a_6^2 a_{11}}{2816} + \\
 & \frac{21\,757\,a_6^3 a_{11}}{3\,628\,800} + \frac{1627\,\pi^2 a_6^3 a_{11}}{2\,661\,120} + \frac{409\,a_2^2 a_7 a_{11}}{7560} + \frac{1}{576} \pi^2 a_2^2 a_7 a_{11} + \frac{247\,a_2^2 a_7 a_{11}}{44\,800} + \frac{\pi^2 a_2^2 a_7 a_{11}}{2816} + \\
 & \frac{563\,a_2 a_4 a_7 a_{11}}{33\,600} + \frac{3\,a_4^2 a_7 a_{11}}{2816} + \frac{7277\,a_3 a_5 a_7 a_{11}}{4\,435\,200} + \frac{83\,a_5^2 a_7 a_{11}}{988\,416} + \frac{141\,a_2 a_6 a_7 a_{11}}{5600} + \\
 & \frac{\pi^2 a_2 a_6 a_7 a_{11}}{1408} + \frac{1627\,a_4 a_6 a_7 a_{11}}{443\,520} + \frac{13\,063\,a_6^2 a_7 a_{11}}{4\,435\,200} + \frac{\pi^2 a_6^2 a_7 a_{11}}{13\,312} + \frac{1627\,a_2 a_7^2 a_{11}}{887\,040} + \frac{3\,a_4 a_7^2 a_{11}}{13\,312} + \\
 & \frac{88\,069\,a_6 a_7^2 a_{11}}{215\,255\,040} + \frac{a_7^3 a_{11}}{61\,440} + \frac{1979\,a_2 a_3 a_8 a_{11}}{30\,240} + \frac{341\,\pi^2 a_2 a_3 a_8 a_{11}}{25\,200} + \frac{839\,a_3 a_4 a_8 a_{11}}{67\,200} + \\
 & \frac{\pi^2 a_3 a_4 a_8 a_{11}}{1408} + \frac{1591\,a_2 a_5 a_8 a_{11}}{129\,600} + \frac{\pi^2 a_2 a_5 a_8 a_{11}}{2376} + \frac{7877\,a_4 a_5 a_8 a_{11}}{4\,435\,200} + \frac{32\,009\,a_3 a_6 a_8 a_{11}}{1814\,400} + \\
 & \frac{8047\,\pi^2 a_3 a_6 a_8 a_{11}}{2\,661\,120} + \frac{4349\,a_5 a_6 a_8 a_{11}}{1\,478\,400} + \frac{5\,\pi^2 a_5 a_6 a_8 a_{11}}{54\,912} + \frac{13\,723\,a_3 a_7 a_8 a_{11}}{4\,435\,200} + \\
 & \frac{\pi^2 a_3 a_7 a_8 a_{11}}{6656} + \frac{43\,843\,a_5 a_7 a_8 a_{11}}{107\,627\,520} + \frac{37\,381\,a_2 a_8^2 a_{11}}{3\,628\,800} + \frac{4111\,\pi^2 a_2 a_8^2 a_{11}}{2\,661\,120} + \frac{171\,a_4 a_8^2 a_{11}}{98\,560} + \\
 & \frac{\pi^2 a_4 a_8^2 a_{11}}{13\,312} + \frac{5899\,a_6 a_8^2 a_{11}}{2\,217\,600} + \frac{75\,329\,\pi^2 a_6 a_8^2 a_{11}}{215\,255\,040} + \frac{103\,511\,a_7 a_8^2 a_{11}}{244\,608\,000} + \frac{\pi^2 a_7 a_8^2 a_{11}}{61\,440} + \\
 & \frac{449\,a_2 a_3 a_9 a_{11}}{33\,600} + \frac{3\,\pi^2 a_2 a_3 a_9 a_{11}}{6160} + \frac{4337\,a_3 a_4 a_9 a_{11}}{2\,217\,600} + \frac{1873\,a_2 a_5 a_9 a_{11}}{1\,108\,800} + \frac{191\,a_4 a_5 a_9 a_{11}}{960\,960} + \\
 & \frac{6073\,a_3 a_6 a_9 a_{11}}{1\,900\,800} + \frac{\pi^2 a_3 a_6 a_9 a_{11}}{9360} + \frac{211\,877\,a_5 a_6 a_9 a_{11}}{550\,368\,000} + \frac{603\,481\,a_3 a_7 a_9 a_{11}}{1\,345\,344\,000} + \frac{73\,a_5 a_7 a_9 a_{11}}{1\,647\,360} + \\
 & \frac{11\,779\,a_2 a_8 a_9 a_{11}}{3\,326\,400} + \frac{\pi^2 a_2 a_8 a_9 a_{11}}{9360} + \frac{19\,857\,a_4 a_8 a_9 a_{11}}{40\,768\,000} + \frac{569\,629\,a_6 a_8 a_9 a_{11}}{672\,672\,000} + \\
 & \frac{\pi^2 a_6 a_8 a_9 a_{11}}{42\,240} + \frac{121\,a_7 a_8 a_9 a_{11}}{1\,075\,200} + \frac{5149\,a_2 a_9^2 a_{11}}{22\,422\,400} + \frac{13\,a_4 a_9^2 a_{11}}{492\,800} + \frac{30\,463\,a_6 a_9^2 a_{11}}{576\,576\,000} + \\
 & \frac{101\,a_7 a_9^2 a_{11}}{16\,972\,800} + \frac{359\,a_2^2 a_{10} a_{11}}{5040} + \frac{563\,\pi^2 a_2^2 a_{10} a_{11}}{67\,200} + \frac{725\,a_3^2 a_{10} a_{11}}{96\,768} + \frac{41\,\pi^2 a_3^2 a_{10} a_{11}}{27\,720} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{141 a_2 a_4 a_{10} a_{11}}{5600} + \frac{\pi^2 a_2 a_4 a_{10} a_{11}}{1408} + \frac{1627 a_4^2 a_{10} a_{11}}{887040} + \frac{23563 a_3 a_5 a_{10} a_{11}}{8870400} + \frac{5\pi^2 a_3 a_5 a_{10} a_{11}}{54912} + \\
 & \frac{195691 a_5^2 a_{10} a_{11}}{1210809600} + \frac{21757 a_2 a_6 a_{10} a_{11}}{604800} + \frac{1627 \pi^2 a_2 a_6 a_{10} a_{11}}{443520} + \frac{13063 a_4 a_6 a_{10} a_{11}}{2217600} + \\
 & \frac{\pi^2 a_4 a_6 a_{10} a_{11}}{6656} + \frac{1421 a_6^2 a_{10} a_{11}}{316800} + \frac{88069 \pi^2 a_6^2 a_{10} a_{11}}{215255040} + \frac{13063 a_2 a_7 a_{10} a_{11}}{2217600} + \\
 & \frac{\pi^2 a_2 a_7 a_{10} a_{11}}{6656} + \frac{88069 a_4 a_7 a_{10} a_{11}}{107627520} + \frac{4193641 a_6 a_7 a_{10} a_{11}}{3027024000} + \frac{\pi^2 a_6 a_7 a_{10} a_{11}}{30720} + \\
 & \frac{1423 a_7^2 a_{10} a_{11}}{15375360} + \frac{4559 a_3 a_8 a_{10} a_{11}}{985600} + \frac{12269 \pi^2 a_3 a_8 a_{10} a_{11}}{17937920} + \frac{1552433 a_5 a_8 a_{10} a_{11}}{2201472000} + \\
 & \frac{\pi^2 a_5 a_8 a_{10} a_{11}}{49920} + \frac{1216867 a_8^2 a_{10} a_{11}}{1793792000} + \frac{2461 \pi^2 a_8^2 a_{10} a_{11}}{30750720} + \frac{3711157 a_3 a_9 a_{10} a_{11}}{4843238400} + \\
 & \frac{\pi^2 a_3 a_9 a_{10} a_{11}}{42240} + \frac{54959 a_5 a_9 a_{10} a_{11}}{620928000} + \frac{546241 a_8 a_9 a_{10} a_{11}}{2690688000} + \frac{3 \pi^2 a_8 a_9 a_{10} a_{11}}{565760} + \\
 & \frac{50412979 a_9^2 a_{10} a_{11}}{4116752640000} + \frac{1421 a_2 a_{10}^2 a_{11}}{316800} + \frac{88069 \pi^2 a_2 a_{10}^2 a_{11}}{215255040} + \frac{4193641 a_4 a_{10}^2 a_{11}}{6054048000} + \\
 & \frac{\pi^2 a_4 a_{10}^2 a_{11}}{61440} + \frac{8968709 a_6 a_{10}^2 a_{11}}{8072064000} + \frac{1423 \pi^2 a_6 a_{10}^2 a_{11}}{15375360} + \frac{264263 a_7 a_{10}^2 a_{11}}{1614412800} + \frac{\pi^2 a_7 a_{10}^2 a_{11}}{278528} + \\
 & \frac{39838781 a_{10}^3 a_{11}}{435891456000} + \frac{1593269 \pi^2 a_{10}^3 a_{11}}{225833287680} + \frac{141 a_2^2 a_{11}^2}{22400} + \frac{\pi^2 a_2^2 a_{11}^2}{5632} + \frac{3491 a_3^2 a_{11}^2}{5068800} + \frac{\pi^2 a_3^2 a_{11}^2}{26624} + \\
 & \frac{1627 a_2 a_4 a_{11}^2}{887040} + \frac{3 a_4^2 a_{11}^2}{26624} + \frac{364207 a_3 a_5 a_{11}^2}{1937295360} + \frac{41 a_5^2 a_{11}^2}{4392960} + \frac{13063 a_2 a_6 a_{11}^2}{4435200} + \frac{\pi^2 a_2 a_6 a_{11}^2}{13312} + \\
 & \frac{88069 a_4 a_6 a_{11}^2}{215255040} + \frac{4193641 a_6^2 a_{11}^2}{12108096000} + \frac{\pi^2 a_6^2 a_{11}^2}{122880} + \frac{88069 a_2 a_7 a_{11}^2}{215255040} + \frac{a_4 a_7 a_{11}^2}{20480} + \frac{1423 a_6 a_7 a_{11}^2}{15375360} + \\
 & \frac{3 a_7^2 a_{11}^2}{557056} + \frac{1362103 a_3 a_8 a_{11}^2}{3587584000} + \frac{\pi^2 a_3 a_8 a_{11}^2}{61440} + \frac{24319 a_5 a_8 a_{11}^2}{516612096} + \frac{1217 a_8^2 a_{11}^2}{23654400} + \frac{\pi^2 a_8^2 a_{11}^2}{557056} + \\
 & \frac{47849 a_3 a_9 a_{11}^2}{922521600} + \frac{373 a_5 a_9 a_{11}^2}{74680320} + \frac{1326653 a_8 a_9 a_{11}^2}{101335449600} + \frac{29 a_9^2 a_{11}^2}{42803200} + \frac{4193641 a_2 a_{10} a_{11}^2}{6054048000} + \\
 & \frac{\pi^2 a_2 a_{10} a_{11}^2}{61440} + \frac{1423 a_4 a_{10} a_{11}^2}{15375360} + \frac{264263 a_6 a_{10} a_{11}^2}{1614412800} + \frac{\pi^2 a_6 a_{10} a_{11}^2}{278528} + \frac{1593269 a_7 a_{10} a_{11}^2}{75277762560} + \\
 & \frac{4651811 a_{10}^2 a_{11}^2}{239520153600} + \frac{\pi^2 a_{10}^2 a_{11}^2}{2490368} + \frac{1423 a_2 a_{11}^3}{46126080} + \frac{a_4 a_{11}^3}{278528} + \frac{1593269 a_6 a_{11}^3}{225833287680} + \frac{a_7 a_{11}^3}{1245184} + \\
 & \frac{7759469 a_{10} a_{11}^3}{4767591628800} + \frac{a_{11}^4}{22020096} + \frac{1}{2} a_2^2 a_3 a_{12} + \frac{221}{720} \pi^2 a_2^2 a_3 a_{12} + \frac{1}{80} \pi^4 a_2^2 a_3 a_{12} + \frac{53 a_3^3 a_{12}}{2880} + \\
 & \frac{1451 \pi^2 a_3^3 a_{12}}{90720} + \frac{7 \pi^4 a_3^3 a_{12}}{8640} + \frac{41}{144} a_2 a_3 a_4 a_{12} + \frac{223 \pi^2 a_2 a_3 a_4 a_{12}}{3780} + \frac{1601 a_3 a_4^2 a_{12}}{60480} + \\
 & \frac{1}{576} \pi^2 a_3 a_4^2 a_{12} + \frac{23}{180} a_2^2 a_5 a_{12} + \frac{47 \pi^2 a_2^2 a_5 a_{12}}{2016} + \frac{407 a_3^2 a_5 a_{12}}{24192} + \frac{6817 \pi^2 a_3^2 a_5 a_{12}}{1814400} + \\
 & \frac{1613 a_2 a_4 a_5 a_{12}}{30240} + \frac{1}{504} \pi^2 a_2 a_4 a_5 a_{12} + \frac{349 a_4^2 a_5 a_{12}}{86400} + \frac{1397 a_3 a_5^2 a_{12}}{453600} + \frac{17 \pi^2 a_3 a_5^2 a_{12}}{133056} + \\
 & \frac{1319 a_3^3 a_{12}}{9979200} + \frac{47}{144} a_2 a_3 a_6 a_{12} + \frac{1517 \pi^2 a_2 a_3 a_6 a_{12}}{10080} + \frac{7 \pi^4 a_2 a_3 a_6 a_{12}}{1440} + \frac{2189 a_3 a_4 a_6 a_{12}}{30240} + \\
 & \frac{451 \pi^2 a_3 a_4 a_6 a_{12}}{33600} + \frac{1139 a_2 a_5 a_6 a_{12}}{15120} + \frac{1231 \pi^2 a_2 a_5 a_6 a_{12}}{129600} + \frac{4609 a_4 a_5 a_6 a_{12}}{362880} + \\
 & \frac{\pi^2 a_4 a_5 a_6 a_{12}}{2376} + \frac{949 a_3 a_6^2 a_{12}}{20160} + \frac{3167 \pi^2 a_3 a_6^2 a_{12}}{172800} + \frac{7 \pi^4 a_3 a_6^2 a_{12}}{14080} + \frac{3893 a_5 a_6^2 a_{12}}{403200} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{28\,207\pi^2 a_5 a_6^2 a_{12}}{26\,611\,200} + \frac{2189 a_2 a_3 a_7 a_{12}}{30\,240} + \frac{451\pi^2 a_2 a_3 a_7 a_{12}}{33\,600} + \frac{7907 a_3 a_4 a_7 a_{12}}{604\,800} + \\
 & \frac{\pi^2 a_3 a_4 a_7 a_{12}}{1408} + \frac{4609 a_2 a_5 a_7 a_{12}}{362\,880} + \frac{\pi^2 a_2 a_5 a_7 a_{12}}{2376} + \frac{8053 a_4 a_5 a_7 a_{12}}{4\,435\,200} + \frac{22\,973 a_3 a_6 a_7 a_{12}}{1\,209\,600} + \\
 & \frac{1343\pi^2 a_3 a_6 a_7 a_{12}}{443\,520} + \frac{48\,661 a_5 a_6 a_7 a_{12}}{15\,966\,720} + \frac{5\pi^2 a_5 a_6 a_7 a_{12}}{54\,912} + \frac{5729 a_3 a_7^2 a_{12}}{3\,548\,160} + \frac{\pi^2 a_3 a_7^2 a_{12}}{13\,312} + \\
 & \frac{817 a_5 a_7^2 a_{12}}{3\,913\,728} + \frac{89}{480} a_2^2 a_8 a_{12} + \frac{2467\pi^2 a_2^2 a_8 a_{12}}{30\,240} + \frac{7\pi^4 a_2^2 a_8 a_{12}}{2880} + \frac{307 a_3^2 a_8 a_{12}}{13\,440} + \\
 & \frac{167\pi^2 a_3^2 a_8 a_{12}}{12\,960} + \frac{7\pi^4 a_3^2 a_8 a_{12}}{14\,080} + \frac{883 a_2 a_4 a_8 a_{12}}{10\,080} + \frac{689\pi^2 a_2 a_4 a_8 a_{12}}{50\,400} + \frac{367 a_4^2 a_8 a_{12}}{48\,384} + \\
 & \frac{\pi^2 a_4^2 a_8 a_{12}}{2816} + \frac{37\,949 a_3 a_5 a_8 a_{12}}{3\,628\,800} + \frac{23\,207\pi^2 a_3 a_5 a_8 a_{12}}{13\,305\,600} + \frac{98\,183 a_5^2 a_8 a_{12}}{119\,750\,400} + \frac{83\pi^2 a_5^2 a_8 a_{12}}{2\,965\,248} + \\
 & \frac{1727 a_2 a_6 a_8 a_{12}}{15\,120} + \frac{69\,989\pi^2 a_2 a_6 a_8 a_{12}}{1\,814\,400} + \frac{7\pi^4 a_2 a_6 a_8 a_{12}}{7040} + \frac{40\,217 a_4 a_6 a_8 a_{12}}{1\,814\,400} + \\
 & \frac{8233\pi^2 a_4 a_6 a_8 a_{12}}{2\,661\,120} + \frac{19\,013 a_6^2 a_8 a_{12}}{1\,209\,600} + \frac{2465\pi^2 a_6^2 a_8 a_{12}}{532\,224} + \frac{7\pi^4 a_6^2 a_8 a_{12}}{66\,560} + \frac{40\,217 a_2 a_7 a_8 a_{12}}{1\,814\,400} + \\
 & \frac{8233\pi^2 a_2 a_7 a_8 a_{12}}{2\,661\,120} + \frac{8069 a_4 a_7 a_8 a_{12}}{2\,217\,600} + \frac{\pi^2 a_4 a_7 a_8 a_{12}}{6656} + \frac{1\,354\,319 a_6 a_7 a_8 a_{12}}{239\,500\,800} + \\
 & \frac{255\,589\pi^2 a_6 a_7 a_8 a_{12}}{363\,242\,880} + \frac{42\,784\,057 a_7^2 a_8 a_{12}}{96\,864\,768\,000} + \frac{\pi^2 a_7^2 a_8 a_{12}}{61\,440} + \frac{58\,901 a_3 a_8^2 a_{12}}{7\,257\,600} + \\
 & \frac{59\,623\pi^2 a_3 a_8^2 a_{12}}{17\,740\,800} + \frac{7\pi^4 a_3 a_8^2 a_{12}}{66\,560} + \frac{35\,047 a_5 a_8^2 a_{12}}{22\,809\,600} + \frac{44\,207\pi^2 a_5 a_8^2 a_{12}}{215\,255\,040} + \frac{60\,281 a_8^3 a_{12}}{68\,428\,800} + \\
 & \frac{83\,774\,413\pi^2 a_8^3 a_{12}}{290\,594\,304\,000} + \frac{7\pi^4 a_8^3 a_{12}}{921\,600} + \frac{431 a_2^2 a_9 a_{12}}{10\,080} + \frac{67\pi^2 a_2^2 a_9 a_{12}}{11\,200} + \frac{107 a_3^2 a_9 a_{12}}{20\,160} + \\
 & \frac{13\,619\pi^2 a_2^2 a_9 a_{12}}{13\,305\,600} + \frac{4723 a_2 a_4 a_9 a_{12}}{302\,400} + \frac{3\pi^2 a_2 a_4 a_9 a_{12}}{6160} + \frac{989 a_4^2 a_9 a_{12}}{887\,040} + \frac{2201 a_3 a_5 a_9 a_{12}}{1\,247\,400} + \\
 & \frac{191\pi^2 a_3 a_5 a_9 a_{12}}{2\,882\,880} + \frac{53\,927 a_5^2 a_9 a_{12}}{504\,504\,000} + \frac{14\,057 a_2 a_6 a_9 a_{12}}{604\,800} + \frac{16\,859\pi^2 a_2 a_6 a_9 a_{12}}{6\,652\,800} + \\
 & \frac{48\,997 a_4 a_6 a_9 a_{12}}{13\,305\,600} + \frac{\pi^2 a_4 a_6 a_9 a_{12}}{9360} + \frac{701\,893 a_6^2 a_9 a_{12}}{239\,500\,800} + \frac{20\,825\,899\pi^2 a_6^2 a_9 a_{12}}{72\,648\,576\,000} + \\
 & \frac{48\,997 a_2 a_7 a_9 a_{12}}{13\,305\,600} + \frac{\pi^2 a_2 a_7 a_9 a_{12}}{9360} + \frac{6\,082\,441 a_4 a_7 a_9 a_{12}}{12\,108\,096\,000} + \frac{21\,299\,891 a_6 a_7 a_9 a_{12}}{24\,216\,192\,000} + \\
 & \frac{\pi^2 a_6 a_7 a_9 a_{12}}{42\,240} + \frac{10\,693 a_7^2 a_9 a_{12}}{184\,504\,320} + \frac{770\,489 a_3 a_8 a_9 a_{12}}{239\,500\,800} + \frac{17\,411\,299\pi^2 a_3 a_8 a_9 a_{12}}{36\,324\,288\,000} + \\
 & \frac{1\,551\,919 a_5 a_8 a_9 a_{12}}{3\,302\,208\,000} + \frac{73\pi^2 a_5 a_8 a_9 a_{12}}{4\,942\,080} + \frac{135\,539\,923 a_8^2 a_9 a_{12}}{290\,594\,304\,000} + \frac{22\,469\pi^2 a_8^2 a_9 a_{12}}{395\,366\,400} + \\
 & \frac{1\,537\,567 a_3 a_9^2 a_{12}}{6\,054\,048\,000} + \frac{13\pi^2 a_3 a_9^2 a_{12}}{1\,478\,400} + \frac{40\,961 a_5 a_9^2 a_{12}}{1\,397\,088\,000} + \frac{327\,917 a_8 a_9^2 a_{12}}{4\,843\,238\,400} + \frac{101\pi^2 a_8 a_9^2 a_{12}}{50\,918\,400} + \\
 & \frac{16\,376 a_9^3 a_{12}}{6\,030\,399\,375} + \frac{949 a_2 a_3 a_{10} a_{12}}{10\,080} + \frac{3167\pi^2 a_2 a_3 a_{10} a_{12}}{86\,400} + \frac{7\pi^4 a_2 a_3 a_{10} a_{12}}{7040} + \\
 & \frac{22\,973 a_3 a_4 a_{10} a_{12}}{1\,209\,600} + \frac{1343\pi^2 a_3 a_4 a_{10} a_{12}}{443\,520} + \frac{3893 a_2 a_5 a_{10} a_{12}}{201\,600} + \frac{28\,207\pi^2 a_2 a_5 a_{10} a_{12}}{13\,305\,600} + \\
 & \frac{48\,661 a_4 a_5 a_{10} a_{12}}{15\,966\,720} + \frac{5\pi^2 a_4 a_5 a_{10} a_{12}}{54\,912} + \frac{10\,639 a_3 a_6 a_{10} a_{12}}{403\,200} + \frac{78\,367\pi^2 a_3 a_6 a_{10} a_{12}}{8\,870\,400} + \\
 & \frac{7\pi^4 a_3 a_6 a_{10} a_{12}}{33\,280} + \frac{1\,165\,427 a_5 a_6 a_{10} a_{12}}{239\,500\,800} + \frac{127\,039\pi^2 a_5 a_6 a_{10} a_{12}}{264\,176\,640} + \frac{294\,881 a_3 a_7 a_{10} a_{12}}{59\,875\,200} +
 \end{aligned}$$

$$\begin{aligned}
& \frac{1\,998\,407\,\pi^2\,a_3\,a_7\,a_{10}\,a_{12}}{2\,905\,943\,040} + \frac{35\,426\,707\,a_5\,a_7\,a_{10}\,a_{12}}{48\,432\,384\,000} + \frac{\pi^2\,a_5\,a_7\,a_{10}\,a_{12}}{49\,920} + \frac{19\,013\,a_2\,a_8\,a_{10}\,a_{12}}{604\,800} + \\
& \frac{2465\,\pi^2\,a_2\,a_8\,a_{10}\,a_{12}}{266\,112} + \frac{7\,\pi^4\,a_2\,a_8\,a_{10}\,a_{12}}{33\,280} + \frac{1\,354\,319\,a_4\,a_8\,a_{10}\,a_{12}}{239\,500\,800} + \frac{255\,589\,\pi^2\,a_4\,a_8\,a_{10}\,a_{12}}{363\,242\,880} + \\
& \frac{134\,923\,a_6\,a_8\,a_{10}\,a_{12}}{15\,966\,720} + \frac{107\,580\,013\,\pi^2\,a_6\,a_8\,a_{10}\,a_{12}}{48\,432\,384\,000} + \frac{7\,\pi^4\,a_6\,a_8\,a_{10}\,a_{12}}{153\,600} + \frac{1\,388\,749\,a_7\,a_8\,a_{10}\,a_{12}}{968\,647\,680} + \\
& \frac{29\,749\,\pi^2\,a_7\,a_8\,a_{10}\,a_{12}}{184\,504\,320} + \frac{701\,893\,a_2\,a_9\,a_{10}\,a_{12}}{119\,750\,400} + \frac{20\,825\,899\,\pi^2\,a_2\,a_9\,a_{10}\,a_{12}}{36\,324\,288\,000} + \\
& \frac{21\,299\,891\,a_4\,a_9\,a_{10}\,a_{12}}{24\,216\,192\,000} + \frac{\pi^2\,a_4\,a_9\,a_{10}\,a_{12}}{42\,240} + \frac{70\,880\,801\,a_6\,a_9\,a_{10}\,a_{12}}{48\,432\,384\,000} + \frac{8663\,\pi^2\,a_6\,a_9\,a_{10}\,a_{12}}{65\,894\,400} + \\
& \frac{12\,253\,897\,a_7\,a_9\,a_{10}\,a_{12}}{58\,118\,860\,800} + \frac{3\,\pi^2\,a_7\,a_9\,a_{10}\,a_{12}}{565\,760} + \frac{86\,287\,a_3\,a_{10}^2\,a_{12}}{23\,950\,080} + \frac{44\,040\,877\,\pi^2\,a_3\,a_{10}^2\,a_{12}}{41\,513\,472\,000} + \\
& \frac{7\,\pi^4\,a_3\,a_{10}^2\,a_{12}}{307\,200} + \frac{159\,070\,733\,a_5\,a_{10}^2\,a_{12}}{261\,534\,873\,600} + \frac{295\,573\,\pi^2\,a_5\,a_{10}^2\,a_{12}}{5\,364\,817\,920} + \frac{5\,845\,150\,111\,a_8\,a_{10}^2\,a_{12}}{5\,230\,697\,472\,000} + \\
& \frac{92\,862\,173\,\pi^2\,a_8\,a_{10}^2\,a_{12}}{348\,713\,164\,800} + \frac{7\,\pi^4\,a_8\,a_{10}^2\,a_{12}}{1\,392\,640} + \frac{317\,116\,493\,a_9\,a_{10}^2\,a_{12}}{1\,743\,565\,824\,000} + \frac{60\,062\,803\,\pi^2\,a_9\,a_{10}^2\,a_{12}}{3\,952\,082\,534\,400} + \\
& \frac{22\,973\,a_2\,a_3\,a_{11}\,a_{12}}{1\,209\,600} + \frac{1343\,\pi^2\,a_2\,a_3\,a_{11}\,a_{12}}{443\,520} + \frac{5729\,a_3\,a_4\,a_{11}\,a_{12}}{1\,774\,080} + \frac{\pi^2\,a_3\,a_4\,a_{11}\,a_{12}}{6656} + \\
& \frac{48\,661\,a_2\,a_5\,a_{11}\,a_{12}}{15\,966\,720} + \frac{5\,\pi^2\,a_2\,a_5\,a_{11}\,a_{12}}{54\,912} + \frac{817\,a_4\,a_5\,a_{11}\,a_{12}}{1\,956\,864} + \frac{294\,881\,a_3\,a_6\,a_{11}\,a_{12}}{59\,875\,200} + \\
& \frac{1\,998\,407\,\pi^2\,a_3\,a_6\,a_{11}\,a_{12}}{2\,905\,943\,040} + \frac{35\,426\,707\,a_5\,a_6\,a_{11}\,a_{12}}{48\,432\,384\,000} + \frac{\pi^2\,a_5\,a_6\,a_{11}\,a_{12}}{49\,920} + \frac{12\,783\,269\,a_3\,a_7\,a_{11}\,a_{12}}{16\,144\,128\,000} + \\
& \frac{\pi^2\,a_3\,a_7\,a_{11}\,a_{12}}{30\,720} + \frac{86\,503\,a_5\,a_7\,a_{11}\,a_{12}}{894\,136\,320} + \frac{1\,354\,319\,a_2\,a_8\,a_{11}\,a_{12}}{239\,500\,800} + \frac{255\,589\,\pi^2\,a_2\,a_8\,a_{11}\,a_{12}}{363\,242\,880} + \\
& \frac{42\,784\,057\,a_4\,a_8\,a_{11}\,a_{12}}{48\,432\,384\,000} + \frac{\pi^2\,a_4\,a_8\,a_{11}\,a_{12}}{30\,720} + \frac{1\,388\,749\,a_6\,a_8\,a_{11}\,a_{12}}{968\,647\,680} + \frac{29\,749\,\pi^2\,a_6\,a_8\,a_{11}\,a_{12}}{184\,504\,320} + \\
& \frac{55\,397\,a_7\,a_8\,a_{11}\,a_{12}}{258\,306\,048} + \frac{\pi^2\,a_7\,a_8\,a_{11}\,a_{12}}{139\,264} + \frac{21\,299\,891\,a_2\,a_9\,a_{11}\,a_{12}}{24\,216\,192\,000} + \frac{\pi^2\,a_2\,a_9\,a_{11}\,a_{12}}{42\,240} + \\
& \frac{10\,693\,a_4\,a_9\,a_{11}\,a_{12}}{92\,252\,160} + \frac{12\,253\,897\,a_6\,a_9\,a_{11}\,a_{12}}{58\,118\,860\,800} + \frac{3\,\pi^2\,a_6\,a_9\,a_{11}\,a_{12}}{565\,760} + \frac{1\,184\,863\,a_7\,a_9\,a_{11}\,a_{12}}{43\,912\,028\,160} + \\
& \frac{122\,157\,793\,a_3\,a_{10}\,a_{11}\,a_{12}}{96\,864\,768\,000} + \frac{227\,\pi^2\,a_3\,a_{10}\,a_{11}\,a_{12}}{1\,441\,440} + \frac{14\,582\,849\,a_5\,a_{10}\,a_{11}\,a_{12}}{83\,026\,944\,000} + \frac{7\,\pi^2\,a_5\,a_{10}\,a_{11}\,a_{12}}{1\,566\,720} + \\
& \frac{209\,892\,223\,a_8\,a_{10}\,a_{11}\,a_{12}}{581\,188\,608\,000} + \frac{700\,423\,\pi^2\,a_8\,a_{10}\,a_{11}\,a_{12}}{18\,819\,440\,640} + \frac{1\,667\,900\,203\,a_9\,a_{10}\,a_{11}\,a_{12}}{32\,934\,021\,120\,000} + \\
& \frac{7\,\pi^2\,a_9\,a_{10}\,a_{11}\,a_{12}}{5\,836\,800} + \frac{4\,492\,651\,a_3\,a_{11}^2\,a_{12}}{46\,495\,088\,640} + \frac{\pi^2\,a_3\,a_{11}^2\,a_{12}}{278\,528} + \frac{169\,693\,a_5\,a_{11}^2\,a_{12}}{15\,055\,552\,512} + \\
& \frac{702\,953\,a_8\,a_{11}^2\,a_{12}}{27\,022\,786\,560} + \frac{\pi^2\,a_8\,a_{11}^2\,a_{12}}{1\,245\,184} + \frac{1\,368\,973\,a_9\,a_{11}^2\,a_{12}}{433\,417\,420\,800} + \frac{37\,a_2^2\,a_{12}^2}{1260} + \frac{72\,853\,\pi^2\,a_2^2\,a_{12}^2}{7\,257\,600} + \\
& \frac{7\,\pi^4\,a_2^2\,a_{12}^2}{28\,160} + \frac{105\,517\,a_3^2\,a_{12}^2}{29\,030\,400} + \frac{780\,889\,\pi^2\,a_3^2\,a_{12}^2}{479\,001\,600} + \frac{7\,\pi^4\,a_3^2\,a_{12}^2}{133\,120} + \frac{5837\,a_2\,a_4\,a_{12}^2}{483\,840} + \\
& \frac{229\,\pi^2\,a_2\,a_4\,a_{12}^2}{147\,840} + \frac{1775\,a_4^2\,a_{12}^2}{1\,824\,768} + \frac{\pi^2\,a_4^2\,a_{12}^2}{26\,624} + \frac{274\,243\,a_3\,a_5\,a_{12}^2}{191\,600\,640} + \frac{1\,173\,037\,\pi^2\,a_3\,a_5\,a_{12}^2}{5\,811\,886\,080} + \\
& \frac{84\,727\,a_5^2\,a_{12}^2}{825\,552\,000} + \frac{41\,\pi^2\,a_5^2\,a_{12}^2}{13\,178\,880} + \frac{61\,513\,a_2\,a_6\,a_{12}^2}{3\,628\,800} + \frac{2\,261\,213\,\pi^2\,a_2\,a_6\,a_{12}^2}{479\,001\,600} + \frac{7\,\pi^4\,a_2\,a_6\,a_{12}^2}{66\,560} + \\
& \frac{288\,587\,a_4\,a_6\,a_{12}^2}{95\,800\,320} + \frac{2\,055\,541\,\pi^2\,a_4\,a_6\,a_{12}^2}{5\,811\,886\,080} + \frac{723\,433\,a_6^2\,a_{12}^2}{319\,334\,400} + \frac{65\,704\,909\,\pi^2\,a_6^2\,a_{12}^2}{116\,237\,721\,600} +
\end{aligned}$$

$$\begin{aligned}
 & \frac{7 \pi^4 a_6^2 a_{12}^2}{614\,400} + \frac{288\,587 a_2 a_7 a_{12}^2}{95\,800\,320} + \frac{2\,055\,541 \pi^2 a_2 a_7 a_{12}^2}{5\,811\,886\,080} + \frac{44\,881\,061 a_4 a_7 a_{12}^2}{96\,864\,768\,000} + \frac{\pi^2 a_4 a_7 a_{12}^2}{61\,440} + \\
 & \frac{52\,852\,273 a_6 a_7 a_{12}^2}{69\,742\,632\,960} + \frac{14\,983 \pi^2 a_6 a_7 a_{12}^2}{184\,504\,320} + \frac{473\,113 a_7^2 a_{12}^2}{8\,453\,652\,480} + \frac{\pi^2 a_7^2 a_{12}^2}{557\,056} + \frac{2\,314\,883 a_3 a_8 a_{12}^2}{958\,003\,200} + \\
 & \frac{3\,484\,651 \pi^2 a_3 a_8 a_{12}^2}{4\,151\,347\,200} + \frac{7 \pi^4 a_3 a_8 a_{12}^2}{307\,200} + \frac{17\,191\,513 a_5 a_8 a_{12}^2}{41\,845\,579\,776} + \frac{3\,343\,433 \pi^2 a_5 a_8 a_{12}^2}{69\,742\,632\,960} + \\
 & \frac{197\,612\,951 a_8^2 a_{12}^2}{523\,069\,747\,200} + \frac{13\,605\,197 \pi^2 a_8^2 a_{12}^2}{126\,804\,787\,200} + \frac{7 \pi^4 a_8^2 a_{12}^2}{2\,785\,280} + \frac{11\,848\,099 a_3 a_9 a_{12}^2}{27\,243\,216\,000} + \\
 & \frac{51\,593 \pi^2 a_3 a_9 a_{12}^2}{922\,521\,600} + \frac{1\,223\,119 a_5 a_9 a_{12}^2}{20\,756\,736\,000} + \frac{373 \pi^2 a_5 a_9 a_{12}^2}{224\,040\,960} + \frac{39\,240\,787 a_8 a_9 a_{12}^2}{317\,011\,968\,000} + \\
 & \frac{52\,792\,379 \pi^2 a_8 a_9 a_{12}^2}{3\,952\,082\,534\,400} + \frac{1\,260\,251\,299 a_8^2 a_{12}^2}{148\,203\,095\,040\,000} + \frac{29 \pi^2 a_8^2 a_{12}^2}{128\,409\,600} + \frac{723\,433 a_2 a_{10} a_{12}^2}{159\,667\,200} + \\
 & \frac{65\,704\,909 \pi^2 a_2 a_{10} a_{12}^2}{58\,118\,860\,800} + \frac{7 \pi^4 a_2 a_{10} a_{12}^2}{307\,200} + \frac{52\,852\,273 a_4 a_{10} a_{12}^2}{69\,742\,632\,960} + \frac{14\,983 \pi^2 a_4 a_{10} a_{12}^2}{184\,504\,320} + \\
 & \frac{23\,082\,611 a_6 a_{10} a_{12}^2}{19\,372\,953\,600} + \frac{2\,333\,927 \pi^2 a_6 a_{10} a_{12}^2}{8\,610\,201\,600} + \frac{7 \pi^4 a_6 a_{10} a_{12}^2}{1\,392\,640} + \frac{4\,419\,929 a_7 a_{10} a_{12}^2}{23\,247\,544\,320} + \\
 & \frac{1\,412\,627 \pi^2 a_7 a_{10} a_{12}^2}{75\,277\,762\,560} + \frac{972\,803\,389 a_{10}^2 a_{12}^2}{6\,276\,836\,966\,400} + \frac{9\,256\,228\,021 \pi^2 a_{10}^2 a_{12}^2}{284\,549\,942\,476\,800} + \frac{7 \pi^4 a_{10}^2 a_{12}^2}{12\,451\,840} + \\
 & \frac{52\,852\,273 a_2 a_{11} a_{12}^2}{69\,742\,632\,960} + \frac{14\,983 \pi^2 a_2 a_{11} a_{12}^2}{184\,504\,320} + \frac{473\,113 a_4 a_{11} a_{12}^2}{4\,226\,826\,240} + \frac{\pi^2 a_4 a_{11} a_{12}^2}{278\,528} + \\
 & \frac{4\,419\,929 a_6 a_{11} a_{12}^2}{23\,247\,544\,320} + \frac{1\,412\,627 \pi^2 a_6 a_{11} a_{12}^2}{75\,277\,762\,560} + \frac{19\,773\,869 a_7 a_{11} a_{12}^2}{729\,615\,237\,120} + \frac{\pi^2 a_7 a_{11} a_{12}^2}{1\,245\,184} + \\
 & \frac{1\,391\,372\,449 a_{10} a_{11} a_{12}^2}{29\,274\,685\,440\,000} + \frac{7\,799\,849 \pi^2 a_{10} a_{11} a_{12}^2}{1\,787\,846\,860\,800} + \frac{2\,208\,869\,431 a_{11}^2 a_{12}^2}{672\,802\,530\,656\,256} + \frac{\pi^2 a_{11}^2 a_{12}^2}{11\,010\,048} + \\
 & \frac{32\,359\,693 a_3 a_{12}^3}{139\,485\,265\,920} + \frac{1\,616\,149 \pi^2 a_3 a_{12}^3}{23\,247\,544\,320} + \frac{7 \pi^4 a_3 a_{12}^3}{4\,177\,920} + \frac{30\,291\,083 a_5 a_{12}^3}{836\,911\,595\,520} + \frac{169\,693 \pi^2 a_5 a_{12}^3}{45\,166\,657\,536} + \\
 & \frac{16\,082\,551 a_8 a_{12}^3}{16\,082\,551} + \frac{121\,105 \pi^2 a_8 a_{12}^3}{6\,840\,142\,848} + \frac{7 \pi^4 a_8 a_{12}^3}{18\,677\,760} + \frac{1\,608\,359\,141 a_9 a_{12}^3}{148\,203\,095\,040\,000} + \frac{1\,368\,973 \pi^2 a_9 a_{12}^3}{1\,300\,252\,262\,400} + \\
 & \frac{6\,624\,515\,533 a_{12}^4}{1\,365\,839\,723\,888\,640} + \frac{2\,208\,869\,431 \pi^2 a_{12}^4}{2\,018\,407\,591\,968\,768} + \frac{\pi^4 a_{12}^4}{47\,185\,920} + \frac{19}{120} a_2^2 a_3 a_{13} + \frac{29 \pi^2 a_2^2 a_3 a_{13}}{1\,120} + \\
 & \frac{653 a_3^3 a_{13}}{120\,960} + \frac{313 \pi^2 a_3^3 a_{13}}{201\,600} + \frac{1\,949 a_2 a_3 a_4 a_{13}}{30\,240} + \frac{1}{504} \pi^2 a_2 a_3 a_4 a_{13} + \frac{313 a_3 a_4^2 a_{13}}{67\,200} + \\
 & \frac{389 a_2^2 a_5 a_{13}}{15\,120} + \frac{\pi^2 a_2^2 a_5 a_{13}}{1\,008} + \frac{217 a_3^2 a_5 a_{13}}{64\,800} + \frac{107 \pi^2 a_3^2 a_5 a_{13}}{665\,280} + \frac{67 a_2 a_4 a_5 a_{13}}{8\,400} + \\
 & \frac{107 a_4^2 a_5 a_{13}}{221\,760} + \frac{493 a_3 a_4^2 a_{13}}{1\,108\,800} + \frac{907 a_3^2 a_{13}}{60\,540\,480} + \frac{2\,537 a_2 a_3 a_6 a_{13}}{30\,240} + \frac{1\,139 \pi^2 a_2 a_3 a_6 a_{13}}{100\,800} + \\
 & \frac{979 a_3 a_4 a_6 a_{13}}{67\,200} + \frac{3 \pi^2 a_3 a_4 a_6 a_{13}}{6160} + \frac{5\,981 a_2 a_5 a_6 a_{13}}{453\,600} + \frac{107 \pi^2 a_2 a_5 a_6 a_{13}}{332\,640} + \\
 & \frac{661 a_4 a_5 a_6 a_{13}}{369\,600} + \frac{12\,793 a_3 a_6^2 a_{13}}{1\,209\,600} + \frac{2\,279 \pi^2 a_3 a_6^2 a_{13}}{1\,774\,080} + \frac{277 a_5 a_6^2 a_{13}}{177\,408} + \frac{313 \pi^2 a_5 a_6^2 a_{13}}{8\,968\,960} + \\
 & \frac{979 a_2 a_3 a_7 a_{13}}{67\,200} + \frac{3 \pi^2 a_2 a_3 a_7 a_{13}}{6160} + \frac{1\,847 a_3 a_4 a_7 a_{13}}{887\,040} + \frac{661 a_2 a_5 a_7 a_{13}}{369\,600} + \frac{939 a_4 a_5 a_7 a_{13}}{4\,484\,480} + \\
 & \frac{3\,393 a_3 a_6 a_7 a_{13}}{985\,600} + \frac{9 \pi^2 a_3 a_6 a_7 a_{13}}{81\,536} + \frac{8\,993 a_5 a_6 a_7 a_{13}}{22\,014\,720} + \frac{7\,339 a_3 a_7^2 a_{13}}{30\,750\,720} + \frac{229 a_5 a_7^2 a_{13}}{9\,784\,320} + \\
 & \frac{101 a_2^2 a_8 a_{13}}{2\,240} + \frac{59 \pi^2 a_2^2 a_8 a_{13}}{9\,600} + \frac{7\,733 a_3^2 a_8 a_{13}}{1\,451\,520} + \frac{5\,749 \pi^2 a_3^2 a_8 a_{13}}{5\,322\,240} + \frac{551 a_2 a_4 a_8 a_{13}}{33\,600} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{3 \pi^2 a_2 a_4 a_8 a_{13}}{6160} + \frac{137 a_4^2 a_8 a_{13}}{118272} + \frac{287 a_3 a_5 a_8 a_{13}}{158400} + \frac{313 \pi^2 a_3 a_5 a_8 a_{13}}{4484480} + \frac{133421 a_5^2 a_8 a_{13}}{1210809600} + \\
 & \frac{43511 a_2 a_6 a_8 a_{13}}{1814400} + \frac{1409 \pi^2 a_2 a_6 a_8 a_{13}}{532224} + \frac{16963 a_4 a_6 a_8 a_{13}}{4435200} + \frac{9 \pi^2 a_4 a_6 a_8 a_{13}}{81536} + \\
 & \frac{26687 a_2^2 a_8 a_{13}}{8870400} + \frac{12965 \pi^2 a_2^2 a_8 a_{13}}{43051008} + \frac{16963 a_2 a_7 a_8 a_{13}}{4435200} + \frac{9 \pi^2 a_2 a_7 a_8 a_{13}}{81536} + \\
 & \frac{5099 a_4 a_7 a_8 a_{13}}{9784320} + \frac{3146329 a_6 a_7 a_8 a_{13}}{3459456000} + \frac{\pi^2 a_6 a_7 a_8 a_{13}}{40320} + \frac{947 a_7^2 a_8 a_{13}}{15769600} + \frac{901 a_3 a_8^2 a_{13}}{554400} + \\
 & \frac{54517 \pi^2 a_3 a_8^2 a_{13}}{215255040} + \frac{835577 a_5 a_8^2 a_{13}}{3459456000} + \frac{229 \pi^2 a_5 a_8^2 a_{13}}{29352960} + \frac{77297 a_8^3 a_{13}}{489216000} + \frac{947 \pi^2 a_8^3 a_{13}}{47308800} + \\
 & \frac{5 a_2^2 a_9 a_{13}}{672} + \frac{3 \pi^2 a_2^2 a_9 a_{13}}{12320} + \frac{1277 a_3^2 a_9 a_{13}}{1330560} + \frac{157 \pi^2 a_3^2 a_9 a_{13}}{3669120} + \frac{343 a_2 a_4 a_9 a_{13}}{158400} + \\
 & \frac{157 a_4^2 a_9 a_{13}}{1223040} + \frac{26087 a_3 a_5 a_9 a_{13}}{108108000} + \frac{2371 a_5^2 a_9 a_{13}}{201801600} + \frac{12373 a_2 a_6 a_9 a_{13}}{3326400} + \frac{157 \pi^2 a_2 a_6 a_9 a_{13}}{1834560} + \\
 & \frac{109701 a_4 a_6 a_9 a_{13}}{224224000} + \frac{255121 a_2^2 a_9 a_{13}}{576576000} + \frac{83 \pi^2 a_2^2 a_9 a_{13}}{8870400} + \frac{109701 a_2 a_7 a_9 a_{13}}{224224000} + \frac{83 a_4 a_7 a_9 a_{13}}{1478400} + \\
 & \frac{16517 a_6 a_7 a_9 a_{13}}{146764800} + \frac{7713 a_7^2 a_9 a_{13}}{1219778560} + \frac{1261069 a_3 a_8 a_9 a_{13}}{2421619200} + \frac{83 \pi^2 a_3 a_8 a_9 a_{13}}{4435200} + \\
 & \frac{3701 a_5 a_8 a_9 a_{13}}{61152000} + \frac{823 a_8^2 a_9 a_{13}}{11827200} + \frac{2571 \pi^2 a_8^2 a_9 a_{13}}{1219778560} + \frac{6103 a_3 a_9^2 a_{13}}{183456000} + \frac{21547 a_5 a_9^2 a_{13}}{6861254400} + \\
 & \frac{32143 a_8 a_9^2 a_{13}}{381888000} + \frac{1039 a_9^3 a_{13}}{3651648000} + \frac{12793 a_2 a_3 a_{10} a_{13}}{604800} + \frac{2279 \pi^2 a_2 a_3 a_{10} a_{13}}{887040} + \frac{3393 a_3 a_4 a_{10} a_{13}}{985600} + \\
 & \frac{9 \pi^2 a_3 a_4 a_{10} a_{13}}{81536} + \frac{277 a_2 a_5 a_{10} a_{13}}{88704} + \frac{313 \pi^2 a_2 a_5 a_{10} a_{13}}{4484480} + \frac{8993 a_4 a_5 a_{10} a_{13}}{22014720} + \\
 & \frac{337 a_3 a_6 a_{10} a_{13}}{63360} + \frac{63253 \pi^2 a_3 a_6 a_{10} a_{13}}{107627520} + \frac{1279657 a_5 a_6 a_{10} a_{13}}{1729728000} + \frac{229 \pi^2 a_5 a_6 a_{10} a_{13}}{14676480} + \\
 & \frac{13277477 a_3 a_7 a_{10} a_{13}}{16144128000} + \frac{\pi^2 a_3 a_7 a_{10} a_{13}}{40320} + \frac{11689 a_5 a_7 a_{10} a_{13}}{124185600} + \frac{26687 a_2 a_8 a_{10} a_{13}}{4435200} + \\
 & \frac{12965 \pi^2 a_2 a_8 a_{10} a_{13}}{21525504} + \frac{3146329 a_4 a_8 a_{10} a_{13}}{3459456000} + \frac{\pi^2 a_4 a_8 a_{10} a_{13}}{40320} + \frac{18163237 a_6 a_8 a_{10} a_{13}}{12108096000} + \\
 & \frac{99377 \pi^2 a_6 a_8 a_{10} a_{13}}{717516800} + \frac{281041 a_7 a_8 a_{10} a_{13}}{1291530240} + \frac{15 \pi^2 a_7 a_8 a_{10} a_{13}}{2680832} + \frac{255121 a_2 a_9 a_{10} a_{13}}{288288000} + \\
 & \frac{83 \pi^2 a_2 a_9 a_{10} a_{13}}{4435200} + \frac{16517 a_4 a_9 a_{10} a_{13}}{146764800} + \frac{566567 a_6 a_9 a_{10} a_{13}}{2690688000} + \frac{2571 \pi^2 a_6 a_9 a_{10} a_{13}}{609889280} + \\
 & \frac{661363 a_7 a_9 a_{10} a_{13}}{25333862400} + \frac{119487 a_3 a_{10}^2 a_{13}}{179379200} + \frac{873713 \pi^2 a_3 a_{10}^2 a_{13}}{12915302400} + \frac{8517037 a_5 a_{10}^2 a_{13}}{96864768000} + \\
 & \frac{1277 \pi^2 a_5 a_{10}^2 a_{13}}{723824640} + \frac{30948661 a_8 a_{10}^2 a_{13}}{166053888000} + \frac{85363 \pi^2 a_8 a_{10}^2 a_{13}}{5322670080} + \frac{59091083 a_9 a_{10}^2 a_{13}}{235243008000} + \\
 & \frac{1531 \pi^2 a_9 a_{10}^2 a_{13}}{3186892800} + \frac{3393 a_2 a_3 a_{11} a_{13}}{985600} + \frac{9 \pi^2 a_2 a_3 a_{11} a_{13}}{81536} + \frac{7339 a_3 a_4 a_{11} a_{13}}{15375360} + \\
 & \frac{8993 a_2 a_5 a_{11} a_{13}}{22014720} + \frac{229 a_4 a_5 a_{11} a_{13}}{4892160} + \frac{13277477 a_3 a_6 a_{11} a_{13}}{16144128000} + \frac{\pi^2 a_3 a_6 a_{11} a_{13}}{40320} + \\
 & \frac{11689 a_5 a_6 a_{11} a_{13}}{124185600} + \frac{237851 a_3 a_7 a_{11} a_{13}}{2152550400} + \frac{1277 a_5 a_7 a_{11} a_{13}}{120637440} + \frac{3146329 a_2 a_8 a_{11} a_{13}}{3459456000} + \\
 & \frac{\pi^2 a_2 a_8 a_{11} a_{13}}{40320} + \frac{947 a_4 a_8 a_{11} a_{13}}{7884800} + \frac{281041 a_6 a_8 a_{11} a_{13}}{1291530240} + \frac{15 \pi^2 a_6 a_8 a_{11} a_{13}}{2680832} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{669\,259\,a_7\,a_8\,a_{11}\,a_{13}}{23\,952\,015\,360} + \frac{16\,517\,a_2\,a_9\,a_{11}\,a_{13}}{146\,764\,800} + \frac{7713\,a_4\,a_9\,a_{11}\,a_{13}}{609\,889\,280} + \frac{661\,363\,a_6\,a_9\,a_{11}\,a_{13}}{25\,333\,862\,400} + \\
 & \frac{1531\,a_7\,a_9\,a_{11}\,a_{13}}{531\,148\,800} + \frac{2\,548\,547\,a_3\,a_{10}\,a_{11}\,a_{13}}{12\,915\,302\,400} + \frac{15\,\pi^2\,a_3\,a_{10}\,a_{11}\,a_{13}}{2\,680\,832} + \frac{7\,190\,731\,a_5\,a_{10}\,a_{11}\,a_{13}}{329\,340\,211\,200} + \\
 & \frac{6\,254\,893\,a_8\,a_{10}\,a_{11}\,a_{13}}{119\,760\,076\,800} + \frac{9\,\pi^2\,a_8\,a_{10}\,a_{11}\,a_{13}}{7\,081\,984} + \frac{197\,678\,387\,a_9\,a_{10}\,a_{11}\,a_{13}}{32\,446\,109\,696\,000} + \frac{6\,784\,181\,a_3\,a_{11}^2\,a_{13}}{526\,944\,337\,920} + \\
 & \frac{6393\,a_5\,a_{11}^2\,a_{13}}{5\,297\,324\,032} + \frac{768\,129\,a_8\,a_{11}^2\,a_{13}}{234\,903\,961\,600} + \frac{71\,a_9\,a_{11}^2\,a_{13}}{214\,466\,560} + \frac{14\,549\,a_2^2\,a_{12}\,a_{13}}{1\,209\,600} + \frac{499\,\pi^2\,a_2^2\,a_{12}\,a_{13}}{354\,816} + \\
 & \frac{1\,428\,223\,a_3^2\,a_{12}\,a_{13}}{958\,003\,200} + \frac{1\,455\,359\,\pi^2\,a_3^2\,a_{12}\,a_{13}}{5\,811\,886\,080} + \frac{1427\,a_2\,a_4\,a_{12}\,a_{13}}{354\,816} + \frac{9\,\pi^2\,a_2\,a_4\,a_{12}\,a_{13}}{81\,536} + \\
 & \frac{106\,129\,a_4^2\,a_{12}\,a_{13}}{387\,459\,072} + \frac{102\,177\,a_3\,a_5\,a_{12}\,a_{13}}{224\,224\,000} + \frac{229\,\pi^2\,a_3\,a_5\,a_{12}\,a_{13}}{14\,676\,480} + \frac{54\,583\,a_5^2\,a_{12}\,a_{13}}{2\,075\,673\,600} + \\
 & \frac{377\,231\,a_2\,a_6\,a_{12}\,a_{13}}{59\,875\,200} + \frac{1\,776\,119\,\pi^2\,a_2\,a_6\,a_{12}\,a_{13}}{2\,905\,943\,040} + \frac{6\,556\,051\,a_4\,a_6\,a_{12}\,a_{13}}{6\,918\,912\,000} + \frac{\pi^2\,a_4\,a_6\,a_{12}\,a_{13}}{40\,320} + \\
 & \frac{14\,111\,a_6^2\,a_{12}\,a_{13}}{17\,937\,920} + \frac{301\,187\,\pi^2\,a_6^2\,a_{12}\,a_{13}}{4\,305\,100\,800} + \frac{6\,556\,051\,a_2\,a_7\,a_{12}\,a_{13}}{6\,918\,912\,000} + \frac{\pi^2\,a_2\,a_7\,a_{12}\,a_{13}}{40\,320} + \\
 & \frac{89\,233\,a_4\,a_7\,a_{12}\,a_{13}}{717\,516\,800} + \frac{1\,051\,961\,a_6\,a_7\,a_{12}\,a_{13}}{4\,649\,508\,864} + \frac{15\,\pi^2\,a_6\,a_7\,a_{12}\,a_{13}}{2\,680\,832} + \frac{691\,087\,a_7^2\,a_{12}\,a_{13}}{47\,904\,030\,720} + \\
 & \frac{85\,394\,443\,a_3\,a_8\,a_{12}\,a_{13}}{96\,864\,768\,000} + \frac{764\,081\,\pi^2\,a_3\,a_8\,a_{12}\,a_{13}}{6\,457\,651\,200} + \frac{37\,619\,a_5\,a_8\,a_{12}\,a_{13}}{310\,464\,000} + \frac{1277\,\pi^2\,a_5\,a_8\,a_{12}\,a_{13}}{361\,912\,320} + \\
 & \frac{20\,942\,423\,a_8^2\,a_{12}\,a_{13}}{166\,053\,888\,000} + \frac{135\,307\,\pi^2\,a_8^2\,a_{12}\,a_{13}}{9\,580\,806\,144} + \frac{86\,767\,a_3\,a_9\,a_{12}\,a_{13}}{660\,441\,600} + \frac{2571\,\pi^2\,a_3\,a_9\,a_{12}\,a_{13}}{609\,889\,280} + \\
 & \frac{599\,873\,a_5\,a_9\,a_{12}\,a_{13}}{41\,167\,526\,400} + \frac{192\,061\,613\,a_8\,a_9\,a_{12}\,a_{13}}{5\,489\,003\,520\,000} + \frac{1531\,\pi^2\,a_8\,a_9\,a_{12}\,a_{13}}{1\,593\,446\,400} + \frac{40\,624\,079\,a_9^2\,a_{12}\,a_{13}}{19\,910\,112\,768\,000} + \\
 & \frac{14\,111\,a_2\,a_{10}\,a_{12}\,a_{13}}{8\,968\,960} + \frac{301\,187\,\pi^2\,a_2\,a_{10}\,a_{12}\,a_{13}}{2\,152\,550\,400} + \frac{1\,051\,961\,a_4\,a_{10}\,a_{12}\,a_{13}}{4\,649\,508\,864} + \frac{15\,\pi^2\,a_4\,a_{10}\,a_{12}\,a_{13}}{2\,680\,832} + \\
 & \frac{432\,437\,a_6\,a_{10}\,a_{12}\,a_{13}}{1\,107\,025\,920} + \frac{775\,543\,\pi^2\,a_6\,a_{10}\,a_{12}\,a_{13}}{23\,952\,015\,360} + \frac{1\,059\,127\,a_7\,a_{10}\,a_{12}\,a_{13}}{19\,516\,456\,960} + \frac{9\,\pi^2\,a_7\,a_{10}\,a_{12}\,a_{13}}{7\,081\,984} + \\
 & \frac{19\,116\,774\,701\,a_{10}^2\,a_{12}\,a_{13}}{395\,208\,253\,440\,000} + \frac{1\,219\,878\,937\,\pi^2\,a_{10}^2\,a_{12}\,a_{13}}{323\,462\,755\,123\,200} + \frac{1\,051\,961\,a_2\,a_{11}\,a_{12}\,a_{13}}{4\,649\,508\,864} + \\
 & \frac{15\,\pi^2\,a_2\,a_{11}\,a_{12}\,a_{13}}{2\,680\,832} + \frac{691\,087\,a_4\,a_{11}\,a_{12}\,a_{13}}{23\,952\,015\,360} + \frac{1\,059\,127\,a_6\,a_{11}\,a_{12}\,a_{13}}{19\,516\,456\,960} + \frac{9\,\pi^2\,a_6\,a_{11}\,a_{12}\,a_{13}}{7\,081\,984} + \\
 & \frac{72\,782\,903\,a_7\,a_{11}\,a_{12}\,a_{13}}{10\,782\,091\,837\,440} + \frac{274\,382\,384\,057\,a_{10}\,a_{11}\,a_{12}\,a_{13}}{21\,025\,079\,083\,008\,000} + \frac{\pi^2\,a_{10}\,a_{11}\,a_{12}\,a_{13}}{3\,440\,640} + \\
 & \frac{10\,361\,427\,a_{11}^2\,a_{12}\,a_{13}}{13\,052\,606\,414\,848} + \frac{81\,187\,a_3\,a_{12}^2\,a_{13}}{688\,816\,128} + \frac{1\,465\,873\,\pi^2\,a_3\,a_{12}^2\,a_{13}}{105\,388\,867\,584} + \frac{18\,026\,207\,a_5\,a_{12}^2\,a_{13}}{1\,185\,624\,760\,320} + \\
 & \frac{2131\,\pi^2\,a_5\,a_{12}^2\,a_{13}}{5\,297\,324\,032} + \frac{78\,841\,295\,119\,a_8\,a_{12}^2\,a_{13}}{2\,371\,249\,520\,640\,000} + \frac{1\,080\,400\,241\,\pi^2\,a_8\,a_{12}^2\,a_{13}}{323\,462\,755\,123\,200} + \\
 & \frac{592\,832\,873\,a_9\,a_{12}^2\,a_{13}}{134\,776\,147\,968\,000} + \frac{71\,\pi^2\,a_9\,a_{12}^2\,a_{13}}{643\,399\,680} + \frac{87\,860\,767\,333\,a_{12}^3\,a_{13}}{30\,276\,113\,879\,531\,520} + \frac{3\,453\,809\,\pi^2\,a_{12}^3\,a_{13}}{13\,052\,606\,414\,848} + \\
 & \frac{8443\,a_2^2\,a_{13}^2}{8\,870\,400} + \frac{9\,\pi^2\,a_2^2\,a_{13}^2}{326\,144} + \frac{753\,283\,a_3^2\,a_{13}^2}{6\,054\,048\,000} + \frac{23\,\pi^2\,a_3^2\,a_{13}^2}{4\,515\,840} + \frac{3547\,a_2\,a_4\,a_{13}^2}{13\,453\,440} + \frac{23\,a_4^2\,a_{13}^2}{1\,505\,280} + \\
 & \frac{48\,077\,a_3\,a_5\,a_{13}^2}{1\,614\,412\,800} + \frac{15\,473\,a_5^2\,a_{13}^2}{10\,978\,007\,040} + \frac{11\,408\,489\,a_2\,a_6\,a_{13}^2}{24\,216\,192\,000} + \frac{23\,\pi^2\,a_2\,a_6\,a_{13}^2}{2\,257\,920} + \frac{32\,359\,a_4\,a_6\,a_{13}^2}{538\,137\,600} + \\
 & \frac{726\,293\,a_6^2\,a_{13}^2}{12\,915\,302\,400} + \frac{423\,\pi^2\,a_6^2\,a_{13}^2}{375\,316\,480} + \frac{32\,359\,a_2\,a_7\,a_{13}^2}{538\,137\,600} + \frac{1269\,a_4\,a_7\,a_{13}^2}{187\,658\,240} + \frac{458\,831\,a_6\,a_7\,a_{13}^2}{32\,934\,021\,120} +
 \end{aligned}$$

$$\begin{aligned}
& \frac{2133 a_7^2 a_{13}^2}{2776137728} + \frac{434809 a_3 a_8 a_{13}^2}{6457651200} + \frac{423 \pi^2 a_3 a_8 a_{13}^2}{187658240} + \frac{225271 a_5 a_8 a_{13}^2}{29940019200} + \frac{2153831 a_8^2 a_{13}^2}{239520153600} + \\
& \frac{711 \pi^2 a_8^2 a_{13}^2}{2776137728} + \frac{682547 a_3 a_9 a_{13}^2}{82335052800} + \frac{1858247 a_5 a_9 a_{13}^2}{2433458227200} + \frac{41077 a_8 a_9 a_{13}^2}{19475456000} + \frac{307 a_9^2 a_{13}^2}{2927468544} + \\
& \frac{726293 a_2 a_{10} a_{13}^2}{6457651200} + \frac{423 \pi^2 a_2 a_{10} a_{13}^2}{187658240} + \frac{458831 a_4 a_{10} a_{13}^2}{32934021120} + \frac{35379913 a_6 a_{10} a_{13}^2}{1317360844800} + \\
& \frac{711 \pi^2 a_6 a_{10} a_{13}^2}{1388068864} + \frac{9043747 a_7 a_{10} a_{13}^2}{2781095116800} + \frac{67574762993 a_{10}^2 a_{13}^2}{21025079083008000} + \frac{17 \pi^2 a_{10}^2 a_{13}^2}{289013760} + \\
& \frac{458831 a_2 a_{11} a_{13}^2}{32934021120} + \frac{2133 a_4 a_{11} a_{13}^2}{1388068864} + \frac{9043747 a_6 a_{11} a_{13}^2}{2781095116800} + \frac{17 a_7 a_{11} a_{13}^2}{48168960} + \\
& \frac{108932459 a_{10} a_{11} a_{13}^2}{142762882662400} + \frac{4509 a_{11}^2 a_{13}^2}{110493171712} + \frac{319967 a_3 a_{12} a_{13}^2}{18819440640} + \frac{711 \pi^2 a_3 a_{12} a_{13}^2}{1388068864} + \\
& \frac{1610593 a_5 a_{12} a_{13}^2}{883406684160} + \frac{47590001581 a_8 a_{12} a_{13}^2}{10512539541504000} + \frac{17 \pi^2 a_8 a_{12} a_{13}^2}{144506880} + \frac{990498163 a_9 a_{12} a_{13}^2}{1927298915942400} + \\
& \frac{66433891 a_{12}^2 a_{13}^2}{116609682309120} + \frac{1503 \pi^2 a_{12}^2 a_{13}^2}{110493171712} + \frac{5784167 a_3 a_{13}^3}{8343285350400} + \frac{1301 a_5 a_{13}^3}{20821032960} + \\
& \frac{19321292390400}{3423419 a_8 a_{13}^3} + \frac{59700841840640}{1033479 a_9 a_{13}^3} + \frac{1432820204175360}{62125159 a_{12} a_{13}^3} + \frac{15546371276800}{16767 a_{13}^4} + \\
& \frac{1}{3} a_2^3 a_{14} + \frac{7}{45} \pi^2 a_2^3 a_{14} + \frac{1}{240} \pi^4 a_2^3 a_{14} + \frac{1}{10} a_2 a_3^2 a_{14} + \frac{4303 \pi^2 a_2 a_3^2 a_{14}}{60480} + \frac{7 \pi^4 a_2 a_3^2 a_{14}}{2880} + \\
& \frac{11}{40} a_2^2 a_4 a_{14} + \frac{11}{280} \pi^2 a_2^2 a_4 a_{14} + \frac{163 a_3^2 a_4 a_{14}}{6048} + \frac{1339 \pi^2 a_3^2 a_4 a_{14}}{201600} + \frac{409 a_2 a_4^2 a_{14}}{7560} + \\
& \frac{1}{576} \pi^2 a_2 a_4^2 a_{14} + \frac{563 a_4^3 a_{14}}{201600} + \frac{937 a_2 a_3 a_5 a_{14}}{15120} + \frac{929 \pi^2 a_2 a_3 a_5 a_{14}}{100800} + \frac{20063 a_3 a_4 a_5 a_{14}}{1814400} + \\
& \frac{\pi^2 a_3 a_4 a_5 a_{14}}{2376} + \frac{673 a_2 a_5^2 a_{14}}{129600} + \frac{17 \pi^2 a_2 a_5^2 a_{14}}{133056} + \frac{197 a_4 a_5^2 a_{14}}{277200} + \frac{19}{60} a_2^2 a_6 a_{14} + \\
& \frac{409 \pi^2 a_2^2 a_6 a_{14}}{3780} + \frac{7 \pi^4 a_2^2 a_6 a_{14}}{2880} + \frac{997 a_3^2 a_6 a_{14}}{30240} + \frac{6949 \pi^2 a_3^2 a_6 a_{14}}{403200} + \frac{7 \pi^4 a_3^2 a_6 a_{14}}{14080} + \\
& \frac{359 a_2 a_4 a_6 a_{14}}{2520} + \frac{563 \pi^2 a_2 a_4 a_6 a_{14}}{33600} + \frac{141 a_4^2 a_6 a_{14}}{11200} + \frac{\pi^2 a_4^2 a_6 a_{14}}{2816} + \frac{29069 a_3 a_5 a_6 a_{14}}{1814400} + \\
& \frac{27431 \pi^2 a_3 a_5 a_6 a_{14}}{13305600} + \frac{146429 a_5^2 a_6 a_{14}}{119750400} + \frac{83 \pi^2 a_5^2 a_6 a_{14}}{2965248} + \frac{457 a_2 a_6^2 a_{14}}{5040} + \frac{141 \pi^2 a_2 a_6^2 a_{14}}{5600} + \\
& \frac{7 \pi^4 a_2 a_6^2 a_{14}}{14080} + \frac{21757 a_4 a_6^2 a_{14}}{1209600} + \frac{1627 \pi^2 a_4 a_6^2 a_{14}}{887040} + \frac{3737 a_6^3 a_{14}}{453600} + \frac{13063 \pi^2 a_6^3 a_{14}}{6652800} + \\
& \frac{7 \pi^4 a_6^3 a_{14}}{199680} + \frac{359 a_2^2 a_7 a_{14}}{5040} + \frac{563 \pi^2 a_2^2 a_7 a_{14}}{67200} + \frac{725 a_3^2 a_7 a_{14}}{96768} + \frac{41 \pi^2 a_3^2 a_7 a_{14}}{27720} + \\
& \frac{141 a_2 a_4 a_7 a_{14}}{5600} + \frac{\pi^2 a_2 a_4 a_7 a_{14}}{1408} + \frac{1627 a_4^2 a_7 a_{14}}{887040} + \frac{23563 a_3 a_5 a_7 a_{14}}{8870400} + \frac{5 \pi^2 a_3 a_5 a_7 a_{14}}{54912} + \\
& \frac{195691 a_5^2 a_7 a_{14}}{1210809600} + \frac{21757 a_2 a_6 a_7 a_{14}}{604800} + \frac{1627 \pi^2 a_2 a_6 a_7 a_{14}}{443520} + \frac{13063 a_4 a_6 a_7 a_{14}}{2217600} + \\
& \frac{\pi^2 a_4 a_6 a_7 a_{14}}{6656} + \frac{1421 a_6^2 a_7 a_{14}}{316800} + \frac{88069 \pi^2 a_6^2 a_7 a_{14}}{215255040} + \frac{13063 a_2 a_7^2 a_{14}}{4435200} + \frac{\pi^2 a_2 a_7^2 a_{14}}{13312} + \\
& \frac{88069 a_4 a_7^2 a_{14}}{215255040} + \frac{4193641 a_6 a_7^2 a_{14}}{6054048000} + \frac{\pi^2 a_6 a_7^2 a_{14}}{61440} + \frac{1423 a_7^3 a_{14}}{46126080} + \frac{211 a_2 a_3 a_8 a_{14}}{2520} + \\
& \frac{2431 \pi^2 a_2 a_3 a_8 a_{14}}{67200} + \frac{7 \pi^4 a_2 a_3 a_8 a_{14}}{7040} + \frac{32009 a_3 a_4 a_8 a_{14}}{1814400} + \frac{8047 \pi^2 a_3 a_4 a_8 a_{14}}{2661120} +
\end{aligned}$$

$$\begin{aligned}
 & \frac{33\,251 a_2 a_5 a_8 a_{14}}{1\,814\,400} + \frac{28\,031 \pi^2 a_2 a_5 a_8 a_{14}}{13\,305\,600} + \frac{4\,349 a_4 a_5 a_8 a_{14}}{1\,478\,400} + \frac{5 \pi^2 a_4 a_5 a_8 a_{14}}{54\,912} + \\
 & \frac{17\,477 a_3 a_6 a_8 a_{14}}{725\,760} + \frac{115\,697 \pi^2 a_3 a_6 a_8 a_{14}}{13\,305\,600} + \frac{7 \pi^4 a_3 a_6 a_8 a_{14}}{33\,280} + \frac{1\,108\,007 a_5 a_6 a_8 a_{14}}{239\,500\,800} + \\
 & \frac{1\,387\,601 \pi^2 a_5 a_6 a_8 a_{14}}{2\,905\,943\,040} + \frac{4\,559 a_3 a_7 a_8 a_{14}}{985\,600} + \frac{12\,269 \pi^2 a_3 a_7 a_8 a_{14}}{17\,937\,920} + \frac{1\,552\,433 a_5 a_7 a_8 a_{14}}{2\,201\,472\,000} + \\
 & \frac{\pi^2 a_5 a_7 a_8 a_{14}}{49\,920} + \frac{81 a_2 a_8^2 a_{14}}{5\,600} + \frac{421 \pi^2 a_2 a_8^2 a_{14}}{92\,400} + \frac{7 \pi^4 a_2 a_8^2 a_{14}}{66\,560} + \frac{5\,899 a_4 a_8^2 a_{14}}{2\,217\,600} + \\
 & \frac{75\,329 \pi^2 a_4 a_8^2 a_{14}}{215\,255\,040} + \frac{941\,011 a_6 a_8^2 a_{14}}{239\,500\,800} + \frac{79\,314\,709 \pi^2 a_6 a_8^2 a_{14}}{72\,648\,576\,000} + \frac{7 \pi^4 a_6 a_8^2 a_{14}}{307\,200} + \\
 & \frac{1\,216\,867 a_7 a_8^2 a_{14}}{1\,793\,792\,000} + \frac{2\,461 \pi^2 a_7 a_8^2 a_{14}}{30\,750\,720} + \frac{11\,749 a_2 a_3 a_9 a_{14}}{604\,800} + \frac{5\,417 \pi^2 a_2 a_3 a_9 a_{14}}{2\,217\,600} + \\
 & \frac{6\,073 a_3 a_4 a_9 a_{14}}{1\,900\,800} + \frac{\pi^2 a_3 a_4 a_9 a_{14}}{9\,360} + \frac{9\,733 a_2 a_5 a_9 a_{14}}{3\,326\,400} + \frac{191 \pi^2 a_2 a_5 a_9 a_{14}}{2\,882\,880} + \\
 & \frac{211\,877 a_4 a_5 a_9 a_{14}}{550\,368\,000} + \frac{65\,479 a_3 a_6 a_9 a_{14}}{13\,305\,600} + \frac{2\,241\,643 \pi^2 a_3 a_6 a_9 a_{14}}{4\,036\,032\,000} + \frac{12\,577\,183 a_5 a_6 a_9 a_{14}}{18\,162\,144\,000} + \\
 & \frac{73 \pi^2 a_5 a_6 a_9 a_{14}}{4\,942\,080} + \frac{3\,711\,157 a_3 a_7 a_9 a_{14}}{4\,843\,238\,400} + \frac{\pi^2 a_3 a_7 a_9 a_{14}}{42\,240} + \frac{54\,959 a_5 a_7 a_9 a_{14}}{620\,928\,000} + \\
 & \frac{1\,237 a_2 a_8 a_9 a_{14}}{221\,760} + \frac{254\,827 \pi^2 a_2 a_8 a_9 a_{14}}{448\,448\,000} + \frac{569\,629 a_4 a_8 a_9 a_{14}}{672\,672\,000} + \frac{\pi^2 a_4 a_8 a_9 a_{14}}{42\,240} + \\
 & \frac{202\,589\,633 a_6 a_8 a_9 a_{14}}{145\,297\,152\,000} + \frac{16\,397 \pi^2 a_6 a_8 a_9 a_{14}}{125\,798\,400} + \frac{546\,241 a_7 a_8 a_9 a_{14}}{2\,690\,688\,000} + \frac{3 \pi^2 a_7 a_8 a_9 a_{14}}{565\,760} + \\
 & \frac{1\,254\,479 a_2 a_9^2 a_{14}}{3\,027\,024\,000} + \frac{13 \pi^2 a_2 a_9^2 a_{14}}{1\,478\,400} + \frac{30\,463 a_4 a_9^2 a_{14}}{576\,576\,000} + \frac{47\,711 a_6 a_9^2 a_{14}}{484\,323\,840} + \frac{101 \pi^2 a_6 a_9^2 a_{14}}{50\,918\,400} + \\
 & \frac{50\,412\,979 a_7 a_9^2 a_{14}}{4\,116\,752\,640\,000} + \frac{457 a_2^2 a_{10} a_{14}}{5\,040} + \frac{141 \pi^2 a_2^2 a_{10} a_{14}}{5\,600} + \frac{7 \pi^4 a_2^2 a_{10} a_{14}}{14\,080} + \frac{1\,991 a_3^2 a_{10} a_{14}}{201\,600} + \\
 & \frac{8\,171 \pi^2 a_3^2 a_{10} a_{14}}{1\,971\,200} + \frac{7 \pi^4 a_3^2 a_{10} a_{14}}{66\,560} + \frac{21\,757 a_2 a_4 a_{10} a_{14}}{604\,800} + \frac{1\,627 \pi^2 a_2 a_4 a_{10} a_{14}}{443\,520} + \\
 & \frac{13\,063 a_4^2 a_{10} a_{14}}{4\,435\,200} + \frac{\pi^2 a_4^2 a_{10} a_{14}}{13\,312} + \frac{325\,477 a_3 a_5 a_{10} a_{14}}{79\,833\,600} + \frac{452\,407 \pi^2 a_3 a_5 a_{10} a_{14}}{968\,647\,680} + \\
 & \frac{70\,751 a_5^2 a_{10} a_{14}}{244\,608\,000} + \frac{41 \pi^2 a_5^2 a_{10} a_{14}}{6\,589\,440} + \frac{3\,737 a_2 a_6 a_{10} a_{14}}{75\,600} + \frac{13\,063 \pi^2 a_2 a_6 a_{10} a_{14}}{1\,108\,800} + \\
 & \frac{7 \pi^4 a_2 a_6 a_{10} a_{14}}{33\,280} + \frac{1\,421 a_4 a_6 a_{10} a_{14}}{158\,400} + \frac{88\,069 \pi^2 a_4 a_6 a_{10} a_{14}}{107\,627\,520} + \frac{130\,751 a_6^2 a_{10} a_{14}}{19\,958\,400} + \\
 & \frac{4\,193\,641 \pi^2 a_6^2 a_{10} a_{14}}{3\,027\,024\,000} + \frac{7 \pi^4 a_6^2 a_{10} a_{14}}{307\,200} + \frac{1\,421 a_2 a_7 a_{10} a_{14}}{158\,400} + \frac{88\,069 \pi^2 a_2 a_7 a_{10} a_{14}}{107\,627\,520} + \\
 & \frac{4\,193\,641 a_4 a_7 a_{10} a_{14}}{3\,027\,024\,000} + \frac{\pi^2 a_4 a_7 a_{10} a_{14}}{30\,720} + \frac{8\,968\,709 a_6 a_7 a_{10} a_{14}}{4\,036\,032\,000} + \frac{1\,423 \pi^2 a_6 a_7 a_{10} a_{14}}{7\,687\,680} + \\
 & \frac{264\,263 a_7^2 a_{10} a_{14}}{1\,614\,412\,800} + \frac{\pi^2 a_7^2 a_{10} a_{14}}{278\,528} + \frac{76\,049 a_3 a_8 a_{10} a_{14}}{11\,404\,800} + \frac{14\,429\,791 \pi^2 a_3 a_8 a_{10} a_{14}}{6\,918\,912\,000} + \\
 & \frac{7 \pi^4 a_3 a_8 a_{10} a_{14}}{153\,600} + \frac{14\,027\,807 a_5 a_8 a_{10} a_{14}}{12\,108\,096\,000} + \frac{9\,413 \pi^2 a_5 a_8 a_{10} a_{14}}{86\,102\,016} + \frac{25\,339\,549 a_8^2 a_{10} a_{14}}{24\,216\,192\,000} + \\
 & \frac{140\,807 \pi^2 a_8^2 a_{10} a_{14}}{538\,137\,600} + \frac{7 \pi^4 a_8^2 a_{10} a_{14}}{1\,392\,640} + \frac{59\,918\,237 a_3 a_9 a_{10} a_{14}}{48\,432\,384\,000} + \frac{58\,769 \pi^2 a_3 a_9 a_{10} a_{14}}{461\,260\,800} + \\
 & \frac{1\,707\,499 a_5 a_9 a_{10} a_{14}}{10\,378\,368\,000} + \frac{373 \pi^2 a_5 a_9 a_{10} a_{14}}{112\,020\,480} + \frac{5\,602\,291 a_8 a_9 a_{10} a_{14}}{16\,144\,128\,000} + \frac{1\,526\,573 \pi^2 a_8 a_9 a_{10} a_{14}}{50\,667\,724\,800} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{32\,237\,357 a_9^2 a_{10} a_{14}}{1\,372\,250\,880\,000} + \frac{29 \pi^2 a_9^2 a_{10} a_{14}}{64\,204\,800} + \frac{130\,751 a_2 a_{10}^2 a_{14}}{19\,958\,400} + \frac{4\,193\,641 \pi^2 a_2 a_{10}^2 a_{14}}{3\,027\,024\,000} + \\
 & \frac{7 \pi^4 a_2 a_{10}^2 a_{14}}{307\,200} + \frac{8\,968\,709 a_4 a_{10}^2 a_{14}}{8\,072\,064\,000} + \frac{1423 \pi^2 a_4 a_{10}^2 a_{14}}{15\,375\,360} + \frac{20\,662\,987 a_6 a_{10}^2 a_{14}}{12\,108\,096\,000} + \\
 & \frac{264\,263 \pi^2 a_6 a_{10}^2 a_{14}}{807\,206\,400} + \frac{7 \pi^4 a_6 a_{10}^2 a_{14}}{1\,392\,640} + \frac{39\,838\,781 a_7 a_{10}^2 a_{14}}{145\,297\,152\,000} + \frac{1\,593\,269 \pi^2 a_7 a_{10}^2 a_{14}}{75\,277\,762\,560} + \\
 & \frac{5\,804\,629 a_{10}^3 a_{14}}{39\,626\,496\,000} + \frac{4\,651\,811 \pi^2 a_{10}^3 a_{14}}{179\,640\,115\,200} + \frac{7 \pi^4 a_{10}^3 a_{14}}{18\,677\,760} + \frac{21\,757 a_2^2 a_{11} a_{14}}{1\,209\,600} + \frac{1\,627 \pi^2 a_2^2 a_{11} a_{14}}{887\,040} + \\
 & \frac{35\,459 a_3^2 a_{11} a_{14}}{17\,740\,800} + \frac{71\,899 \pi^2 a_3^2 a_{11} a_{14}}{215\,255\,040} + \frac{13\,063 a_2 a_4 a_{11} a_{14}}{2\,217\,600} + \frac{\pi^2 a_2 a_4 a_{11} a_{14}}{6\,656} + \\
 & \frac{88\,069 a_4^2 a_{11} a_{14}}{215\,255\,040} + \frac{30\,910\,921 a_3 a_5 a_{11} a_{14}}{48\,432\,384\,000} + \frac{\pi^2 a_3 a_5 a_{11} a_{14}}{49\,920} + \frac{53\,903 a_5^2 a_{11} a_{14}}{1\,452\,971\,520} + \\
 & \frac{1421 a_2 a_6 a_{11} a_{14}}{158\,400} + \frac{88\,069 \pi^2 a_2 a_6 a_{11} a_{14}}{107\,627\,520} + \frac{4\,193\,641 a_4 a_6 a_{11} a_{14}}{3\,027\,024\,000} + \frac{\pi^2 a_4 a_6 a_{11} a_{14}}{30\,720} + \\
 & \frac{8\,968\,709 a_6^2 a_{11} a_{14}}{8\,072\,064\,000} + \frac{1423 \pi^2 a_6^2 a_{11} a_{14}}{15\,375\,360} + \frac{4\,193\,641 a_2 a_7 a_{11} a_{14}}{3\,027\,024\,000} + \frac{\pi^2 a_2 a_7 a_{11} a_{14}}{30\,720} + \\
 & \frac{1423 a_4 a_7 a_{11} a_{14}}{7\,687\,680} + \frac{264\,263 a_6 a_7 a_{11} a_{14}}{807\,206\,400} + \frac{\pi^2 a_6 a_7 a_{11} a_{14}}{139\,264} + \frac{1\,593\,269 a_7^2 a_{11} a_{14}}{75\,277\,762\,560} + \\
 & \frac{5\,770\,357 a_3 a_8 a_{11} a_{14}}{4\,843\,238\,400} + \frac{9\,613 \pi^2 a_3 a_8 a_{11} a_{14}}{61\,501\,440} + \frac{420\,281 a_5 a_8 a_{11} a_{14}}{2\,483\,712\,000} + \frac{7 \pi^2 a_5 a_8 a_{11} a_{14}}{1\,566\,720} + \\
 & \frac{5\,536\,651 a_8^2 a_{11} a_{14}}{32\,288\,256\,000} + \frac{277\,813 \pi^2 a_8^2 a_{11} a_{14}}{15\,055\,552\,512} + \frac{5\,945\,039 a_3 a_9 a_{11} a_{14}}{32\,288\,256\,000} + \frac{3 \pi^2 a_3 a_9 a_{11} a_{14}}{565\,760} + \\
 & \frac{6\,750\,839 a_5 a_9 a_{11} a_{14}}{329\,340\,211\,200} + \frac{8\,193\,869 a_8 a_9 a_{11} a_{14}}{168\,030\,720\,000} + \frac{7 \pi^2 a_8 a_9 a_{11} a_{14}}{5\,836\,800} + \frac{8\,508\,541 a_9^2 a_{11} a_{14}}{2\,979\,744\,768\,000} + \\
 & \frac{8\,968\,709 a_2 a_{10} a_{11} a_{14}}{4\,036\,032\,000} + \frac{1423 \pi^2 a_2 a_{10} a_{11} a_{14}}{7\,687\,680} + \frac{264\,263 a_4 a_{10} a_{11} a_{14}}{807\,206\,400} + \frac{\pi^2 a_4 a_{10} a_{11} a_{14}}{139\,264} + \\
 & \frac{39\,838\,781 a_6 a_{10} a_{11} a_{14}}{72\,648\,576\,000} + \frac{1\,593\,269 \pi^2 a_6 a_{10} a_{11} a_{14}}{37\,638\,881\,280} + \frac{4\,651\,811 a_7 a_{10} a_{11} a_{14}}{59\,880\,038\,400} + \\
 & \frac{\pi^2 a_7 a_{10} a_{11} a_{14}}{622\,592} + \frac{329\,431\,857 a_{10}^2 a_{11} a_{14}}{4\,879\,114\,240\,000} + \frac{7\,759\,469 \pi^2 a_{10}^2 a_{11} a_{14}}{1\,589\,197\,209\,600} + \frac{264\,263 a_2 a_{11}^2 a_{14}}{1\,614\,412\,800} + \\
 & \frac{\pi^2 a_2 a_{11}^2 a_{14}}{278\,528} + \frac{1\,593\,269 a_4 a_{11}^2 a_{14}}{75\,277\,762\,560} + \frac{4\,651\,811 a_6 a_{11}^2 a_{14}}{119\,760\,076\,800} + \frac{\pi^2 a_6 a_{11}^2 a_{14}}{1\,245\,184} + \frac{7\,759\,469 a_7 a_{11}^2 a_{14}}{1\,589\,197\,209\,600} + \\
 & \frac{778\,001\,383 a_{10} a_{11}^2 a_{14}}{84\,100\,316\,332\,032} + \frac{\pi^2 a_{10} a_{11}^2 a_{14}}{5\,505\,024} + \frac{31\,730\,711 a_{11}^3 a_{14}}{83\,909\,612\,666\,880} + \frac{10\,639 a_2 a_3 a_{12} a_{14}}{403\,200} + \\
 & \frac{78\,367 \pi^2 a_2 a_3 a_{12} a_{14}}{8\,870\,400} + \frac{7 \pi^4 a_2 a_3 a_{12} a_{14}}{33\,280} + \frac{294\,881 a_3 a_4 a_{12} a_{14}}{59\,875\,200} + \frac{1\,998\,407 \pi^2 a_3 a_4 a_{12} a_{14}}{2\,905\,943\,040} + \\
 & \frac{1\,165\,427 a_2 a_5 a_{12} a_{14}}{239\,500\,800} + \frac{127\,039 \pi^2 a_2 a_5 a_{12} a_{14}}{264\,176\,640} + \frac{35\,426\,707 a_4 a_5 a_{12} a_{14}}{48\,432\,384\,000} + \\
 & \frac{\pi^2 a_4 a_5 a_{12} a_{14}}{49\,920} + \frac{86\,287 a_3 a_6 a_{12} a_{14}}{11\,975\,040} + \frac{44\,040\,877 \pi^2 a_3 a_6 a_{12} a_{14}}{20\,756\,736\,000} + \frac{7 \pi^4 a_3 a_6 a_{12} a_{14}}{153\,600} + \\
 & \frac{159\,070\,733 a_5 a_6 a_{12} a_{14}}{130\,767\,436\,800} + \frac{295\,573 \pi^2 a_5 a_6 a_{12} a_{14}}{2\,682\,408\,960} + \frac{122\,157\,793 a_3 a_7 a_{12} a_{14}}{96\,864\,768\,000} + \\
 & \frac{227 \pi^2 a_3 a_7 a_{12} a_{14}}{1\,441\,440} + \frac{14\,582\,849 a_5 a_7 a_{12} a_{14}}{83\,026\,944\,000} + \frac{7 \pi^2 a_5 a_7 a_{12} a_{14}}{1\,566\,720} + \frac{134\,923 a_2 a_8 a_{12} a_{14}}{15\,966\,720} + \\
 & \frac{107\,580\,013 \pi^2 a_2 a_8 a_{12} a_{14}}{48\,432\,384\,000} + \frac{7 \pi^4 a_2 a_8 a_{12} a_{14}}{153\,600} + \frac{1\,388\,749 a_4 a_8 a_{12} a_{14}}{968\,647\,680} + \frac{29\,749 \pi^2 a_4 a_8 a_{12} a_{14}}{184\,504\,320} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{5\,845\,150\,111 a_6 a_8 a_{12} a_{14}}{2\,615\,348\,736\,000} + \frac{92\,862\,173 \pi^2 a_6 a_8 a_{12} a_{14}}{174\,356\,582\,400} + \frac{7 \pi^4 a_6 a_8 a_{12} a_{14}}{696\,320} + \\
 & \frac{209\,892\,223 a_7 a_8 a_{12} a_{14}}{581\,188\,608\,000} + \frac{700\,423 \pi^2 a_7 a_8 a_{12} a_{14}}{18\,819\,440\,640} + \frac{70\,880\,801 a_2 a_9 a_{12} a_{14}}{48\,432\,384\,000} + \\
 & \frac{8663 \pi^2 a_2 a_9 a_{12} a_{14}}{65\,894\,400} + \frac{12\,253\,897 a_4 a_9 a_{12} a_{14}}{58\,118\,860\,800} + \frac{3 \pi^2 a_4 a_9 a_{12} a_{14}}{565\,760} + \frac{317\,116\,493 a_6 a_9 a_{12} a_{14}}{871\,782\,912\,000} + \\
 & \frac{60\,062\,803 \pi^2 a_6 a_9 a_{12} a_{14}}{1\,976\,041\,267\,200} + \frac{1\,667\,900\,203 a_7 a_9 a_{12} a_{14}}{32\,934\,021\,120\,000} + \frac{7 \pi^2 a_7 a_9 a_{12} a_{14}}{5\,836\,800} + \\
 & \frac{1\,681\,235\,267 a_3 a_{10} a_{12} a_{14}}{871\,782\,912\,000} + \frac{59\,198\,537 \pi^2 a_3 a_{10} a_{12} a_{14}}{116\,237\,721\,600} + \frac{7 \pi^4 a_3 a_{10} a_{12} a_{14}}{696\,320} + \\
 & \frac{1\,465\,679 a_5 a_{10} a_{12} a_{14}}{4\,843\,238\,400} + \frac{63\,863 \pi^2 a_5 a_{10} a_{12} a_{14}}{2\,509\,258\,752} + \frac{56\,564\,003 a_8 a_{10} a_{12} a_{14}}{96\,864\,768\,000} + \\
 & \frac{48\,110\,597 \pi^2 a_8 a_{10} a_{12} a_{14}}{376\,388\,812\,800} + \frac{7 \pi^4 a_8 a_{10} a_{12} a_{14}}{3\,112\,960} + \frac{53\,447\,733\,553 a_9 a_{10} a_{12} a_{14}}{592\,812\,380\,160\,000} + \\
 & \frac{50\,584\,421 \pi^2 a_9 a_{10} a_{12} a_{14}}{7\,151\,387\,443\,200} + \frac{3\,380\,371 a_3 a_{11} a_{12} a_{14}}{10\,567\,065\,600} + \frac{1\,367\,813 \pi^2 a_3 a_{11} a_{12} a_{14}}{37\,638\,881\,280} + \\
 & \frac{28\,601\,917 a_5 a_{11} a_{12} a_{14}}{677\,499\,863\,040} + \frac{\pi^2 a_5 a_{11} a_{12} a_{14}}{992\,256} + \frac{220\,805\,971 a_8 a_{11} a_{12} a_{14}}{2\,439\,557\,120\,000} + \\
 & \frac{123\,675\,463 \pi^2 a_8 a_{11} a_{12} a_{14}}{14\,302\,774\,886\,400} + \frac{25\,619\,947\,729 a_9 a_{11} a_{12} a_{14}}{2\,102\,507\,908\,300\,800} + \frac{\pi^2 a_9 a_{11} a_{12} a_{14}}{3\,655\,680} + \\
 & \frac{23\,082\,611 a_2 a_{12}^2 a_{14}}{19\,372\,953\,600} + \frac{2\,333\,927 \pi^2 a_2 a_{12}^2 a_{14}}{8\,610\,201\,600} + \frac{7 \pi^4 a_2 a_{12}^2 a_{14}}{1\,392\,640} + \frac{4\,419\,929 a_4 a_{12}^2 a_{14}}{23\,247\,544\,320} + \\
 & \frac{1\,412\,627 \pi^2 a_4 a_{12}^2 a_{14}}{75\,277\,762\,560} + \frac{972\,803\,389 a_6 a_{12}^2 a_{14}}{3\,138\,418\,483\,200} + \frac{9\,256\,228\,021 \pi^2 a_6 a_{12}^2 a_{14}}{142\,274\,971\,238\,400} + \\
 & \frac{7 \pi^4 a_6 a_{12}^2 a_{14}}{6\,225\,920} + \frac{1\,391\,372\,449 a_7 a_{12}^2 a_{14}}{29\,274\,685\,440\,000} + \frac{7\,799\,849 \pi^2 a_7 a_{12}^2 a_{14}}{1\,787\,846\,860\,800} + \frac{3\,793\,008\,103 a_{10} a_{12}^2 a_{14}}{47\,424\,990\,412\,800} + \\
 & \frac{131\,498\,082\,169 \pi^2 a_{10} a_{12}^2 a_{14}}{8\,410\,031\,633\,203\,200} + \frac{\pi^4 a_{10} a_{12}^2 a_{14}}{3\,932\,160} + \frac{896\,597\,057\,437 a_{11} a_{12}^2 a_{14}}{75\,690\,284\,698\,828\,800} + \\
 & \frac{85\,568\,519 \pi^2 a_{11} a_{12}^2 a_{14}}{83\,909\,612\,666\,880} + \frac{337 a_2 a_3 a_{13} a_{14}}{63\,360} + \frac{63\,253 \pi^2 a_2 a_3 a_{13} a_{14}}{107\,627\,520} + \frac{13\,277\,477 a_3 a_4 a_{13} a_{14}}{16\,144\,128\,000} + \\
 & \frac{\pi^2 a_3 a_4 a_{13} a_{14}}{40\,320} + \frac{1\,279\,657 a_2 a_5 a_{13} a_{14}}{1\,729\,728\,000} + \frac{229 \pi^2 a_2 a_5 a_{13} a_{14}}{14\,676\,480} + \frac{11\,689 a_4 a_5 a_{13} a_{14}}{124\,185\,600} + \\
 & \frac{119\,487 a_3 a_6 a_{13} a_{14}}{89\,689\,600} + \frac{873\,713 \pi^2 a_3 a_6 a_{13} a_{14}}{6\,457\,651\,200} + \frac{8\,517\,037 a_5 a_6 a_{13} a_{14}}{48\,432\,384\,000} + \frac{1\,277 \pi^2 a_5 a_6 a_{13} a_{14}}{361\,912\,320} + \\
 & \frac{2\,548\,547 a_3 a_7 a_{13} a_{14}}{12\,915\,302\,400} + \frac{15 \pi^2 a_3 a_7 a_{13} a_{14}}{2\,680\,832} + \frac{7\,190\,731 a_5 a_7 a_{13} a_{14}}{329\,340\,211\,200} + \frac{18\,163\,237 a_2 a_8 a_{13} a_{14}}{12\,108\,096\,000} + \\
 & \frac{99\,377 \pi^2 a_2 a_8 a_{13} a_{14}}{717\,516\,800} + \frac{281\,041 a_4 a_8 a_{13} a_{14}}{1\,291\,530\,240} + \frac{15 \pi^2 a_4 a_8 a_{13} a_{14}}{2\,680\,832} + \frac{30\,948\,661 a_6 a_8 a_{13} a_{14}}{83\,026\,944\,000} + \\
 & \frac{85\,363 \pi^2 a_6 a_8 a_{13} a_{14}}{2\,661\,335\,040} + \frac{6\,254\,893 a_7 a_8 a_{13} a_{14}}{119\,760\,076\,800} + \frac{9 \pi^2 a_7 a_8 a_{13} a_{14}}{7\,081\,984} + \frac{566\,567 a_2 a_9 a_{13} a_{14}}{2\,690\,688\,000} + \\
 & \frac{2\,571 \pi^2 a_2 a_9 a_{13} a_{14}}{609\,889\,280} + \frac{661\,363 a_4 a_9 a_{13} a_{14}}{25\,333\,862\,400} + \frac{59\,091\,083 a_6 a_9 a_{13} a_{14}}{1\,176\,215\,040\,000} + \frac{1\,531 \pi^2 a_6 a_9 a_{13} a_{14}}{1\,593\,446\,400} + \\
 & \frac{197\,678\,387 a_7 a_9 a_{13} a_{14}}{32\,446\,109\,696\,000} + \frac{193\,238\,833 a_3 a_{10} a_{13} a_{14}}{581\,188\,608\,000} + \frac{8\,258\,381 \pi^2 a_3 a_{10} a_{13} a_{14}}{263\,472\,168\,960} + \\
 & \frac{708\,313 a_5 a_{10} a_{13} a_{14}}{16\,889\,241\,600} + \frac{2\,131 \pi^2 a_5 a_{10} a_{13} a_{14}}{2\,648\,662\,016} + \frac{6\,087\,193\,439 a_8 a_{10} a_{13} a_{14}}{65\,868\,042\,240\,000} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{14\,920\,193\,\pi^2\,a_8\,a_{10}\,a_{13}\,a_{14}}{1\,996\,683\,673\,600} + \frac{31\,589\,170\,597\,a_9\,a_{10}\,a_{13}\,a_{14}}{2\,628\,134\,885\,376\,000} + \frac{71\,\pi^2\,a_9\,a_{10}\,a_{13}\,a_{14}}{321\,699\,840} + \\
 & \frac{13\,895\,467\,a_3\,a_{11}\,a_{13}\,a_{14}}{292\,746\,854\,400} + \frac{9\,\pi^2\,a_3\,a_{11}\,a_{13}\,a_{14}}{7\,081\,984} + \frac{157\,489\,873\,a_5\,a_{11}\,a_{13}\,a_{14}}{30\,919\,233\,945\,600} + \\
 & \frac{132\,081\,266\,393\,a_8\,a_{11}\,a_{13}\,a_{14}}{10\,512\,539\,541\,504\,000} + \frac{\pi^2\,a_8\,a_{11}\,a_{13}\,a_{14}}{3\,440\,640} + \frac{92\,573\,347\,a_9\,a_{11}\,a_{13}\,a_{14}}{64\,783\,156\,838\,400} + \\
 & \frac{432\,437\,a_2\,a_{12}\,a_{13}\,a_{14}}{1\,107\,025\,920} + \frac{775\,543\,\pi^2\,a_2\,a_{12}\,a_{13}\,a_{14}}{23\,952\,015\,360} + \frac{1\,059\,127\,a_4\,a_{12}\,a_{13}\,a_{14}}{19\,516\,456\,960} + \\
 & \frac{9\,\pi^2\,a_4\,a_{12}\,a_{13}\,a_{14}}{7\,081\,984} + \frac{19\,116\,774\,701\,a_6\,a_{12}\,a_{13}\,a_{14}}{197\,604\,126\,720\,000} + \frac{1\,219\,878\,937\,\pi^2\,a_6\,a_{12}\,a_{13}\,a_{14}}{161\,731\,377\,561\,600} + \\
 & \frac{274\,382\,384\,057\,a_7\,a_{12}\,a_{13}\,a_{14}}{21\,025\,079\,083\,008\,000} + \frac{\pi^2\,a_7\,a_{12}\,a_{13}\,a_{14}}{3\,440\,640} + \frac{50\,295\,846\,989\,a_{10}\,a_{12}\,a_{13}\,a_{14}}{2\,102\,507\,908\,300\,800} + \\
 & \frac{34\,583\,777\,\pi^2\,a_{10}\,a_{12}\,a_{13}\,a_{14}}{19\,578\,909\,622\,272} + \frac{1\,745\,359\,172\,143\,a_{11}\,a_{12}\,a_{13}\,a_{14}}{555\,062\,087\,791\,411\,200} + \frac{3\,\pi^2\,a_{11}\,a_{12}\,a_{13}\,a_{14}}{44\,843\,008} + \\
 & \frac{35\,379\,913\,a_2\,a_{13}^2\,a_{14}}{1\,317\,360\,844\,800} + \frac{711\,\pi^2\,a_2\,a_{13}^2\,a_{14}}{1\,388\,068\,864} + \frac{9\,043\,747\,a_4\,a_{13}^2\,a_{14}}{2\,781\,095\,116\,800} + \frac{67\,574\,762\,993\,a_6\,a_{13}^2\,a_{14}}{10\,512\,539\,541\,504\,000} + \\
 & \frac{17\,\pi^2\,a_6\,a_{13}^2\,a_{14}}{144\,506\,880} + \frac{108\,932\,459\,a_7\,a_{13}^2\,a_{14}}{142\,762\,882\,662\,400} + \frac{6\,793\,909\,261\,a_{10}\,a_{13}^2\,a_{14}}{4\,405\,254\,665\,011\,200} + \frac{1\,503\,\pi^2\,a_{10}\,a_{13}^2\,a_{14}}{55\,246\,585\,856} + \\
 & \frac{178\,367\,729\,a_{11}\,a_{13}^2\,a_{14}}{991\,952\,449\,044\,480} + \frac{3\,737\,a_2^2\,a_{14}^2}{302\,400} + \frac{13\,063\,\pi^2\,a_2^2\,a_{14}^2}{4\,435\,200} + \frac{7\,\pi^4\,a_2^2\,a_{14}^2}{133\,120} + \frac{63\,913\,a_3^2\,a_{14}^2}{45\,619\,200} + \\
 & \frac{7\,414\,199\,\pi^2\,a_3^2\,a_{14}^2}{14\,902\,272\,000} + \frac{7\,\pi^4\,a_3^2\,a_{14}^2}{614\,400} + \frac{1\,421\,a_2\,a_4\,a_{14}^2}{316\,800} + \frac{88\,069\,\pi^2\,a_2\,a_4\,a_{14}^2}{215\,255\,040} + \frac{4\,193\,641\,a_4^2\,a_{14}^2}{12\,108\,096\,000} + \\
 & \frac{\pi^2\,a_4^2\,a_{14}^2}{122\,880} + \frac{1\,658\,521\,a_3\,a_5\,a_{14}^2}{3\,228\,825\,600} + \frac{138\,059\,\pi^2\,a_3\,a_5\,a_{14}^2}{2\,583\,060\,480} + \frac{511\,843\,a_5^2\,a_{14}^2}{14\,902\,272\,000} + \frac{19\,\pi^2\,a_5^2\,a_{14}^2}{27\,156\,480} + \\
 & \frac{130\,751\,a_2\,a_6\,a_{14}^2}{19\,958\,400} + \frac{4\,193\,641\,\pi^2\,a_2\,a_6\,a_{14}^2}{3\,027\,024\,000} + \frac{7\,\pi^4\,a_2\,a_6\,a_{14}^2}{307\,200} + \frac{8\,968\,709\,a_4\,a_6\,a_{14}^2}{8\,072\,064\,000} + \\
 & \frac{1423\,\pi^2\,a_4\,a_6\,a_{14}^2}{15\,375\,360} + \frac{20\,662\,987\,a_6^2\,a_{14}^2}{24\,216\,192\,000} + \frac{264\,263\,\pi^2\,a_6^2\,a_{14}^2}{1\,614\,412\,800} + \frac{7\,\pi^4\,a_6^2\,a_{14}^2}{2\,785\,280} + \frac{8\,968\,709\,a_2\,a_7\,a_{14}^2}{8\,072\,064\,000} + \\
 & \frac{1423\,\pi^2\,a_2\,a_7\,a_{14}^2}{15\,375\,360} + \frac{264\,263\,a_4\,a_7\,a_{14}^2}{1\,614\,412\,800} + \frac{\pi^2\,a_4\,a_7\,a_{14}^2}{278\,528} + \frac{39\,838\,781\,a_6\,a_7\,a_{14}^2}{145\,297\,152\,000} + \\
 & \frac{1\,593\,269\,\pi^2\,a_6\,a_7\,a_{14}^2}{75\,277\,762\,560} + \frac{4\,651\,811\,a_7^2\,a_{14}^2}{239\,520\,153\,600} + \frac{\pi^2\,a_7^2\,a_{14}^2}{2\,490\,368} + \frac{21\,792\,973\,a_3\,a_8\,a_{14}^2}{24\,216\,192\,000} + \\
 & \frac{269\,219\,\pi^2\,a_3\,a_8\,a_{14}^2}{1\,076\,275\,200} + \frac{7\,\pi^4\,a_3\,a_8\,a_{14}^2}{1\,392\,640} + \frac{476\,597\,a_5\,a_8\,a_{14}^2}{3\,302\,208\,000} + \frac{949\,853\,\pi^2\,a_5\,a_8\,a_{14}^2}{75\,277\,762\,560} + \frac{2\,956\,787\,a_8^2\,a_{14}^2}{21\,525\,504\,000} + \\
 & \frac{82\,706\,627\,\pi^2\,a_8^2\,a_{14}^2}{2\,634\,721\,689\,600} + \frac{7\,\pi^4\,a_8^2\,a_{14}^2}{12\,451\,840} + \frac{89\,900\,009\,a_3\,a_9\,a_{14}^2}{581\,188\,608\,000} + \frac{19\,398\,569\,\pi^2\,a_3\,a_9\,a_{14}^2}{1\,317\,360\,844\,800} + \\
 & \frac{322\,937\,821\,a_5\,a_9\,a_{14}^2}{16\,467\,010\,560\,000} + \frac{977\,\pi^2\,a_5\,a_9\,a_{14}^2}{2\,579\,865\,600} + \frac{630\,247\,147\,a_8\,a_9\,a_{14}^2}{14\,637\,342\,720\,000} + \frac{1\,856\,611\,\pi^2\,a_8\,a_9\,a_{14}^2}{529\,732\,403\,200} + \\
 & \frac{36\,917\,610\,089\,a_9^2\,a_{14}^2}{13\,140\,674\,426\,880\,000} + \frac{197\,\pi^2\,a_9^2\,a_{14}^2}{3\,801\,907\,200} + \frac{20\,662\,987\,a_2\,a_{10}\,a_{14}^2}{12\,108\,096\,000} + \frac{264\,263\,\pi^2\,a_2\,a_{10}\,a_{14}^2}{807\,206\,400} + \\
 & \frac{7\,\pi^4\,a_2\,a_{10}\,a_{14}^2}{1\,392\,640} + \frac{39\,838\,781\,a_4\,a_{10}\,a_{14}^2}{145\,297\,152\,000} + \frac{1\,593\,269\,\pi^2\,a_4\,a_{10}\,a_{14}^2}{75\,277\,762\,560} + \frac{5\,804\,629\,a_6\,a_{10}\,a_{14}^2}{13\,208\,832\,000} + \\
 & \frac{4\,651\,811\,\pi^2\,a_6\,a_{10}\,a_{14}^2}{59\,880\,038\,400} + \frac{7\,\pi^4\,a_6\,a_{10}\,a_{14}^2}{6\,225\,920} + \frac{329\,431\,857\,a_7\,a_{10}\,a_{14}^2}{4\,879\,114\,240\,000} + \frac{7\,759\,469\,\pi^2\,a_7\,a_{10}\,a_{14}^2}{1\,589\,197\,209\,600} + \\
 & \frac{4\,753\,519\,363\,a_{10}^2\,a_{14}^2}{84\,687\,482\,880\,000} + \frac{778\,001\,383\,\pi^2\,a_{10}^2\,a_{14}^2}{84\,100\,316\,332\,032} + \frac{\pi^4\,a_{10}^2\,a_{14}^2}{7\,864\,320} + \frac{39\,838\,781\,a_2\,a_{11}\,a_{14}^2}{145\,297\,152\,000} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{1\,593\,269\,\pi^2\,a_2\,a_{11}\,a_{14}^2}{75\,277\,762\,560} + \frac{4\,651\,811\,a_4\,a_{11}\,a_{14}^2}{119\,760\,076\,800} + \frac{\pi^2\,a_4\,a_{11}\,a_{14}^2}{1\,245\,184} + \frac{329\,431\,857\,a_6\,a_{11}\,a_{14}^2}{4\,879\,114\,240\,000} + \\
 & \frac{7\,759\,469\,\pi^2\,a_6\,a_{11}\,a_{14}^2}{1\,589\,197\,209\,600} + \frac{778\,001\,383\,a_7\,a_{11}\,a_{14}^2}{84\,100\,316\,332\,032} + \frac{\pi^2\,a_7\,a_{11}\,a_{14}^2}{5\,505\,024} + \frac{58\,192\,725\,971\,a_{10}\,a_{11}\,a_{14}^2}{3\,504\,179\,847\,168\,000} + \\
 & \frac{31\,730\,711\,\pi^2\,a_{10}\,a_{11}\,a_{14}^2}{27\,969\,870\,888\,960} + \frac{973\,676\,323\,a_{11}^2\,a_{14}^2}{881\,050\,933\,002\,240} + \frac{\pi^2\,a_{11}^2\,a_{14}^2}{48\,234\,496} + \frac{98\,505\,601\,a_3\,a_{12}\,a_{14}^2}{387\,459\,072\,000} + \\
 & \frac{15\,348\,629\,\pi^2\,a_3\,a_{12}\,a_{14}^2}{250\,925\,875\,200} + \frac{7\,\pi^4\,a_3\,a_{12}\,a_{14}^2}{6\,225\,920} + \frac{44\,491\,807\,153\,a_5\,a_{12}\,a_{14}^2}{1\,185\,624\,760\,320\,000} + \frac{14\,936\,587\,\pi^2\,a_5\,a_{12}\,a_{14}^2}{5\,048\,038\,195\,200} + \\
 & \frac{448\,077\,629\,a_8\,a_{12}\,a_{14}^2}{5\,928\,123\,801\,600} + \frac{5\,382\,324\,397\,\pi^2\,a_8\,a_{12}\,a_{14}^2}{350\,417\,984\,716\,800} + \frac{\pi^4\,a_8\,a_{12}\,a_{14}^2}{3\,932\,160} + \frac{18\,037\,663\,849\,a_9\,a_{12}\,a_{14}^2}{1\,617\,313\,775\,616\,000} + \\
 & \frac{74\,399\,197\,\pi^2\,a_9\,a_{12}\,a_{14}^2}{89\,903\,156\,428\,800} + \frac{1\,552\,054\,050\,709\,a_{12}^2\,a_{14}^2}{151\,380\,569\,397\,657\,600} + \frac{596\,862\,346\,727\,\pi^2\,a_{12}^2\,a_{14}^2}{317\,178\,335\,880\,806\,400} + \\
 & \frac{7\,\pi^4\,a_{12}^2\,a_{14}^2}{5\,450\,230\,339} + \frac{5\,450\,230\,339\,a_3\,a_{13}\,a_{14}^2}{131\,736\,084\,480\,000} + \frac{189\,572\,109\,\pi^2\,a_3\,a_{13}\,a_{14}^2}{51\,913\,775\,513\,600} + \frac{17\,575\,678\,093\,a_5\,a_{13}\,a_{14}^2}{3\,504\,179\,847\,168\,000} + \\
 & \frac{241\,172\,480}{157\,\pi^2\,a_5\,a_{13}\,a_{14}^2} + \frac{12\,023\,755\,477\,a_8\,a_{13}\,a_{14}^2}{1\,051\,253\,954\,150\,400} + \frac{11\,420\,023\,\pi^2\,a_8\,a_{13}\,a_{14}^2}{13\,052\,606\,414\,848} + \frac{4\,115\,930\,321\,a_9\,a_{13}\,a_{14}^2}{2\,855\,257\,653\,248\,000} + \\
 & \frac{11\,301\,\pi^2\,a_9\,a_{13}\,a_{14}^2}{1\,699\,676\,160} + \frac{1\,639\,958\,629\,147\,a_{12}\,a_{13}\,a_{14}^2}{1\,639\,958\,629\,147} + \frac{180\,119\,899\,\pi^2\,a_{12}\,a_{13}\,a_{14}^2}{180\,119\,899} + \\
 & \frac{443\,048\,919\,040}{5\,260\,376\,196\,307\,a_{13}^2\,a_{14}^2} + \frac{555\,062\,087\,791\,411\,200}{2\,007\,\pi^2\,a_{13}^2\,a_{14}^2} + \frac{866\,916\,426\,055\,680}{5\,804\,629\,a_2\,a_{14}^3} + \frac{4\,651\,811\,\pi^2\,a_2\,a_{14}^3}{4\,651\,811} + \\
 & \frac{28\,369\,840\,042\,672\,128\,000}{634\,545\,766\,400} + \frac{39\,626\,496\,000}{179\,640\,115\,200} + \\
 & \frac{7\,\pi^4\,a_2\,a_{14}^3}{109\,810\,619\,a_4\,a_{14}^3} + \frac{109\,810\,619\,a_4\,a_{14}^3}{7\,759\,469\,\pi^2\,a_4\,a_{14}^3} + \frac{4\,753\,519\,363\,a_6\,a_{14}^3}{4\,753\,519\,363} + \\
 & \frac{18\,677\,760}{4\,879\,114\,240\,000} + \frac{4\,767\,591\,628\,800}{127\,031\,224\,320\,000} + \\
 & \frac{778\,001\,383\,\pi^2\,a_6\,a_{14}^3}{\pi^4\,a_6\,a_{14}^3} + \frac{58\,192\,725\,971\,a_7\,a_{14}^3}{58\,192\,725\,971} + \frac{31\,730\,711\,\pi^2\,a_7\,a_{14}^3}{31\,730\,711} + \\
 & \frac{126\,150\,474\,498\,048}{11\,796\,480} + \frac{10\,512\,539\,541\,504\,000}{83\,909\,612\,666\,880} + \\
 & \frac{1\,498\,706\,488\,997\,a_{10}\,a_{14}^3}{973\,676\,323\,\pi^2\,a_{10}\,a_{14}^3} + \frac{7\,\pi^4\,a_{10}\,a_{14}^3}{3\,776\,249\,956\,033} + \frac{3\,776\,249\,956\,033\,a_{11}\,a_{14}^3}{3\,776\,249\,956\,033} + \\
 & \frac{157\,688\,093\,122\,560\,000}{660\,788\,199\,751\,680} + \frac{361\,758\,720}{2\,775\,310\,438\,957\,056\,000} + \\
 & \frac{46\,522\,243\,\pi^2\,a_{11}\,a_{14}^3}{46\,522\,243} + \frac{46\,326\,137\,919\,619\,a_{14}^4}{536\,568\,051\,133\,\pi^2\,a_{14}^4} + \\
 & \frac{526\,342\,115\,819\,520}{77\,091\,956\,637\,696\,000\,000} + \frac{6\,079\,251\,437\,715\,456\,000}{6\,079\,251\,437\,715\,456\,000} + \\
 & \frac{7\,\pi^4\,a_{14}^4}{6\,291\,456\,000} + \frac{11}{120}\,a_2^3\,a_{15} + \frac{11}{840}\,\pi^2\,a_2^3\,a_{15} + \frac{163\,a_2\,a_3^2\,a_{15}}{6\,048} + \frac{1\,339\,\pi^2\,a_2\,a_3^2\,a_{15}}{201\,600} + \\
 & \frac{409\,a_2^2\,a_4\,a_{15}}{7\,560} + \frac{1}{576}\,\pi^2\,a_2^2\,a_4\,a_{15} + \frac{247\,a_3^2\,a_4\,a_{15}}{44\,800} + \frac{\pi^2\,a_3^2\,a_4\,a_{15}}{2\,816} + \frac{563\,a_2\,a_4^2\,a_{15}}{67\,200} + \frac{a_4^3\,a_{15}}{2\,816} + \\
 & \frac{20\,063\,a_2\,a_3\,a_5\,a_{15}}{1\,814\,400} + \frac{\pi^2\,a_2\,a_3\,a_5\,a_{15}}{2376} + \frac{72\,777\,a_3\,a_4\,a_5\,a_{15}}{4\,435\,200} + \frac{197\,a_2\,a_5^2\,a_{15}}{277\,200} + \frac{83\,a_4\,a_5^2\,a_{15}}{988\,416} + \\
 & \frac{359\,a_2^2\,a_6\,a_{15}}{5\,040} + \frac{563\,\pi^2\,a_2^2\,a_6\,a_{15}}{67\,200} + \frac{725\,a_3^2\,a_6\,a_{15}}{96\,768} + \frac{41\,\pi^2\,a_3^2\,a_6\,a_{15}}{27\,720} + \frac{141\,a_2\,a_4\,a_6\,a_{15}}{5\,600} + \\
 & \frac{\pi^2\,a_2\,a_4\,a_6\,a_{15}}{1\,408} + \frac{1\,627\,a_4^2\,a_6\,a_{15}}{887\,040} + \frac{23\,563\,a_3\,a_5\,a_6\,a_{15}}{8\,870\,400} + \frac{5\,\pi^2\,a_3\,a_5\,a_6\,a_{15}}{54\,912} + \frac{195\,691\,a_5^2\,a_6\,a_{15}}{1\,210\,809\,600} + \\
 & \frac{21\,757\,a_2\,a_6^2\,a_{15}}{1\,209\,600} + \frac{1\,627\,\pi^2\,a_2\,a_6^2\,a_{15}}{887\,040} + \frac{13\,063\,a_4\,a_6^2\,a_{15}}{4\,435\,200} + \frac{\pi^2\,a_4\,a_6^2\,a_{15}}{13\,312} + \frac{1\,421\,a_3^2\,a_{15}}{950\,400} + \\
 & \frac{88\,069\,\pi^2\,a_3^2\,a_{15}}{645\,765\,120} + \frac{141\,a_2^2\,a_7\,a_{15}}{11\,200} + \frac{\pi^2\,a_2^2\,a_7\,a_{15}}{2816} + \frac{3\,491\,a_3^2\,a_7\,a_{15}}{2\,534\,400} + \frac{\pi^2\,a_3^2\,a_7\,a_{15}}{13\,312} + \frac{1\,627\,a_2\,a_4\,a_7\,a_{15}}{443\,520} + \\
 & \frac{3\,a_4^2\,a_7\,a_{15}}{13\,312} + \frac{364\,207\,a_3\,a_5\,a_7\,a_{15}}{968\,647\,680} + \frac{41\,a_5^2\,a_7\,a_{15}}{2\,196\,480} + \frac{13\,063\,a_2\,a_6\,a_7\,a_{15}}{2\,217\,600} + \frac{\pi^2\,a_2\,a_6\,a_7\,a_{15}}{6656} + \\
 & \frac{88\,069\,a_4\,a_6\,a_7\,a_{15}}{107\,627\,520} + \frac{4\,193\,641\,a_6^2\,a_7\,a_{15}}{6\,054\,048\,000} + \frac{\pi^2\,a_6^2\,a_7\,a_{15}}{61\,440} + \frac{88\,069\,a_2\,a_7^2\,a_{15}}{215\,255\,040} + \frac{a_4\,a_7^2\,a_{15}}{20\,480} +
 \end{aligned}$$

$$\begin{aligned}
& \frac{1423 a_6 a_7^2 a_{15}}{15375360} + \frac{a_7^3 a_{15}}{278528} + \frac{32009 a_2 a_3 a_8 a_{15}}{1814400} + \frac{8047 \pi^2 a_2 a_3 a_8 a_{15}}{2661120} + \frac{13723 a_3 a_4 a_8 a_{15}}{4435200} + \\
& \frac{\pi^2 a_3 a_4 a_8 a_{15}}{6656} + \frac{4349 a_2 a_5 a_8 a_{15}}{1478400} + \frac{5 \pi^2 a_2 a_5 a_8 a_{15}}{54912} + \frac{43843 a_4 a_5 a_8 a_{15}}{107627520} + \frac{4559 a_3 a_6 a_8 a_{15}}{985600} + \\
& \frac{12269 \pi^2 a_3 a_6 a_8 a_{15}}{17937920} + \frac{1552433 a_5 a_6 a_8 a_{15}}{2201472000} + \frac{\pi^2 a_5 a_6 a_8 a_{15}}{49920} + \frac{1362103 a_3 a_7 a_8 a_{15}}{1793792000} + \\
& \frac{\pi^2 a_3 a_7 a_8 a_{15}}{30720} + \frac{24319 a_5 a_7 a_8 a_{15}}{258306048} + \frac{5899 a_2 a_8^2 a_{15}}{2217600} + \frac{75329 \pi^2 a_2 a_8^2 a_{15}}{215255040} + \frac{103511 a_4 a_8^2 a_{15}}{244608000} + \\
& \frac{\pi^2 a_4 a_8^2 a_{15}}{61440} + \frac{1216867 a_6 a_8^2 a_{15}}{1793792000} + \frac{2461 \pi^2 a_6 a_8^2 a_{15}}{30750720} + \frac{1217 a_7 a_8^2 a_{15}}{11827200} + \frac{\pi^2 a_7 a_8^2 a_{15}}{278528} + \\
& \frac{6073 a_2 a_3 a_9 a_{15}}{1900800} + \frac{\pi^2 a_2 a_3 a_9 a_{15}}{9360} + \frac{603481 a_3 a_4 a_9 a_{15}}{1345344000} + \frac{211877 a_2 a_5 a_9 a_{15}}{550368000} + \\
& \frac{73 a_4 a_5 a_9 a_{15}}{1647360} + \frac{3711157 a_3 a_6 a_9 a_{15}}{4843238400} + \frac{\pi^2 a_3 a_6 a_9 a_{15}}{42240} + \frac{54959 a_5 a_6 a_9 a_{15}}{620928000} + \\
& \frac{47849 a_3 a_7 a_9 a_{15}}{461260800} + \frac{373 a_5 a_7 a_9 a_{15}}{37340160} + \frac{569629 a_2 a_8 a_9 a_{15}}{672672000} + \frac{\pi^2 a_2 a_8 a_9 a_{15}}{42240} + \\
& \frac{121 a_4 a_8 a_9 a_{15}}{1075200} + \frac{546241 a_6 a_8 a_9 a_{15}}{2690688000} + \frac{3 \pi^2 a_6 a_8 a_9 a_{15}}{565760} + \frac{1326653 a_7 a_8 a_9 a_{15}}{50667724800} + \\
& \frac{30463 a_2 a_9^2 a_{15}}{576576000} + \frac{101 a_4 a_9^2 a_{15}}{16972800} + \frac{50412979 a_6 a_9^2 a_{15}}{4116752640000} + \frac{29 a_7 a_9^2 a_{15}}{21401600} + \frac{21757 a_2^2 a_{10} a_{15}}{1209600} + \\
& \frac{1627 \pi^2 a_2^2 a_{10} a_{15}}{887040} + \frac{35459 a_3^2 a_{10} a_{15}}{17740800} + \frac{71899 \pi^2 a_3^2 a_{10} a_{15}}{215255040} + \frac{13063 a_2 a_4 a_{10} a_{15}}{2217600} + \\
& \frac{\pi^2 a_2 a_4 a_{10} a_{15}}{6656} + \frac{88069 a_4^2 a_{10} a_{15}}{215255040} + \frac{30910921 a_3 a_5 a_{10} a_{15}}{48432384000} + \frac{\pi^2 a_3 a_5 a_{10} a_{15}}{49920} + \\
& \frac{53903 a_5^2 a_{10} a_{15}}{1452971520} + \frac{1421 a_2 a_6 a_{10} a_{15}}{158400} + \frac{88069 \pi^2 a_2 a_6 a_{10} a_{15}}{107627520} + \frac{4193641 a_4 a_6 a_{10} a_{15}}{3027024000} + \\
& \frac{\pi^2 a_4 a_6 a_{10} a_{15}}{30720} + \frac{8968709 a_6^2 a_{10} a_{15}}{8072064000} + \frac{1423 \pi^2 a_6^2 a_{10} a_{15}}{15375360} + \frac{4193641 a_2 a_7 a_{10} a_{15}}{3027024000} + \\
& \frac{\pi^2 a_2 a_7 a_{10} a_{15}}{30720} + \frac{1423 a_4 a_7 a_{10} a_{15}}{7687680} + \frac{264263 a_6 a_7 a_{10} a_{15}}{807206400} + \frac{\pi^2 a_6 a_7 a_{10} a_{15}}{139264} + \\
& \frac{1593269 a_7^2 a_{10} a_{15}}{75277762560} + \frac{5770357 a_3 a_8 a_{10} a_{15}}{4843238400} + \frac{9613 \pi^2 a_3 a_8 a_{10} a_{15}}{61501440} + \frac{420281 a_5 a_8 a_{10} a_{15}}{2483712000} + \\
& \frac{7 \pi^2 a_5 a_8 a_{10} a_{15}}{1566720} + \frac{5536651 a_8^2 a_{10} a_{15}}{32288256000} + \frac{277813 \pi^2 a_8^2 a_{10} a_{15}}{15055552512} + \frac{5945039 a_3 a_9 a_{10} a_{15}}{32288256000} + \\
& \frac{3 \pi^2 a_3 a_9 a_{10} a_{15}}{565760} + \frac{6750839 a_5 a_9 a_{10} a_{15}}{329340211200} + \frac{8193869 a_8 a_9 a_{10} a_{15}}{168030720000} + \frac{7 \pi^2 a_8 a_9 a_{10} a_{15}}{5836800} + \\
& \frac{8508541 a_9^2 a_{10} a_{15}}{2979744768000} + \frac{8968709 a_2 a_{10}^2 a_{15}}{8072064000} + \frac{1423 \pi^2 a_2 a_{10}^2 a_{15}}{15375360} + \frac{264263 a_4 a_{10}^2 a_{15}}{1614412800} + \\
& \frac{\pi^2 a_4 a_{10}^2 a_{15}}{278528} + \frac{39838781 a_6 a_{10}^2 a_{15}}{145297152000} + \frac{1593269 \pi^2 a_6 a_{10}^2 a_{15}}{75277762560} + \frac{4651811 a_7 a_{10}^2 a_{15}}{119760076800} + \\
& \frac{\pi^2 a_7 a_{10}^2 a_{15}}{1245184} + \frac{109810619 a_{10}^3 a_{15}}{487911424000} + \frac{7759469 \pi^2 a_{10}^3 a_{15}}{4767591628800} + \frac{13063 a_2^2 a_{11} a_{15}}{4435200} + \\
& \frac{\pi^2 a_2^2 a_{11} a_{15}}{13312} + \frac{32924581 a_3^2 a_{11} a_{15}}{96864768000} + \frac{\pi^2 a_3^2 a_{11} a_{15}}{61440} + \frac{88069 a_2 a_4 a_{11} a_{15}}{107627520} + \frac{a_4^2 a_{11} a_{15}}{20480} + \\
& \frac{112187 a_3 a_5 a_{11} a_{15}}{1291530240} + \frac{19 a_5^2 a_{11} a_{15}}{4526080} + \frac{4193641 a_2 a_6 a_{11} a_{15}}{3027024000} + \frac{\pi^2 a_2 a_6 a_{11} a_{15}}{30720} +
\end{aligned}$$

$$\begin{aligned}
 & \frac{1423 a_4 a_6 a_{11} a_{15}}{7\ 687\ 680} + \frac{264\ 263 a_6^2 a_{11} a_{15}}{1\ 614\ 412\ 800} + \frac{\pi^2 a_6^2 a_{11} a_{15}}{278\ 528} + \frac{1423 a_2 a_7 a_{11} a_{15}}{7\ 687\ 680} + \frac{3 a_4 a_7 a_{11} a_{15}}{139\ 264} + \\
 & \frac{1\ 593\ 269 a_6 a_7 a_{11} a_{15}}{37\ 638\ 881\ 280} + \frac{3 a_7^2 a_{11} a_{15}}{1\ 245\ 184} + \frac{598\ 687 a_3 a_8 a_{11} a_{15}}{3\ 228\ 825\ 600} + \frac{\pi^2 a_3 a_8 a_{11} a_{15}}{139\ 264} + \\
 & \frac{824\ 189 a_5 a_8 a_{11} a_{15}}{37\ 638\ 881\ 280} + \frac{8\ 227\ 789 a_8^2 a_{11} a_{15}}{329\ 340\ 211\ 200} + \frac{\pi^2 a_8^2 a_{11} a_{15}}{1\ 245\ 184} + \frac{15\ 905\ 849 a_3 a_9 a_{11} a_{15}}{658\ 680\ 422\ 400} + \\
 & \frac{977 a_5 a_9 a_{11} a_{15}}{429\ 977\ 600} + \frac{95\ 443 a_8 a_9 a_{11} a_{15}}{15\ 580\ 364\ 800} + \frac{197 a_9^2 a_{11} a_{15}}{633\ 651\ 200} + \frac{264\ 263 a_2 a_{10} a_{11} a_{15}}{807\ 206\ 400} + \\
 & \frac{\pi^2 a_2 a_{10} a_{11} a_{15}}{139\ 264} + \frac{1\ 593\ 269 a_4 a_{10} a_{11} a_{15}}{37\ 638\ 881\ 280} + \frac{4\ 651\ 811 a_6 a_{10} a_{11} a_{15}}{59\ 880\ 038\ 400} + \frac{\pi^2 a_6 a_{10} a_{11} a_{15}}{622\ 592} + \\
 & \frac{7\ 759\ 469 a_7 a_{10} a_{11} a_{15}}{794\ 598\ 604\ 800} + \frac{778\ 001\ 383 a_{10}^2 a_{11} a_{15}}{84\ 100\ 316\ 332\ 032} + \frac{\pi^2 a_{10}^2 a_{11} a_{15}}{5\ 505\ 024} + \frac{1\ 593\ 269 a_2 a_{11}^2 a_{15}}{75\ 277\ 762\ 560} + \\
 & \frac{3 a_4 a_{11}^2 a_{15}}{1\ 245\ 184} + \frac{7\ 759\ 469 a_6 a_{11}^2 a_{15}}{1\ 589\ 197\ 209\ 600} + \frac{a_7 a_{11}^2 a_{15}}{1\ 835\ 008} + \frac{31\ 730\ 711 a_{10} a_{11}^2 a_{15}}{27\ 969\ 870\ 888\ 960} + \frac{a_{11}^3 a_{15}}{24\ 117\ 248} + \\
 & \frac{294\ 881 a_2 a_3 a_{12} a_{15}}{59\ 875\ 200} + \frac{1\ 998\ 407 \pi^2 a_2 a_3 a_{12} a_{15}}{2\ 905\ 943\ 040} + \frac{12\ 783\ 269 a_3 a_4 a_{12} a_{15}}{16\ 144\ 128\ 000} + \frac{\pi^2 a_3 a_4 a_{12} a_{15}}{30\ 720} + \\
 & \frac{35\ 426\ 707 a_2 a_5 a_{12} a_{15}}{48\ 432\ 384\ 000} + \frac{\pi^2 a_2 a_5 a_{12} a_{15}}{49\ 920} + \frac{86\ 503 a_4 a_5 a_{12} a_{15}}{894\ 136\ 320} + \frac{122\ 157\ 793 a_3 a_6 a_{12} a_{15}}{96\ 864\ 768\ 000} + \\
 & \frac{227 \pi^2 a_3 a_6 a_{12} a_{15}}{1\ 441\ 440} + \frac{14\ 582\ 849 a_5 a_6 a_{12} a_{15}}{83\ 026\ 944\ 000} + \frac{7 \pi^2 a_5 a_6 a_{12} a_{15}}{1\ 566\ 720} + \frac{4\ 492\ 651 a_3 a_7 a_{12} a_{15}}{23\ 247\ 544\ 320} + \\
 & \frac{\pi^2 a_3 a_7 a_{12} a_{15}}{139\ 264} + \frac{169\ 693 a_5 a_7 a_{12} a_{15}}{7\ 527\ 776\ 256} + \frac{1\ 388\ 749 a_2 a_8 a_{12} a_{15}}{968\ 647\ 680} + \frac{29\ 749 \pi^2 a_2 a_8 a_{12} a_{15}}{184\ 504\ 320} + \\
 & \frac{55\ 397 a_4 a_8 a_{12} a_{15}}{258\ 306\ 048} + \frac{\pi^2 a_4 a_8 a_{12} a_{15}}{139\ 264} + \frac{209\ 892\ 223 a_6 a_8 a_{12} a_{15}}{581\ 188\ 608\ 000} + \frac{700\ 423 \pi^2 a_6 a_8 a_{12} a_{15}}{18\ 819\ 440\ 640} + \\
 & \frac{702\ 953 a_7 a_8 a_{12} a_{15}}{13\ 511\ 393\ 280} + \frac{\pi^2 a_7 a_8 a_{12} a_{15}}{622\ 592} + \frac{12\ 253\ 897 a_2 a_9 a_{12} a_{15}}{58\ 118\ 860\ 800} + \frac{3 \pi^2 a_2 a_9 a_{12} a_{15}}{565\ 760} + \\
 & \frac{1\ 184\ 863 a_4 a_9 a_{12} a_{15}}{43\ 912\ 028\ 160} + \frac{1\ 667\ 900\ 203 a_6 a_9 a_{12} a_{15}}{32\ 934\ 021\ 120\ 000} + \frac{7 \pi^2 a_6 a_9 a_{12} a_{15}}{5\ 836\ 800} + \frac{1\ 368\ 973 a_7 a_9 a_{12} a_{15}}{216\ 708\ 710\ 400} + \\
 & \frac{3\ 380\ 371 a_3 a_{10} a_{12} a_{15}}{10\ 567\ 065\ 600} + \frac{1\ 367\ 813 \pi^2 a_3 a_{10} a_{12} a_{15}}{37\ 638\ 881\ 280} + \frac{28\ 601\ 917 a_5 a_{10} a_{12} a_{15}}{677\ 499\ 863\ 040} + \frac{\pi^2 a_5 a_{10} a_{12} a_{15}}{992\ 256} + \\
 & \frac{220\ 805\ 971 a_8 a_{10} a_{12} a_{15}}{2\ 439\ 557\ 120\ 000} + \frac{123\ 675\ 463 \pi^2 a_8 a_{10} a_{12} a_{15}}{14\ 302\ 774\ 886\ 400} + \frac{25\ 619\ 947\ 729 a_9 a_{10} a_{12} a_{15}}{2\ 102\ 507\ 908\ 300\ 800} + \\
 & \frac{\pi^2 a_9 a_{10} a_{12} a_{15}}{3\ 655\ 680} + \frac{24\ 792\ 799 a_3 a_{11} a_{12} a_{15}}{526\ 944\ 337\ 920} + \frac{\pi^2 a_3 a_{11} a_{12} a_{15}}{622\ 592} + \frac{2\ 664\ 287 a_5 a_{11} a_{12} a_{15}}{504\ 803\ 819\ 520} + \\
 & \frac{6\ 632\ 178\ 031 a_8 a_{11} a_{12} a_{15}}{525\ 626\ 977\ 075\ 200} + \frac{\pi^2 a_8 a_{11} a_{12} a_{15}}{2\ 752\ 512} + \frac{66\ 784\ 909 a_9 a_{11} a_{12} a_{15}}{44\ 951\ 578\ 214\ 400} + \frac{4\ 419\ 929 a_2 a_{12}^2 a_{15}}{23\ 247\ 544\ 320} + \\
 & \frac{1\ 412\ 627 \pi^2 a_2 a_{12}^2 a_{15}}{75\ 277\ 762\ 560} + \frac{19\ 773\ 869 a_4 a_{12}^2 a_{15}}{729\ 615\ 237\ 120} + \frac{\pi^2 a_4 a_{12}^2 a_{15}}{1\ 245\ 184} + \frac{1\ 391\ 372\ 449 a_6 a_{12}^2 a_{15}}{29\ 274\ 685\ 440\ 000} + \\
 & \frac{7\ 799\ 849 \pi^2 a_6 a_{12}^2 a_{15}}{1\ 787\ 846\ 860\ 800} + \frac{2\ 208\ 869\ 431 a_7 a_{12}^2 a_{15}}{336\ 401\ 265\ 328\ 128} + \frac{\pi^2 a_7 a_{12}^2 a_{15}}{5\ 505\ 024} + \frac{896\ 597\ 057\ 437 a_{10} a_{12}^2 a_{15}}{75\ 690\ 284\ 698\ 828\ 800} + \\
 & \frac{85\ 568\ 519 \pi^2 a_{10} a_{12}^2 a_{15}}{83\ 909\ 612\ 666\ 880} + \frac{2\ 969\ 615\ 213 a_{11} a_{12}^2 a_{15}}{1\ 865\ 754\ 916\ 945\ 920} + \frac{\pi^2 a_{11} a_{12}^2 a_{15}}{24\ 117\ 248} + \frac{13\ 277\ 477 a_2 a_3 a_{13} a_{15}}{16\ 144\ 128\ 000} + \\
 & \frac{\pi^2 a_2 a_3 a_{13} a_{15}}{40\ 320} + \frac{237\ 851 a_3 a_4 a_{13} a_{15}}{2\ 152\ 550\ 400} + \frac{11\ 689 a_2 a_5 a_{13} a_{15}}{124\ 185\ 600} + \frac{1277 a_4 a_5 a_{13} a_{15}}{120\ 637\ 440} + \\
 & \frac{2\ 548\ 547 a_3 a_6 a_{13} a_{15}}{12\ 915\ 302\ 400} + \frac{15 \pi^2 a_3 a_6 a_{13} a_{15}}{2\ 680\ 832} + \frac{7\ 190\ 731 a_5 a_6 a_{13} a_{15}}{329\ 340\ 211\ 200} + \frac{6\ 784\ 181 a_3 a_7 a_{13} a_{15}}{263\ 472\ 168\ 960} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{6393 a_5 a_7 a_{13} a_{15}}{2648662016} + \frac{281041 a_2 a_8 a_{13} a_{15}}{1291530240} + \frac{15 \pi^2 a_2 a_8 a_{13} a_{15}}{2680832} + \frac{669259 a_4 a_8 a_{13} a_{15}}{23952015360} + \\
 & \frac{6254893 a_6 a_8 a_{13} a_{15}}{119760076800} + \frac{9 \pi^2 a_6 a_8 a_{13} a_{15}}{7081984} + \frac{768129 a_7 a_8 a_{13} a_{15}}{117451980800} + \frac{661363 a_2 a_9 a_{13} a_{15}}{25333862400} + \\
 & \frac{1531 a_4 a_9 a_{13} a_{15}}{531148800} + \frac{197678387 a_6 a_9 a_{13} a_{15}}{32446109696000} + \frac{71 a_7 a_9 a_{13} a_{15}}{107233280} + \frac{13895467 a_3 a_{10} a_{13} a_{15}}{292746854400} + \\
 & \frac{9 \pi^2 a_3 a_{10} a_{13} a_{15}}{7081984} + \frac{157489873 a_5 a_{10} a_{13} a_{15}}{30919233945600} + \frac{132081266393 a_8 a_{10} a_{13} a_{15}}{10512539541504000} + \\
 & \frac{\pi^2 a_8 a_{10} a_{13} a_{15}}{3440640} + \frac{92573347 a_9 a_{10} a_{13} a_{15}}{64783156838400} + \frac{156585309 a_3 a_{11} a_{13} a_{15}}{25956887756800} + \frac{157 a_5 a_{11} a_{13} a_{15}}{283279360} + \\
 & \frac{528301 a_8 a_{11} a_{13} a_{15}}{343489642496} + \frac{33903 a_9 a_{11} a_{13} a_{15}}{221524459520} + \frac{1059127 a_2 a_{12} a_{13} a_{15}}{19516456960} + \frac{9 \pi^2 a_2 a_{12} a_{13} a_{15}}{7081984} + \\
 & \frac{72782903 a_4 a_{12} a_{13} a_{15}}{10782091837440} + \frac{274382384057 a_6 a_{12} a_{13} a_{15}}{21025079083008000} + \frac{\pi^2 a_6 a_{12} a_{13} a_{15}}{3440640} + \\
 & \frac{10361427 a_7 a_{12} a_{13} a_{15}}{6526303207424} + \frac{1745359172143 a_{10} a_{12} a_{13} a_{15}}{555062087791411200} + \frac{3 \pi^2 a_{10} a_{12} a_{13} a_{15}}{44843008} + \\
 & \frac{162523243 a_{11} a_{12} a_{13} a_{15}}{433458213027840} + \frac{9043747 a_2 a_{13}^2 a_{15}}{2781095116800} + \frac{17 a_4 a_{13}^2 a_{15}}{48168960} + \frac{108932459 a_6 a_{13}^2 a_{15}}{142762882662400} + \\
 & \frac{4509 a_7 a_{13}^2 a_{15}}{55246585856} + \frac{178367729 a_{10} a_{13}^2 a_{15}}{99195244904480} + \frac{6021 a_{11} a_{13}^2 a_{15}}{317272883200} + \frac{1421 a_2^2 a_{14} a_{15}}{316800} + \\
 & \frac{88069 \pi^2 a_2^2 a_{14} a_{15}}{215255040} + \frac{100868029 a_3^2 a_{14} a_{15}}{193729536000} + \frac{4691 \pi^2 a_3^2 a_{14} a_{15}}{61501440} + \frac{4193641 a_2 a_4 a_{14} a_{15}}{3027024000} + \\
 & \frac{\pi^2 a_2 a_4 a_{14} a_{15}}{30720} + \frac{1423 a_4^2 a_{14} a_{15}}{15375360} + \frac{8108839 a_3 a_5 a_{14} a_{15}}{52835328000} + \frac{7 \pi^2 a_3 a_5 a_{14} a_{15}}{1566720} + \frac{10277 a_5^2 a_{14} a_{15}}{1197600768} + \\
 & \frac{8968709 a_2 a_6 a_{14} a_{15}}{4036032000} + \frac{1423 \pi^2 a_2 a_6 a_{14} a_{15}}{7687680} + \frac{264263 a_4 a_6 a_{14} a_{15}}{807206400} + \frac{\pi^2 a_4 a_6 a_{14} a_{15}}{139264} + \\
 & \frac{39838781 a_6^2 a_{14} a_{15}}{145297152000} + \frac{1593269 \pi^2 a_6^2 a_{14} a_{15}}{75277762560} + \frac{264263 a_2 a_7 a_{14} a_{15}}{807206400} + \frac{\pi^2 a_2 a_7 a_{14} a_{15}}{139264} + \\
 & \frac{1593269 a_4 a_7 a_{14} a_{15}}{37638881280} + \frac{4651811 a_6 a_7 a_{14} a_{15}}{59880038400} + \frac{\pi^2 a_6 a_7 a_{14} a_{15}}{622592} + \frac{7759469 a_7^2 a_{14} a_{15}}{1589197209600} + \\
 & \frac{399757 a_3 a_8 a_{14} a_{15}}{1317888000} + \frac{5297 \pi^2 a_3 a_8 a_{14} a_{15}}{147026880} + \frac{4120423 a_5 a_8 a_{14} a_{15}}{101335449600} + \frac{\pi^2 a_5 a_8 a_{14} a_{15}}{992256} + \\
 & \frac{1891658863 a_8^2 a_{14} a_{15}}{43912028160000} + \frac{6808519 \pi^2 a_8^2 a_{14} a_{15}}{1589197209600} + \frac{1459537649 a_3 a_9 a_{14} a_{15}}{32934021120000} + \\
 & \frac{7 \pi^2 a_3 a_9 a_{14} a_{15}}{5836800} + \frac{21097249 a_5 a_9 a_{14} a_{15}}{4417033420800} + \frac{30839421971 a_8 a_9 a_{14} a_{15}}{2628134885376000} + \frac{\pi^2 a_8 a_9 a_{14} a_{15}}{3655680} + \\
 & \frac{1842657923 a_3^2 a_{14} a_{15}}{2753284165632000} + \frac{39838781 a_2 a_{10} a_{14} a_{15}}{72648576000} + \frac{1593269 \pi^2 a_2 a_{10} a_{14} a_{15}}{37638881280} + \\
 & \frac{4651811 a_4 a_{10} a_{14} a_{15}}{59880038400} + \frac{\pi^2 a_4 a_{10} a_{14} a_{15}}{622592} + \frac{329431857 a_6 a_{10} a_{14} a_{15}}{2439557120000} + \\
 & \frac{7759469 \pi^2 a_6 a_{10} a_{14} a_{15}}{794598604800} + \frac{778001383 a_7 a_{10} a_{14} a_{15}}{42050158166016} + \frac{\pi^2 a_7 a_{10} a_{14} a_{15}}{2752512} + \\
 & \frac{58192725971 a_{10}^2 a_{14} a_{15}}{3504179847168000} + \frac{31730711 \pi^2 a_{10}^2 a_{14} a_{15}}{27969870888960} + \frac{4651811 a_2 a_{11} a_{14} a_{15}}{59880038400} + \\
 & \frac{\pi^2 a_2 a_{11} a_{14} a_{15}}{622592} + \frac{7759469 a_4 a_{11} a_{14} a_{15}}{794598604800} + \frac{778001383 a_6 a_{11} a_{14} a_{15}}{42050158166016} + \frac{\pi^2 a_6 a_{11} a_{14} a_{15}}{2752512} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{31\,730\,711\,a_7\,a_{11}\,a_{14}\,a_{15}}{13\,984\,935\,444\,480} + \frac{973\,676\,323\,a_{10}\,a_{11}\,a_{14}\,a_{15}}{220\,262\,733\,250\,560} + \frac{\pi^2\,a_{10}\,a_{11}\,a_{14}\,a_{15}}{12\,058\,624} + \\
 & \frac{46\,522\,243\,a_{11}^2\,a_{14}\,a_{15}}{175\,447\,371\,939\,840} + \frac{95\,563\,405\,781\,a_3\,a_{12}\,a_{14}\,a_{15}}{1\,185\,624\,760\,320\,000} + \frac{60\,373\,769\,\pi^2\,a_3\,a_{12}\,a_{14}\,a_{15}}{7\,151\,387\,443\,200} + \\
 & \frac{42\,725\,547\,343\,a_5\,a_{12}\,a_{14}\,a_{15}}{4\,205\,015\,816\,601\,600} + \frac{\pi^2\,a_5\,a_{12}\,a_{14}\,a_{15}}{4\,358\,144} + \frac{95\,032\,046\,503\,a_8\,a_{12}\,a_{14}\,a_{15}}{4\,205\,015\,816\,601\,600} + \\
 & \frac{21\,191\,179\,\pi^2\,a_8\,a_{12}\,a_{14}\,a_{15}}{10\,488\,701\,583\,360} + \frac{116\,432\,754\,839\,a_9\,a_{12}\,a_{14}\,a_{15}}{39\,647\,291\,985\,100\,800} + \frac{9\,\pi^2\,a_9\,a_{12}\,a_{14}\,a_{15}}{143\,196\,160} + \\
 & \frac{6\,539\,833\,741\,387\,a_{12}^2\,a_{14}\,a_{15}}{2\,220\,248\,351\,165\,644\,800} + \frac{84\,042\,493\,\pi^2\,a_{12}^2\,a_{14}\,a_{15}}{350\,894\,743\,879\,680} + \frac{21\,865\,995\,481\,a_3\,a_{13}\,a_{14}\,a_{15}}{1\,911\,370\,825\,728\,000} + \\
 & \frac{\pi^2\,a_3\,a_{13}\,a_{14}\,a_{15}}{3\,440\,640} + \frac{17\,945\,817\,a_5\,a_{13}\,a_{14}\,a_{15}}{15\,027\,671\,859\,200} + \frac{93\,379\,965\,293\,a_8\,a_{13}\,a_{14}\,a_{15}}{30\,836\,782\,655\,078\,400} + \frac{3\,\pi^2\,a_8\,a_{13}\,a_{14}\,a_{15}}{44\,843\,008} + \\
 & \frac{5\,711\,382\,161\,a_9\,a_{13}\,a_{14}\,a_{15}}{16\,967\,607\,681\,024\,000} + \frac{1\,435\,403\,271\,193\,a_{12}\,a_{13}\,a_{14}\,a_{15}}{1\,891\,322\,669\,511\,475\,200} + \frac{27\,\pi^2\,a_{12}\,a_{13}\,a_{14}\,a_{15}}{1\,743\,257\,600} + \\
 & \frac{18\,485\,789\,209\,a_{13}^2\,a_{14}\,a_{15}}{434\,622\,128\,599\,859\,200} + \frac{329\,431\,857\,a_2\,a_{14}^2\,a_{15}}{4\,879\,114\,240\,000} + \frac{7\,759\,469\,\pi^2\,a_2\,a_{14}^2\,a_{15}}{1\,589\,197\,209\,600} + \\
 & \frac{778\,001\,383\,a_4\,a_{14}^2\,a_{15}}{84\,100\,316\,332\,032} + \frac{\pi^2\,a_4\,a_{14}^2\,a_{15}}{5\,505\,024} + \frac{58\,192\,725\,971\,a_6\,a_{14}^2\,a_{15}}{3\,504\,179\,847\,168\,000} + \frac{31\,730\,711\,\pi^2\,a_6\,a_{14}^2\,a_{15}}{27\,969\,870\,888\,960} + \\
 & \frac{973\,676\,323\,a_7\,a_{14}^2\,a_{15}}{440\,525\,466\,501\,120} + \frac{\pi^2\,a_7\,a_{14}^2\,a_{15}}{24\,117\,248} + \frac{3\,776\,249\,956\,033\,a_{10}\,a_{14}^2\,a_{15}}{925\,103\,479\,652\,352\,000} + \frac{46\,522\,243\,\pi^2\,a_{10}\,a_{14}^2\,a_{15}}{175\,447\,371\,939\,840} + \\
 & \frac{536\,568\,051\,133\,a_{11}\,a_{14}^2\,a_{15}}{1\,013\,208\,572\,952\,576\,000} + \frac{\pi^2\,a_{11}\,a_{14}^2\,a_{15}}{104\,857\,600} + \frac{14\,228\,879\,003\,947\,a_{14}^3\,a_{15}}{42\,554\,760\,064\,008\,192\,000} + \\
 & \frac{3\,788\,707\,301\,\pi^2\,a_{14}^3\,a_{15}}{182\,465\,266\,817\,433\,600} + \frac{4\,193\,641\,a_2^2\,a_{15}^2}{12\,108\,096\,000} + \frac{\pi^2\,a_2^2\,a_{15}^2}{122\,880} + \frac{2\,152\,883\,a_3^2\,a_{15}^2}{51\,661\,209\,600} + \frac{\pi^2\,a_3^2\,a_{15}^2}{557\,056} + \\
 & \frac{1423\,a_2\,a_4\,a_{15}^2}{15\,375\,360} + \frac{3\,a_4^2\,a_{15}^2}{557\,056} + \frac{760\,433\,a_3\,a_5\,a_{15}^2}{75\,277\,762\,560} + \frac{227\,a_5^2\,a_{15}^2}{476\,282\,880} + \frac{264\,263\,a_2\,a_6\,a_{15}^2}{1\,614\,412\,800} + \\
 & \frac{\pi^2\,a_2\,a_6\,a_{15}^2}{278\,528} + \frac{1\,593\,269\,a_4\,a_6\,a_{15}^2}{75\,277\,762\,560} + \frac{4\,651\,811\,a_6^2\,a_{15}^2}{239\,520\,153\,600} + \frac{\pi^2\,a_6^2\,a_{15}^2}{2\,490\,368} + \frac{1\,593\,269\,a_2\,a_7\,a_{15}^2}{75\,277\,762\,560} + \\
 & \frac{3\,a_4\,a_7\,a_{15}^2}{1\,245\,184} + \frac{7\,759\,469\,a_6\,a_7\,a_{15}^2}{1\,589\,197\,209\,600} + \frac{a_7^2\,a_{15}^2}{3\,670\,016} + \frac{39\,665\,033\,a_3\,a_8\,a_{15}^2}{1\,756\,481\,126\,400} + \frac{\pi^2\,a_3\,a_8\,a_{15}^2}{1\,245\,184} + \\
 & \frac{219\,722\,891\,a_5\,a_8\,a_{15}^2}{85\,816\,649\,318\,400} + \frac{5\,553\,941\,a_8^2\,a_{15}^2}{1\,832\,250\,900\,480} + \frac{\pi^2\,a_8^2\,a_{15}^2}{11\,010\,048} + \frac{59\,887\,a_3\,a_9\,a_{15}^2}{21\,189\,296\,128} + \frac{1447\,a_5\,a_9\,a_{15}^2}{5\,556\,633\,600} + \\
 & \frac{200\,399\,a_8\,a_9\,a_{15}^2}{278\,337\,945\,600} + \frac{257\,a_9^2\,a_{15}^2}{7\,159\,808\,000} + \frac{4\,651\,811\,a_2\,a_{10}\,a_{15}^2}{119\,760\,076\,800} + \frac{\pi^2\,a_2\,a_{10}\,a_{15}^2}{1\,245\,184} + \frac{7\,759\,469\,a_4\,a_{10}\,a_{15}^2}{1\,589\,197\,209\,600} + \\
 & \frac{778\,001\,383\,a_6\,a_{10}\,a_{15}^2}{84\,100\,316\,332\,032} + \frac{\pi^2\,a_6\,a_{10}\,a_{15}^2}{5\,505\,024} + \frac{31\,730\,711\,a_7\,a_{10}\,a_{15}^2}{27\,969\,870\,888\,960} + \frac{973\,676\,323\,a_{10}^2\,a_{15}^2}{881\,050\,933\,002\,240} + \\
 & \frac{\pi^2\,a_{10}^2\,a_{15}^2}{48\,234\,496} + \frac{7\,759\,469\,a_2\,a_{11}\,a_{15}^2}{1\,589\,197\,209\,600} + \frac{a_4\,a_{11}\,a_{15}^2}{1\,835\,008} + \frac{31\,730\,711\,a_6\,a_{11}\,a_{15}^2}{27\,969\,870\,888\,960} + \frac{3\,a_7\,a_{11}\,a_{15}^2}{24\,117\,248} + \\
 & \frac{46\,522\,243\,a_{10}\,a_{11}\,a_{15}^2}{175\,447\,371\,939\,840} + \frac{3\,a_{11}^2\,a_{15}^2}{209\,715\,200} + \frac{48\,116\,003\,323\,a_3\,a_{12}\,a_{15}^2}{8\,410\,031\,633\,203\,200} + \frac{\pi^2\,a_3\,a_{12}\,a_{15}^2}{5\,505\,024} + \\
 & \frac{8\,221\,331\,a_5\,a_{12}\,a_{15}^2}{242\,690\,714\,089\,a_8\,a_{12}\,a_{15}^2} + \frac{242\,690\,714\,089\,a_8\,a_{12}\,a_{15}^2}{158\,589\,167\,940\,403\,200} + \frac{\pi^2\,a_8\,a_{12}\,a_{15}^2}{24\,117\,248} + \frac{307\,730\,597\,a_9\,a_{12}\,a_{15}^2}{1\,754\,473\,719\,398\,400} + \\
 & \frac{13\,248\,886\,210\,560}{19\,763\,671\,327\,a_{12}^2\,a_{15}^2} + \frac{\pi^2\,a_{12}^2\,a_{15}^2}{209\,715\,200} + \frac{46\,329\,663\,a_3\,a_{13}\,a_{15}^2}{65\,263\,032\,074\,240} + \frac{689\,a_5\,a_{13}\,a_{15}^2}{10\,762\,321\,920} + \\
 & \frac{102\,387\,392\,635\,207\,680}{157\,422\,763\,a_8\,a_{13}\,a_{15}^2} + \frac{31\,a_9\,a_{13}\,a_{15}^2}{2\,986\,757\,729\,a_{12}\,a_{13}\,a_{15}^2} + \frac{2\,986\,757\,729\,a_{12}\,a_{13}\,a_{15}^2}{41\,a_{13}^2\,a_{15}^2} + \\
 & \frac{866\,916\,426\,055\,680}{1\,743\,257\,600} + \frac{67\,224\,045\,669\,580\,800}{18\,496\,880\,640}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{778\,001\,383\,a_2\,a_{14}\,a_{15}^2}{84\,100\,316\,332\,032} + \frac{\pi^2\,a_2\,a_{14}\,a_{15}^2}{5\,505\,024} + \frac{31\,730\,711\,a_4\,a_{14}\,a_{15}^2}{27\,969\,870\,888\,960} + \frac{973\,676\,323\,a_6\,a_{14}\,a_{15}^2}{440\,525\,466\,501\,120} + \\
 & \frac{\pi^2\,a_6\,a_{14}\,a_{15}^2}{24\,117\,248} + \frac{46\,522\,243\,a_7\,a_{14}\,a_{15}^2}{175\,447\,371\,939\,840} + \frac{536\,568\,051\,133\,a_{10}\,a_{14}\,a_{15}^2}{1\,013\,208\,572\,952\,576\,000} + \frac{\pi^2\,a_{10}\,a_{14}\,a_{15}^2}{104\,857\,600} + \\
 & \frac{3\,788\,707\,301\,a_{11}\,a_{14}\,a_{15}^2}{60\,821\,755\,605\,811\,200} + \frac{72\,379\,420\,806\,883\,a_{14}^2\,a_{15}^2}{1\,138\,035\,869\,140\,333\,363\,200} + \frac{\pi^2\,a_{14}^2\,a_{15}^2}{905\,969\,664} + \frac{31\,730\,711\,a_2\,a_{15}^3}{83\,909\,612\,666\,880} + \\
 & \frac{a_4\,a_{15}^3}{46\,522\,243\,a_6\,a_{15}^3} + \frac{a_7\,a_{15}^3}{3\,788\,707\,301\,a_{10}\,a_{15}^3} + \frac{a_{11}\,a_{15}^3}{24\,117\,248} + \frac{526\,342\,115\,819\,520}{2\,888\,008\,157\,a_{14}\,a_{15}^3} + \frac{a_{15}^4}{104\,857\,600} + \frac{43}{182\,465\,266\,817\,433\,600} a_2^2\,a_3\,a_{16} + \frac{163\,\pi^2\,a_2^2\,a_3\,a_{16}}{452\,984\,832} + \\
 & \frac{589\,503\,169\,717\,862\,400}{7\,784\,628\,224} + \frac{43}{240} a_2^2\,a_3\,a_{16} + \frac{163\,\pi^2\,a_2^2\,a_3\,a_{16}}{2160} + \frac{7\,\pi^4\,a_2^2\,a_3\,a_{16}}{2880} + \\
 & \frac{131\,a_3^3\,a_{16}}{20\,160} + \frac{11\,\pi^2\,a_3^3\,a_{16}}{2\,688} + \frac{7\,\pi^4\,a_3^3\,a_{16}}{42\,240} + \frac{1237\,a_2\,a_3\,a_4\,a_{16}}{15\,120} + \frac{647\,\pi^2\,a_2\,a_3\,a_4\,a_{16}}{50\,400} + \\
 & \frac{303\,a_3\,a_4^2\,a_{16}}{44\,800} + \frac{\pi^2\,a_3\,a_4^2\,a_{16}}{2\,816} + \frac{71\,a_2^2\,a_5\,a_{16}}{2\,016} + \frac{49\,\pi^2\,a_2^2\,a_5\,a_{16}}{9\,600} + \frac{6823\,a_3^2\,a_5\,a_{16}}{1\,451\,520} + \\
 & \frac{1513\,\pi^2\,a_3^2\,a_5\,a_{16}}{1\,774\,080} + \frac{2923\,a_2\,a_4\,a_5\,a_{16}}{226\,800} + \frac{\pi^2\,a_2\,a_4\,a_5\,a_{16}}{2\,376} + \frac{1163\,a_4^2\,a_5\,a_{16}}{1\,267\,200} + \frac{90\,809\,a_3\,a_5^2\,a_{16}}{119\,750\,400} + \\
 & \frac{83\,\pi^2\,a_3\,a_5^2\,a_{16}}{2\,965\,248} + \frac{37\,133\,a_5^3\,a_{16}}{1\,210\,809\,600} + \frac{29}{280} a_2\,a_3\,a_6\,a_{16} + \frac{7363\,\pi^2\,a_2\,a_3\,a_6\,a_{16}}{201\,600} + \frac{7\,\pi^4\,a_2\,a_3\,a_6\,a_{16}}{7\,040} + \\
 & \frac{12\,163\,a_3\,a_4\,a_6\,a_{16}}{604\,800} + \frac{13\,243\,\pi^2\,a_3\,a_4\,a_6\,a_{16}}{4\,435\,200} + \frac{3979\,a_2\,a_5\,a_6\,a_{16}}{201\,600} + \frac{5659\,\pi^2\,a_2\,a_5\,a_6\,a_{16}}{2\,661\,120} + \\
 & \frac{2279\,a_4\,a_5\,a_6\,a_{16}}{739\,200} + \frac{5\,\pi^2\,a_4\,a_5\,a_6\,a_{16}}{54\,912} + \frac{1363\,a_3\,a_6^2\,a_{16}}{96\,768} + \frac{5611\,\pi^2\,a_3\,a_6^2\,a_{16}}{1\,267\,200} + \frac{7\,\pi^4\,a_3\,a_6^2\,a_{16}}{66\,560} + \\
 & \frac{398\,449\,a_5\,a_6^2\,a_{16}}{159\,667\,200} + \frac{211\,957\,\pi^2\,a_5\,a_6^2\,a_{16}}{880\,588\,800} + \frac{12\,163\,a_2\,a_3\,a_7\,a_{16}}{604\,800} + \frac{13\,243\,\pi^2\,a_2\,a_3\,a_7\,a_{16}}{4\,435\,200} + \\
 & \frac{14\,603\,a_3\,a_4\,a_7\,a_{16}}{4\,435\,200} + \frac{\pi^2\,a_3\,a_4\,a_7\,a_{16}}{6\,656} + \frac{2279\,a_2\,a_5\,a_7\,a_{16}}{739\,200} + \frac{5\,\pi^2\,a_2\,a_5\,a_7\,a_{16}}{54\,912} + \\
 & \frac{184\,501\,a_4\,a_5\,a_7\,a_{16}}{440\,294\,400} + \frac{5683\,a_3\,a_6\,a_7\,a_{16}}{1\,108\,800} + \frac{6141\,\pi^2\,a_3\,a_6\,a_7\,a_{16}}{8\,968\,960} + \frac{13\,367\,a_5\,a_6\,a_7\,a_{16}}{18\,018\,000} + \\
 & \frac{\pi^2\,a_5\,a_6\,a_7\,a_{16}}{49\,920} + \frac{39\,071\,671\,a_3\,a_7^2\,a_{16}}{96\,864\,768\,000} + \frac{\pi^2\,a_3\,a_7^2\,a_{16}}{61\,440} + \frac{9679\,a_5\,a_7^2\,a_{16}}{198\,696\,960} + \frac{73\,a_2^2\,a_8\,a_{16}}{1260} + \\
 & \frac{71\,\pi^2\,a_2^2\,a_8\,a_{16}}{3600} + \frac{7\,\pi^4\,a_2^2\,a_8\,a_{16}}{14\,080} + \frac{6427\,a_3^2\,a_8\,a_{16}}{907\,200} + \frac{1269\,\pi^2\,a_3^2\,a_8\,a_{16}}{394\,240} + \frac{7\,\pi^4\,a_3^2\,a_8\,a_{16}}{66\,560} + \\
 & \frac{42\,971\,a_2\,a_4\,a_8\,a_{16}}{1\,814\,400} + \frac{10\,151\,\pi^2\,a_2\,a_4\,a_8\,a_{16}}{3\,326\,400} + \frac{16\,787\,a_4^2\,a_8\,a_{16}}{8\,870\,400} + \frac{\pi^2\,a_4^2\,a_8\,a_{16}}{13\,312} + \\
 & \frac{23\,957\,a_3\,a_5\,a_8\,a_{16}}{8\,553\,600} + \frac{5\,823\,481\,\pi^2\,a_3\,a_5\,a_8\,a_{16}}{14\,529\,715\,200} + \frac{232\,289\,a_5^2\,a_8\,a_{16}}{1\,153\,152\,000} + \frac{41\,\pi^2\,a_5^2\,a_8\,a_{16}}{6\,589\,440} + \\
 & \frac{239\,a_2\,a_6\,a_8\,a_{16}}{7200} + \frac{123\,899\,\pi^2\,a_2\,a_6\,a_8\,a_{16}}{13\,305\,600} + \frac{7\,\pi^4\,a_2\,a_6\,a_8\,a_{16}}{33\,280} + \frac{13\,063\,a_4\,a_6\,a_8\,a_{16}}{2\,217\,600} + \\
 & \frac{75\,407\,\pi^2\,a_4\,a_6\,a_8\,a_{16}}{107\,627\,520} + \frac{706\,493\,a_6^2\,a_8\,a_{16}}{159\,667\,200} + \frac{27\,063\,493\,\pi^2\,a_6^2\,a_8\,a_{16}}{24\,216\,192\,000} + \frac{7\,\pi^4\,a_6^2\,a_8\,a_{16}}{307\,200} + \\
 & \frac{13\,063\,a_2\,a_7\,a_8\,a_{16}}{2\,217\,600} + \frac{75\,407\,\pi^2\,a_2\,a_7\,a_8\,a_{16}}{107\,627\,520} + \frac{24\,829\,a_4\,a_7\,a_8\,a_{16}}{27\,456\,000} + \frac{\pi^2\,a_4\,a_7\,a_8\,a_{16}}{30\,720} + \\
 & \frac{53\,819\,041\,a_6\,a_7\,a_8\,a_{16}}{36\,324\,288\,000} + \frac{44\,617\,\pi^2\,a_6\,a_7\,a_8\,a_{16}}{276\,756\,480} + \frac{2\,356\,499\,a_7^2\,a_8\,a_{16}}{21\,525\,504\,000} + \frac{\pi^2\,a_7^2\,a_8\,a_{16}}{278\,528} + \\
 & \frac{563\,659\,a_3\,a_8^2\,a_{16}}{239\,500\,800} + \frac{21\,928\,391\,\pi^2\,a_3\,a_8^2\,a_{16}}{26\,417\,664\,000} + \frac{7\,\pi^4\,a_3\,a_8^2\,a_{16}}{307\,200} + \frac{5\,314\,657\,a_5\,a_8^2\,a_{16}}{13\,208\,832\,000} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{33\,547\pi^2 a_5 a_8^2 a_{16}}{704\,471\,040} + \frac{1\,983\,101 a_8^3 a_{16}}{8\,072\,064\,000} + \frac{1\,523\,813\pi^2 a_8^3 a_{16}}{21\,525\,504\,000} + \frac{7\pi^4 a_8^3 a_{16}}{4\,177\,920} + \frac{13\,639 a_2^2 a_9 a_{16}}{1\,209\,600} + \\
 & \frac{851\pi^2 a_2^2 a_9 a_{16}}{633\,600} + \frac{76\,831 a_3^2 a_9 a_{16}}{53\,222\,400} + \frac{633\,401\pi^2 a_3^2 a_9 a_{16}}{2\,690\,688\,000} + \frac{3587 a_2 a_4 a_9 a_{16}}{950\,400} + \frac{\pi^2 a_2 a_4 a_9 a_{16}}{9360} + \\
 & \frac{693\,241 a_4^2 a_9 a_{16}}{2\,690\,688\,000} + \frac{632\,117 a_3 a_5 a_9 a_{16}}{1\,452\,971\,520} + \frac{73\pi^2 a_3 a_5 a_9 a_{16}}{4\,942\,080} + \frac{911\,633 a_5^2 a_9 a_{16}}{36\,324\,288\,000} + \\
 & \frac{13\,283 a_2 a_6 a_9 a_{16}}{2\,217\,600} + \frac{2\,331\,403\pi^2 a_2 a_6 a_9 a_{16}}{4\,036\,032\,000} + \frac{1\,548\,601 a_4 a_6 a_9 a_{16}}{1\,729\,728\,000} + \frac{\pi^2 a_4 a_6 a_9 a_{16}}{42\,240} + \\
 & \frac{217\,960\,573 a_6^2 a_9 a_{16}}{290\,594\,304\,000} + \frac{83\,009\pi^2 a_6^2 a_9 a_{16}}{1\,257\,984\,000} + \frac{1\,548\,601 a_2 a_7 a_9 a_{16}}{1\,729\,728\,000} + \frac{\pi^2 a_2 a_7 a_9 a_{16}}{42\,240} + \\
 & \frac{3517 a_4 a_7 a_9 a_{16}}{29\,952\,000} + \frac{54\,987 a_6 a_7 a_9 a_{16}}{256\,256\,000} + \frac{3\pi^2 a_6 a_7 a_9 a_{16}}{565\,760} + \frac{1\,384\,181 a_7^2 a_9 a_{16}}{101\,335\,449\,600} + \\
 & \frac{41\,161\,187 a_3 a_8 a_9 a_{16}}{48\,432\,384\,000} + \frac{85\,511\pi^2 a_3 a_8 a_9 a_{16}}{768\,768\,000} + \frac{2\,993 a_5 a_8 a_9 a_{16}}{25\,872\,000} + \frac{373\pi^2 a_5 a_8 a_9 a_{16}}{112\,020\,480} + \\
 & \frac{1\,304\,161 a_8^2 a_9 a_{16}}{10\,762\,752\,000} + \frac{1\,345\,829\pi^2 a_8^2 a_9 a_{16}}{101\,335\,449\,600} + \frac{43\,409 a_3 a_8^2 a_{16}}{691\,891\,200} + \frac{101\pi^2 a_3 a_8^2 a_{16}}{50\,918\,400} + \\
 & \frac{14\,296\,187 a_5 a_8^2 a_{16}}{2\,058\,376\,320\,000} + \frac{188\,849 a_8 a_8^2 a_{16}}{11\,309\,760\,000} + \frac{29\pi^2 a_8 a_8^2 a_{16}}{64\,204\,800} + \frac{344\,657 a_9^3 a_{16}}{532\,097\,280\,000} + \\
 & \frac{1363 a_2 a_3 a_{10} a_{16}}{48\,384} + \frac{5611\pi^2 a_2 a_3 a_{10} a_{16}}{633\,600} + \frac{7\pi^4 a_2 a_3 a_{10} a_{16}}{33\,280} + \frac{5683 a_3 a_4 a_{10} a_{16}}{1\,108\,800} + \\
 & \frac{6141\pi^2 a_3 a_4 a_{10} a_{16}}{8\,968\,960} + \frac{398\,449 a_2 a_5 a_{10} a_{16}}{79\,833\,600} + \frac{211\,957\pi^2 a_2 a_5 a_{10} a_{16}}{440\,294\,400} + \frac{13\,367 a_4 a_5 a_{10} a_{16}}{18\,018\,000} + \\
 & \frac{\pi^2 a_4 a_5 a_{10} a_{16}}{49\,920} + \frac{18\,911 a_3 a_6 a_{10} a_{16}}{2\,494\,800} + \frac{103\,338\,527\pi^2 a_3 a_6 a_{10} a_{16}}{48\,432\,384\,000} + \frac{7\pi^4 a_3 a_6 a_{10} a_{16}}{153\,600} + \\
 & \frac{45\,320\,551 a_5 a_6 a_{10} a_{16}}{36\,324\,288\,000} + \frac{32\,909\pi^2 a_5 a_6 a_{10} a_{16}}{298\,045\,440} + \frac{9\,472\,241 a_3 a_7 a_{10} a_{16}}{7\,264\,857\,600} + \\
 & \frac{17\,431\pi^2 a_3 a_7 a_{10} a_{16}}{110\,702\,592} + \frac{21\,173 a_5 a_7 a_{10} a_{16}}{118\,609\,920} + \frac{7\pi^2 a_5 a_7 a_{10} a_{16}}{1\,566\,720} + \frac{706\,493 a_2 a_8 a_{10} a_{16}}{79\,833\,600} + \\
 & \frac{27\,063\,493\pi^2 a_2 a_8 a_{10} a_{16}}{12\,108\,096\,000} + \frac{7\pi^4 a_2 a_8 a_{10} a_{16}}{153\,600} + \frac{53\,819\,041 a_4 a_8 a_{10} a_{16}}{36\,324\,288\,000} + \frac{44\,617\pi^2 a_4 a_8 a_{10} a_{16}}{276\,756\,480} + \\
 & \frac{4\,694\,779 a_6 a_8 a_{10} a_{16}}{2\,018\,016\,000} + \frac{5\,775\,139\pi^2 a_6 a_8 a_{10} a_{16}}{10\,762\,752\,000} + \frac{7\pi^4 a_6 a_8 a_{10} a_{16}}{696\,320} + \frac{500\,377 a_7 a_8 a_{10} a_{16}}{1\,345\,344\,000} + \\
 & \frac{1\,403\,651\pi^2 a_7 a_8 a_{10} a_{16}}{37\,638\,881\,280} + \frac{217\,960\,573 a_2 a_9 a_{10} a_{16}}{145\,297\,152\,000} + \frac{83\,009\pi^2 a_2 a_9 a_{10} a_{16}}{628\,992\,000} + \\
 & \frac{54\,987 a_4 a_9 a_{10} a_{16}}{256\,256\,000} + \frac{3\pi^2 a_4 a_9 a_{10} a_{16}}{565\,760} + \frac{2\,462\,833 a_6 a_9 a_{10} a_{16}}{6\,604\,416\,000} + \frac{1\,545\,749\pi^2 a_6 a_9 a_{10} a_{16}}{50\,667\,724\,800} + \\
 & \frac{13\,480\,409 a_7 a_9 a_{10} a_{16}}{261\,381\,120\,000} + \frac{7\pi^2 a_7 a_9 a_{10} a_{16}}{5\,836\,800} + \frac{146\,222\,183 a_3 a_{10}^2 a_{16}}{145\,297\,152\,000} + \frac{6\,211\,897\pi^2 a_3 a_{10}^2 a_{16}}{24\,216\,192\,000} + \\
 & \frac{7\pi^4 a_3 a_{10}^2 a_{16}}{1\,392\,640} + \frac{135\,250\,979 a_5 a_{10}^2 a_{16}}{871\,782\,912\,000} + \frac{2\,882\,471\pi^2 a_5 a_{10}^2 a_{16}}{225\,833\,287\,680} + \frac{527\,837\,263 a_8 a_{10}^2 a_{16}}{1\,743\,565\,824\,000} + \\
 & \frac{127\,339\,657\pi^2 a_8 a_{10}^2 a_{16}}{1\,976\,041\,267\,200} + \frac{7\pi^4 a_8 a_{10}^2 a_{16}}{6\,225\,920} + \frac{2\,608\,479\,667 a_9 a_{10}^2 a_{16}}{56\,458\,321\,920\,000} + \frac{10\,157\,453\pi^2 a_9 a_{10}^2 a_{16}}{2\,860\,554\,977\,280} + \\
 & \frac{5683 a_2 a_3 a_{11} a_{16}}{1\,108\,800} + \frac{6141\pi^2 a_2 a_3 a_{11} a_{16}}{8\,968\,960} + \frac{39\,071\,671 a_3 a_4 a_{11} a_{16}}{48\,432\,384\,000} + \frac{\pi^2 a_3 a_4 a_{11} a_{16}}{30\,720} + \\
 & \frac{13\,367 a_2 a_5 a_{11} a_{16}}{18\,018\,000} + \frac{\pi^2 a_2 a_5 a_{11} a_{16}}{49\,920} + \frac{9\,679 a_4 a_5 a_{11} a_{16}}{99\,348\,480} + \frac{9\,472\,241 a_3 a_6 a_{11} a_{16}}{7\,264\,857\,600} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{17\,431\,\pi^2\,a_3\,a_6\,a_{11}\,a_{16}}{110\,702\,592} + \frac{21\,173\,a_5\,a_6\,a_{11}\,a_{16}}{118\,609\,920} + \frac{7\,\pi^2\,a_5\,a_6\,a_{11}\,a_{16}}{1\,566\,720} + \frac{10\,819\,a_3\,a_7\,a_{11}\,a_{16}}{54\,912\,000} + \\
 & \frac{\pi^2\,a_3\,a_7\,a_{11}\,a_{16}}{139\,264} + \frac{122\,443\,a_5\,a_7\,a_{11}\,a_{16}}{5\,376\,983\,040} + \frac{53\,819\,041\,a_2\,a_8\,a_{11}\,a_{16}}{36\,324\,288\,000} + \frac{44\,617\,\pi^2\,a_2\,a_8\,a_{11}\,a_{16}}{276\,756\,480} + \\
 & \frac{2\,356\,499\,a_4\,a_8\,a_{11}\,a_{16}}{10\,762\,752\,000} + \frac{\pi^2\,a_4\,a_8\,a_{11}\,a_{16}}{139\,264} + \frac{500\,377\,a_6\,a_8\,a_{11}\,a_{16}}{1\,345\,344\,000} + \frac{1\,403\,651\,\pi^2\,a_6\,a_8\,a_{11}\,a_{16}}{37\,638\,881\,280} + \\
 & \frac{4\,995\,871\,a_7\,a_8\,a_{11}\,a_{16}}{94\,097\,203\,200} + \frac{\pi^2\,a_7\,a_8\,a_{11}\,a_{16}}{622\,592} + \frac{54\,987\,a_2\,a_9\,a_{11}\,a_{16}}{256\,256\,000} + \frac{3\,\pi^2\,a_2\,a_9\,a_{11}\,a_{16}}{565\,760} + \\
 & \frac{1\,384\,181\,a_4\,a_9\,a_{11}\,a_{16}}{50\,667\,724\,800} + \frac{13\,480\,409\,a_6\,a_9\,a_{11}\,a_{16}}{261\,381\,120\,000} + \frac{7\,\pi^2\,a_6\,a_9\,a_{11}\,a_{16}}{5\,836\,800} + \frac{2\,180\,221\,a_7\,a_9\,a_{11}\,a_{16}}{340\,542\,259\,200} + \\
 & \frac{95\,804\,531\,a_3\,a_{10}\,a_{11}\,a_{16}}{290\,594\,304\,000} + \frac{685\,309\,\pi^2\,a_3\,a_{10}\,a_{11}\,a_{16}}{18\,819\,440\,640} + \frac{259\,163\,a_5\,a_{10}\,a_{11}\,a_{16}}{6\,031\,872\,000} + \frac{\pi^2\,a_5\,a_{10}\,a_{11}\,a_{16}}{992\,256} + \\
 & \frac{2\,042\,843\,093\,a_8\,a_{10}\,a_{11}\,a_{16}}{21\,956\,014\,080\,000} + \frac{1\,723\,291\,\pi^2\,a_8\,a_{10}\,a_{11}\,a_{16}}{198\,649\,651\,200} + \frac{326\,317\,602\,361\,a_9\,a_{10}\,a_{11}\,a_{16}}{26\,281\,348\,853\,760\,000} + \\
 & \frac{\pi^2\,a_9\,a_{10}\,a_{11}\,a_{16}}{3\,655\,680} + \frac{18\,066\,079\,a_3\,a_{11}^2\,a_{16}}{752\,777\,625\,600} + \frac{\pi^2\,a_3\,a_{11}^2\,a_{16}}{1\,245\,184} + \frac{1\,926\,709\,a_5\,a_{11}^2\,a_{16}}{721\,148\,313\,600} + \\
 & \frac{27\,073\,198\,069\,a_8\,a_{11}^2\,a_{16}}{4\,205\,015\,816\,601\,600} + \frac{\pi^2\,a_8\,a_{11}^2\,a_{16}}{5\,505\,024} + \frac{27\,898\,883\,a_9\,a_{11}^2\,a_{16}}{37\,018\,946\,764\,800} + \frac{20\,623\,a_{12}^2\,a_{12}\,a_{16}}{1\,209\,600} + \\
 & \frac{9\,209\,\pi^2\,a_{12}^2\,a_{12}\,a_{16}}{1\,900\,800} + \frac{7\,\pi^4\,a_{12}^2\,a_{12}\,a_{16}}{66\,560} + \frac{11\,39\,a_{12}^3\,a_{12}\,a_{16}}{534\,600} + \frac{751\,637\,\pi^2\,a_{12}^3\,a_{12}\,a_{16}}{931\,392\,000} + \\
 & \frac{7\,\pi^4\,a_{12}^3\,a_{12}\,a_{16}}{307\,200} + \frac{759\,511\,a_2\,a_4\,a_{12}\,a_{16}}{119\,750\,400} + \frac{1\,023\,409\,\pi^2\,a_2\,a_4\,a_{12}\,a_{16}}{1\,452\,971\,520} + \frac{317\,981\,a_4^2\,a_{12}\,a_{16}}{658\,944\,000} + \\
 & \frac{\pi^2\,a_4^2\,a_{12}\,a_{16}}{61\,440} + \frac{1\,967\,802\,451\,a_3\,a_5\,a_{12}\,a_{16}}{2\,615\,348\,736\,000} + \frac{653\,333\,\pi^2\,a_3\,a_5\,a_{12}\,a_{16}}{6\,974\,263\,296} + \frac{32\,239\,a_5^2\,a_{12}\,a_{16}}{638\,668\,800} + \\
 & \frac{19\,\pi^2\,a_5^2\,a_{12}\,a_{16}}{13\,578\,240} + \frac{13\,963\,a_2\,a_6\,a_{12}\,a_{16}}{1\,478\,400} + \frac{331\,394\,269\,\pi^2\,a_2\,a_6\,a_{12}\,a_{16}}{145\,297\,152\,000} + \frac{7\,\pi^4\,a_2\,a_6\,a_{12}\,a_{16}}{153\,600} + \\
 & \frac{22\,816\,777\,a_4\,a_6\,a_{12}\,a_{16}}{14\,529\,715\,200} + \frac{17\,977\,\pi^2\,a_4\,a_6\,a_{12}\,a_{16}}{110\,702\,592} + \frac{2\,159\,140\,757\,a_6^2\,a_{12}\,a_{16}}{1\,743\,565\,824\,000} + \\
 & \frac{158\,821\,541\,\pi^2\,a_6^2\,a_{12}\,a_{16}}{581\,188\,608\,000} + \frac{7\,\pi^4\,a_6^2\,a_{12}\,a_{16}}{1\,392\,640} + \frac{22\,816\,777\,a_2\,a_7\,a_{12}\,a_{16}}{14\,529\,715\,200} + \frac{17\,977\,\pi^2\,a_2\,a_7\,a_{12}\,a_{16}}{110\,702\,592} + \\
 & \frac{1\,361\,753\,a_4\,a_7\,a_{12}\,a_{16}}{5\,930\,496\,000} + \frac{\pi^2\,a_4\,a_7\,a_{12}\,a_{16}}{139\,264} + \frac{88\,973\,a_6\,a_7\,a_{12}\,a_{16}}{227\,026\,800} + \frac{176\,929\,\pi^2\,a_6\,a_7\,a_{12}\,a_{16}}{4\,704\,860\,160} + \\
 & \frac{5\,839\,333\,a_7^2\,a_{12}\,a_{16}}{210\,777\,735\,168} + \frac{\pi^2\,a_7^2\,a_{12}\,a_{16}}{1\,245\,184} + \frac{3\,546\,761\,521\,a_3\,a_8\,a_{12}\,a_{16}}{2\,615\,348\,736\,000} + \frac{719\,934\,221\,\pi^2\,a_3\,a_8\,a_{12}\,a_{16}}{1\,743\,565\,824\,000} + \\
 & \frac{7\,\pi^4\,a_3\,a_8\,a_{12}\,a_{16}}{696\,320} + \frac{371\,044\,049\,a_5\,a_8\,a_{12}\,a_{16}}{1\,743\,565\,824\,000} + \frac{505\,951\,\pi^2\,a_5\,a_8\,a_{12}\,a_{16}}{22\,583\,328\,768} + \\
 & \frac{359\,795\,201\,a_8^2\,a_{12}\,a_{16}}{1\,743\,565\,824\,000} + \frac{166\,309\,679\,\pi^2\,a_8^2\,a_{12}\,a_{16}}{3\,161\,666\,027\,520} + \frac{7\,\pi^4\,a_8^2\,a_{12}\,a_{16}}{6\,225\,920} + \frac{395\,419\,867\,a_3\,a_9\,a_{12}\,a_{16}}{1\,743\,565\,824\,000} + \\
 & \frac{51\,673\,147\,\pi^2\,a_3\,a_9\,a_{12}\,a_{16}}{1\,976\,041\,267\,200} + \frac{4\,303\,425\,941\,a_5\,a_9\,a_{12}\,a_{16}}{148\,203\,095\,040\,000} + \frac{977\,\pi^2\,a_5\,a_9\,a_{12}\,a_{16}}{1\,289\,932\,800} + \\
 & \frac{1\,800\,961\,783\,a_8\,a_9\,a_{12}\,a_{16}}{28\,229\,160\,960\,000} + \frac{14\,974\,343\,\pi^2\,a_8\,a_9\,a_{12}\,a_{16}}{2\,383\,795\,814\,400} + \frac{55\,157\,494\,207\,a_9^2\,a_{12}\,a_{16}}{13\,140\,674\,426\,880\,000} + \\
 & \frac{197\,\pi^2\,a_9^2\,a_{12}\,a_{16}}{1\,900\,953\,600} + \frac{2\,159\,140\,757\,a_2\,a_{10}\,a_{12}\,a_{16}}{871\,782\,912\,000} + \frac{158\,821\,541\,\pi^2\,a_2\,a_{10}\,a_{12}\,a_{16}}{290\,594\,304\,000} + \\
 & \frac{7\,\pi^4\,a_2\,a_{10}\,a_{12}\,a_{16}}{696\,320} + \frac{88\,973\,a_4\,a_{10}\,a_{12}\,a_{16}}{227\,026\,800} + \frac{176\,929\,\pi^2\,a_4\,a_{10}\,a_{12}\,a_{16}}{4\,704\,860\,160} + \frac{186\,632\,857\,a_6\,a_{10}\,a_{12}\,a_{16}}{290\,594\,304\,000} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{23\,049\,511\,\pi^2 a_6 a_{10} a_{12} a_{16}}{175\,648\,112\,640} + \frac{7\,\pi^4 a_6 a_{10} a_{12} a_{16}}{3\,112\,960} + \frac{57\,937\,587\,403 a_7 a_{10} a_{12} a_{16}}{592\,812\,380\,160\,000} + \\
 & \frac{125\,199\,073\,\pi^2 a_7 a_{10} a_{12} a_{16}}{14\,302\,774\,886\,400} + \frac{29\,400\,465\,691 a_{10}^2 a_{12} a_{16}}{355\,687\,428\,096\,000} + \frac{153\,077\,279\,\pi^2 a_{10}^2 a_{12} a_{16}}{9\,703\,882\,653\,696} + \\
 & \frac{\pi^4 a_{10}^2 a_{12} a_{16}}{3\,932\,160} + \frac{88\,973 a_2 a_{11} a_{12} a_{16}}{227\,026\,800} + \frac{176\,929\,\pi^2 a_2 a_{11} a_{12} a_{16}}{4\,704\,860\,160} + \frac{5\,839\,333 a_4 a_{11} a_{12} a_{16}}{105\,388\,867\,584} + \\
 & \frac{\pi^2 a_4 a_{11} a_{12} a_{16}}{622\,592} + \frac{57\,937\,587\,403 a_6 a_{11} a_{12} a_{16}}{592\,812\,380\,160\,000} + \frac{125\,199\,073\,\pi^2 a_6 a_{11} a_{12} a_{16}}{14\,302\,774\,886\,400} + \\
 & \frac{14\,098\,445\,897 a_7 a_{11} a_{12} a_{16}}{1\,051\,253\,954\,150\,400} + \frac{\pi^2 a_7 a_{11} a_{12} a_{16}}{2\,752\,512} + \frac{2\,899\,288\,219 a_{10} a_{11} a_{12} a_{16}}{119\,189\,790\,720\,000} + \\
 & \frac{214\,773\,077\,\pi^2 a_{10} a_{11} a_{12} a_{16}}{104\,887\,015\,833\,600} + \frac{1\,472\,540\,521 a_{11}^2 a_{12} a_{16}}{906\,223\,816\,802\,304} + \frac{\pi^2 a_{11}^2 a_{12} a_{16}}{24\,117\,248} + \\
 & \frac{1\,198\,908\,791 a_3 a_{12}^2 a_{16}}{6\,276\,836\,966\,400} + \frac{3\,641\,258\,111\,\pi^2 a_3 a_{12}^2 a_{16}}{71\,137\,485\,619\,200} + \frac{7\,\pi^4 a_3 a_{12}^2 a_{16}}{6\,225\,920} + \frac{6\,017\,544\,079 a_5 a_{12}^2 a_{16}}{215\,568\,138\,240\,000} + \\
 & \frac{13\,376\,611\,\pi^2 a_5 a_{12}^2 a_{16}}{5\,048\,038\,195\,200} + \frac{1\,618\,315\,711 a_8 a_{12}^2 a_{16}}{28\,454\,994\,247\,680} + \frac{65\,654\,109\,517\,\pi^2 a_8 a_{12}^2 a_{16}}{5\,046\,018\,979\,921\,920} + \\
 & \frac{\pi^4 a_8 a_{12}^2 a_{16}}{3\,932\,160} + \frac{2\,255\,050\,459\,933 a_9 a_{12}^2 a_{16}}{270\,322\,445\,352\,960\,000} + \frac{469\,756\,579\,\pi^2 a_9 a_{12}^2 a_{16}}{629\,322\,095\,001\,600} + \frac{7\,513\,656\,977 a_{12}^3 a_{16}}{1\,455\,582\,398\,054\,400} + \\
 & \frac{4\,250\,932\,369\,\pi^2 a_{12}^3 a_{16}}{3\,964\,729\,198\,510\,080} + \frac{7\,\pi^4 a_{12}^3 a_{16}}{361\,758\,720} + \frac{3063 a_2^2 a_{13} a_{16}}{985\,600} + \frac{69\,193\,\pi^2 a_2^2 a_{13} a_{16}}{215\,255\,040} + \\
 & \frac{230\,958\,227 a_3^2 a_{13} a_{16}}{581\,188\,608\,000} + \frac{2\,255\,059\,\pi^2 a_3^2 a_{13} a_{16}}{38\,745\,907\,200} + \frac{3\,932\,483 a_2 a_4 a_{13} a_{16}}{4\,036\,032\,000} + \frac{\pi^2 a_2 a_4 a_{13} a_{16}}{40\,320} + \\
 & \frac{16\,897 a_4^2 a_{13} a_{16}}{263\,577\,600} + \frac{49\,499 a_3 a_5 a_{13} a_{16}}{440\,294\,400} + \frac{1277\,\pi^2 a_3 a_5 a_{13} a_{16}}{361\,912\,320} + \frac{2\,050\,907 a_5^2 a_{13} a_{16}}{329\,340\,211\,200} + \\
 & \frac{29\,211\,983 a_2 a_6 a_{13} a_{16}}{18\,162\,144\,000} + \frac{2\,735\,539\,\pi^2 a_2 a_6 a_{13} a_{16}}{19\,372\,953\,600} + \frac{932\,069 a_4 a_6 a_{13} a_{16}}{4\,036\,032\,000} + \\
 & \frac{15\,\pi^2 a_4 a_6 a_{13} a_{16}}{2\,680\,832} + \frac{46\,525\,679 a_6^2 a_{13} a_{16}}{232\,475\,443\,200} + \frac{3\,897\,911\,\pi^2 a_6^2 a_{13} a_{16}}{239\,520\,153\,600} + \frac{932\,069 a_2 a_7 a_{13} a_{16}}{4\,036\,032\,000} + \\
 & \frac{15\,\pi^2 a_2 a_7 a_{13} a_{16}}{2\,680\,832} + \frac{502\,289 a_4 a_7 a_{13} a_{16}}{17\,108\,582\,400} + \frac{36\,443\,807 a_6 a_7 a_{13} a_{16}}{658\,680\,422\,400} + \frac{9\,\pi^2 a_6 a_7 a_{13} a_{16}}{7\,081\,984} + \\
 & \frac{177\,925\,749 a_7^2 a_{13} a_{16}}{51\,913\,775\,513\,600} + \frac{16\,737\,257 a_3 a_8 a_{13} a_{16}}{72\,648\,576\,000} + \frac{4\,052\,089\,\pi^2 a_3 a_8 a_{13} a_{16}}{146\,373\,427\,200} + \\
 & \frac{7\,565\,681 a_5 a_8 a_{13} a_{16}}{253\,338\,624\,000} + \frac{2131\,\pi^2 a_5 a_8 a_{13} a_{16}}{2\,648\,662\,016} + \frac{43\,322\,311 a_8^2 a_{13} a_{16}}{1\,330\,667\,520\,000} + \frac{172\,479\,589\,\pi^2 a_8^2 a_{13} a_{16}}{51\,913\,775\,513\,600} + \\
 & \frac{534\,977\,767 a_3 a_9 a_{13} a_{16}}{16\,467\,010\,560\,000} + \frac{1531\,\pi^2 a_3 a_9 a_{13} a_{16}}{1\,593\,446\,400} + \frac{134\,309\,729 a_5 a_9 a_{13} a_{16}}{38\,649\,042\,432\,000} + \\
 & \frac{14\,193\,602\,081 a_8 a_9 a_{13} a_{16}}{1\,642\,584\,303\,360\,000} + \frac{71\,\pi^2 a_8 a_9 a_{13} a_{16}}{321\,699\,840} + \frac{673\,619\,131 a_9^2 a_{13} a_{16}}{1\,376\,642\,082\,816\,000} + \\
 & \frac{46\,525\,679 a_2 a_{10} a_{13} a_{16}}{116\,237\,721\,600} + \frac{3\,897\,911\,\pi^2 a_2 a_{10} a_{13} a_{16}}{119\,760\,076\,800} + \frac{36\,443\,807 a_4 a_{10} a_{13} a_{16}}{658\,680\,422\,400} + \\
 & \frac{9\,\pi^2 a_4 a_{10} a_{13} a_{16}}{7\,081\,984} + \frac{6\,530\,066\,219 a_6 a_{10} a_{13} a_{16}}{65\,868\,042\,240\,000} + \frac{196\,685\,589\,\pi^2 a_6 a_{10} a_{13} a_{16}}{25\,956\,887\,756\,800} + \\
 & \frac{34\,966\,348\,777 a_7 a_{10} a_{13} a_{16}}{2\,628\,134\,885\,376\,000} + \frac{\pi^2 a_7 a_{10} a_{13} a_{16}}{3\,440\,640} + \frac{3\,975\,994\,343 a_{10}^2 a_{13} a_{16}}{324\,461\,096\,960\,000} + \\
 & \frac{7\,817\,355\,509\,\pi^2 a_{10}^2 a_{13} a_{16}}{8\,810\,509\,330\,022\,400} + \frac{36\,443\,807 a_2 a_{11} a_{13} a_{16}}{658\,680\,422\,400} + \frac{9\,\pi^2 a_2 a_{11} a_{13} a_{16}}{7\,081\,984} +
 \end{aligned}$$

$$\begin{aligned}
& \frac{177\,925\,749\,a_4\,a_{11}\,a_{13}\,a_{16}}{25\,956\,887\,756\,800} + \frac{34\,966\,348\,777\,a_6\,a_{11}\,a_{13}\,a_{16}}{2\,628\,134\,885\,376\,000} + \frac{\pi^2\,a_6\,a_{11}\,a_{13}\,a_{16}}{3\,440\,640} + \\
& \frac{48\,312\,791\,a_7\,a_{11}\,a_{13}\,a_{16}}{29\,967\,718\,809\,600} + \frac{5\,044\,368\,059\,a_{10}\,a_{11}\,a_{13}\,a_{16}}{1\,573\,305\,237\,504\,000} + \frac{3\,\pi^2\,a_{10}\,a_{11}\,a_{13}\,a_{16}}{44\,843\,008} + \\
& \frac{400\,952\,597\,a_{11}^2\,a_{13}\,a_{16}}{2\,105\,368\,463\,278\,080} + \frac{313\,323\,851\,a_3\,a_{12}\,a_{13}\,a_{16}}{5\,132\,574\,720\,000} + \frac{13\,762\,687\,261\,\pi^2\,a_3\,a_{12}\,a_{13}\,a_{16}}{2\,102\,507\,908\,300\,800} + \\
& \frac{448\,083\,641\,a_5\,a_{12}\,a_{13}\,a_{16}}{59\,730\,338\,304\,000} + \frac{157\,\pi^2\,a_5\,a_{12}\,a_{13}\,a_{16}}{849\,838\,080} + \frac{1\,793\,934\,716\,983\,a_8\,a_{12}\,a_{13}\,a_{16}}{105\,125\,395\,415\,040\,000} + \\
& \frac{6\,957\,134\,609\,\pi^2\,a_8\,a_{12}\,a_{13}\,a_{16}}{4\,405\,254\,665\,011\,200} + \frac{215\,487\,560\,933\,a_9\,a_{12}\,a_{13}\,a_{16}}{99\,118\,229\,962\,752\,000} + \frac{11\,301\,\pi^2\,a_9\,a_{12}\,a_{13}\,a_{16}}{221\,524\,459\,520} + \\
& \frac{182\,910\,802\,853\,a_{12}^2\,a_{13}\,a_{16}}{82\,231\,420\,413\,542\,400} + \frac{2\,777\,486\,147\,\pi^2\,a_{12}^2\,a_{13}\,a_{16}}{14\,737\,579\,242\,946\,560} + \frac{44\,257\,438\,343\,a_3\,a_{13}^2\,a_{16}}{10\,512\,539\,541\,504\,000} + \\
& \frac{17\,\pi^2\,a_3\,a_{13}^2\,a_{16}}{144\,506\,880} + \frac{19\,708\,847\,a_5\,a_{13}^2\,a_{16}}{45\,083\,015\,577\,600} + \frac{1\,896\,888\,137\,a_8\,a_{13}^2\,a_{16}}{1\,694\,328\,717\,312\,000} + \frac{1\,503\,\pi^2\,a_8\,a_{13}^2\,a_{16}}{55\,246\,585\,856} + \\
& \frac{95\,484\,149\,a_9\,a_{13}^2\,a_{16}}{771\,254\,894\,592\,000} + \frac{342\,810\,091\,697\,a_{12}\,a_{13}^2\,a_{16}}{1\,215\,850\,287\,543\,091\,200} + \frac{2\,007\,\pi^2\,a_{12}\,a_{13}^2\,a_{16}}{317\,272\,883\,200} + \\
& \frac{82\,022\,476\,183\,a_{13}^3\,a_{16}}{78\,231\,983\,147\,977\,465\,600} + \frac{18\,911\,a_2\,a_3\,a_{14}\,a_{16}}{2\,494\,800} + \frac{103\,338\,527\,\pi^2\,a_2\,a_3\,a_{14}\,a_{16}}{48\,432\,384\,000} + \frac{7\,\pi^4\,a_2\,a_3\,a_{14}\,a_{16}}{153\,600} + \\
& \frac{9\,472\,241\,a_3\,a_4\,a_{14}\,a_{16}}{7\,264\,857\,600} + \frac{17\,431\,\pi^2\,a_3\,a_4\,a_{14}\,a_{16}}{110\,702\,592} + \frac{45\,320\,551\,a_2\,a_5\,a_{14}\,a_{16}}{36\,324\,288\,000} + \frac{32\,909\,\pi^2\,a_2\,a_5\,a_{14}\,a_{16}}{298\,045\,440} + \\
& \frac{21\,173\,a_4\,a_5\,a_{14}\,a_{16}}{118\,609\,920} + \frac{7\,\pi^2\,a_4\,a_5\,a_{14}\,a_{16}}{1\,566\,720} + \frac{146\,222\,183\,a_3\,a_6\,a_{14}\,a_{16}}{72\,648\,576\,000} + \frac{6\,211\,897\,\pi^2\,a_3\,a_6\,a_{14}\,a_{16}}{12\,108\,096\,000} + \\
& \frac{7\,\pi^4\,a_3\,a_6\,a_{14}\,a_{16}}{696\,320} + \frac{135\,250\,979\,a_5\,a_6\,a_{14}\,a_{16}}{435\,891\,456\,000} + \frac{2\,882\,471\,\pi^2\,a_5\,a_6\,a_{14}\,a_{16}}{112\,916\,643\,840} + \\
& \frac{95\,804\,531\,a_3\,a_7\,a_{14}\,a_{16}}{290\,594\,304\,000} + \frac{685\,309\,\pi^2\,a_3\,a_7\,a_{14}\,a_{16}}{18\,819\,440\,640} + \frac{259\,163\,a_5\,a_7\,a_{14}\,a_{16}}{6\,031\,872\,000} + \frac{\pi^2\,a_5\,a_7\,a_{14}\,a_{16}}{992\,256} + \\
& \frac{4\,694\,779\,a_2\,a_8\,a_{14}\,a_{16}}{2\,018\,016\,000} + \frac{5\,775\,139\,\pi^2\,a_2\,a_8\,a_{14}\,a_{16}}{10\,762\,752\,000} + \frac{7\,\pi^4\,a_2\,a_8\,a_{14}\,a_{16}}{696\,320} + \frac{500\,377\,a_4\,a_8\,a_{14}\,a_{16}}{1\,345\,344\,000} + \\
& \frac{1\,403\,651\,\pi^2\,a_4\,a_8\,a_{14}\,a_{16}}{37\,638\,881\,280} + \frac{527\,837\,263\,a_6\,a_8\,a_{14}\,a_{16}}{871\,782\,912\,000} + \frac{127\,339\,657\,\pi^2\,a_6\,a_8\,a_{14}\,a_{16}}{988\,020\,633\,600} + \\
& \frac{7\,\pi^4\,a_6\,a_8\,a_{14}\,a_{16}}{3\,112\,960} + \frac{2\,042\,843\,093\,a_7\,a_8\,a_{14}\,a_{16}}{21\,956\,014\,080\,000} + \frac{1\,723\,291\,\pi^2\,a_7\,a_8\,a_{14}\,a_{16}}{198\,649\,651\,200} + \\
& \frac{2\,462\,833\,a_2\,a_9\,a_{14}\,a_{16}}{6\,604\,416\,000} + \frac{1\,545\,749\,\pi^2\,a_2\,a_9\,a_{14}\,a_{16}}{50\,667\,724\,800} + \frac{13\,480\,409\,a_4\,a_9\,a_{14}\,a_{16}}{261\,381\,120\,000} + \\
& \frac{7\,\pi^2\,a_4\,a_9\,a_{14}\,a_{16}}{5\,836\,800} + \frac{2\,608\,479\,667\,a_6\,a_9\,a_{14}\,a_{16}}{28\,229\,160\,960\,000} + \frac{10\,157\,453\,\pi^2\,a_6\,a_9\,a_{14}\,a_{16}}{1\,430\,277\,488\,640} + \\
& \frac{326\,317\,602\,361\,a_7\,a_9\,a_{14}\,a_{16}}{26\,281\,348\,853\,760\,000} + \frac{\pi^2\,a_7\,a_9\,a_{14}\,a_{16}}{3\,655\,680} + \frac{2\,046\,389\,a_3\,a_{10}\,a_{14}\,a_{16}}{3\,874\,590\,720} + \\
& \frac{325\,016\,117\,\pi^2\,a_3\,a_{10}\,a_{14}\,a_{16}}{2\,634\,721\,689\,600} + \frac{7\,\pi^4\,a_3\,a_{10}\,a_{14}\,a_{16}}{3\,112\,960} + \frac{45\,601\,474\,571\,a_5\,a_{10}\,a_{14}\,a_{16}}{592\,812\,380\,160\,000} + \\
& \frac{14\,991\,763\,\pi^2\,a_5\,a_{10}\,a_{14}\,a_{16}}{2\,524\,019\,097\,600} + \frac{2\,574\,162\,709\,a_8\,a_{10}\,a_{14}\,a_{16}}{16\,467\,010\,560\,000} + \frac{21\,719\,497\,753\,\pi^2\,a_8\,a_{10}\,a_{14}\,a_{16}}{700\,835\,969\,433\,600} + \\
& \frac{\pi^4\,a_8\,a_{10}\,a_{14}\,a_{16}}{1\,966\,080} + \frac{85\,802\,780\,663\,a_9\,a_{10}\,a_{14}\,a_{16}}{3\,754\,478\,407\,680\,000} + \frac{6\,153\,607\,\pi^2\,a_9\,a_{10}\,a_{14}\,a_{16}}{3\,701\,894\,676\,480} + \\
& \frac{5\,461\,441\,669\,a_3\,a_{11}\,a_{14}\,a_{16}}{65\,868\,042\,240\,000} + \frac{4\,487\,001\,\pi^2\,a_3\,a_{11}\,a_{14}\,a_{16}}{529\,732\,403\,200} + \frac{10\,880\,345\,711\,a_5\,a_{11}\,a_{14}\,a_{16}}{1\,051\,253\,954\,150\,400} +
\end{aligned}$$

$$\begin{aligned}
 & \frac{\pi^2 a_5 a_{11} a_{14} a_{16}}{4\,358\,144} + \frac{6\,222\,991\,597 a_8 a_{11} a_{14} a_{16}}{268\,177\,029\,120\,000} + \frac{425\,527\,139 \pi^2 a_8 a_{11} a_{14} a_{16}}{209\,774\,031\,667\,200} + \\
 & \frac{4\,709\,825\,521 a_9 a_{11} a_{14} a_{16}}{1\,573\,305\,237\,504\,000} + \frac{9 \pi^2 a_9 a_{11} a_{14} a_{16}}{143\,196\,160} + \frac{186\,632\,857 a_2 a_{12} a_{14} a_{16}}{290\,594\,304\,000} + \\
 & \frac{23\,049\,511 \pi^2 a_2 a_{12} a_{14} a_{16}}{175\,648\,112\,640} + \frac{7 \pi^4 a_2 a_{12} a_{14} a_{16}}{3\,112\,960} + \frac{57\,937\,587\,403 a_4 a_{12} a_{14} a_{16}}{592\,812\,380\,160\,000} + \\
 & \frac{125\,199\,073 \pi^2 a_4 a_{12} a_{14} a_{16}}{14\,302\,774\,886\,400} + \frac{29\,400\,465\,691 a_6 a_{12} a_{14} a_{16}}{177\,843\,714\,048\,000} + \frac{153\,077\,279 \pi^2 a_6 a_{12} a_{14} a_{16}}{4\,851\,941\,326\,848} + \\
 & \frac{\pi^4 a_6 a_{12} a_{14} a_{16}}{1\,966\,080} + \frac{2\,899\,288\,219 a_7 a_{12} a_{14} a_{16}}{119\,189\,790\,720\,000} + \frac{214\,773\,077 \pi^2 a_7 a_{12} a_{14} a_{16}}{104\,887\,015\,833\,600} + \\
 & \frac{2\,001\,456\,632\,741 a_{10} a_{12} a_{14} a_{16}}{47\,306\,427\,936\,768\,000} + \frac{602\,328\,415\,687 \pi^2 a_{10} a_{12} a_{14} a_{16}}{79\,294\,583\,970\,201\,600} + \frac{7 \pi^4 a_{10} a_{12} a_{14} a_{16}}{60\,293\,120} + \\
 & \frac{8\,556\,993\,119 a_{11} a_{12} a_{14} a_{16}}{1\,415\,974\,713\,753\,600} + \frac{56\,279\,389 \pi^2 a_{11} a_{12} a_{14} a_{16}}{116\,964\,914\,626\,560} + \frac{6\,530\,066\,219 a_2 a_{13} a_{14} a_{16}}{65\,868\,042\,240\,000} + \\
 & \frac{196\,685\,589 \pi^2 a_2 a_{13} a_{14} a_{16}}{25\,956\,887\,756\,800} + \frac{34\,966\,348\,777 a_4 a_{13} a_{14} a_{16}}{2\,628\,134\,885\,376\,000} + \frac{\pi^2 a_4 a_{13} a_{14} a_{16}}{3\,440\,640} + \\
 & \frac{3\,975\,994\,343 a_6 a_{13} a_{14} a_{16}}{162\,230\,548\,480\,000} + \frac{7\,817\,355\,509 \pi^2 a_6 a_{13} a_{14} a_{16}}{4\,405\,254\,665\,011\,200} + \frac{5\,044\,368\,059 a_7 a_{13} a_{14} a_{16}}{1\,573\,305\,237\,504\,000} + \\
 & \frac{3 \pi^2 a_7 a_{13} a_{14} a_{16}}{44\,843\,008} + \frac{2\,799\,415\,337\,801 a_{10} a_{13} a_{14} a_{16}}{462\,551\,739\,826\,176\,000} + \frac{3\,076\,629\,299 \pi^2 a_{10} a_{13} a_{14} a_{16}}{7\,368\,789\,621\,473\,280} + \\
 & \frac{18\,379\,442\,801 a_{11} a_{13} a_{14} a_{16}}{23\,747\,075\,928\,576\,000} + \frac{27 \pi^2 a_{11} a_{13} a_{14} a_{16}}{1\,743\,257\,600} + \frac{162\,756\,492\,077 a_3 a_{14}^2 a_{16}}{2\,371\,249\,520\,640\,000} + \\
 & \frac{62\,419\,064\,077 \pi^2 a_3 a_{14}^2 a_{16}}{4\,205\,015\,816\,601\,600} + \frac{\pi^4 a_3 a_{14}^2 a_{16}}{3\,932\,160} + \frac{285\,816\,612\,371 a_5 a_{14}^2 a_{16}}{30\,035\,827\,261\,440\,000} + \frac{15\,341\,849 \pi^2 a_5 a_{14}^2 a_{16}}{22\,081\,477\,017\,600} + \\
 & \frac{1\,405\,333\,045\,871 a_8 a_{14}^2 a_{16}}{70\,083\,596\,943\,360\,000} + \frac{3\,287\,321\,647 \pi^2 a_8 a_{14}^2 a_{16}}{881\,050\,933\,002\,240} + \frac{7 \pi^4 a_8 a_{14}^2 a_{16}}{120\,586\,240} + \\
 & \frac{18\,651\,612\,383\,237 a_9 a_{14}^2 a_{16}}{6\,607\,881\,997\,516\,800\,000} + \frac{12\,891\,473 \pi^2 a_9 a_{14}^2 a_{16}}{65\,957\,658\,624\,000} + \frac{2\,492\,686\,997\,250\,883 a_{12} a_{14}^2 a_{16}}{462\,551\,739\,826\,176\,000\,000} + \\
 & \frac{11\,134\,720\,060\,901 \pi^2 a_{12} a_{14}^2 a_{16}}{12\,158\,502\,875\,430\,912\,000} + \frac{7 \pi^4 a_{12} a_{14}^2 a_{16}}{524\,288\,000} + \frac{635\,552\,589\,160\,141 a_{13} a_{14}^2 a_{16}}{851\,095\,201\,280\,163\,840\,000} + \\
 & \frac{279\,935\,023 \pi^2 a_{13} a_{14}^2 a_{16}}{5\,676\,697\,189\,875\,712} + \frac{9\,472\,241 a_2 a_3 a_{15} a_{16}}{7\,264\,857\,600} + \frac{17\,431 \pi^2 a_2 a_3 a_{15} a_{16}}{110\,702\,592} + \\
 & \frac{10\,819 a_3 a_4 a_{15} a_{16}}{54\,912\,000} + \frac{\pi^2 a_3 a_4 a_{15} a_{16}}{139\,264} + \frac{21\,173 a_2 a_5 a_{15} a_{16}}{118\,609\,920} + \frac{7 \pi^2 a_2 a_5 a_{15} a_{16}}{1\,566\,720} + \\
 & \frac{122\,443 a_4 a_5 a_{15} a_{16}}{5\,376\,983\,040} + \frac{95\,804\,531 a_3 a_6 a_{15} a_{16}}{290\,594\,304\,000} + \frac{685\,309 \pi^2 a_3 a_6 a_{15} a_{16}}{18\,819\,440\,640} + \frac{259\,163 a_5 a_6 a_{15} a_{16}}{6\,031\,872\,000} + \\
 & \frac{\pi^2 a_5 a_6 a_{15} a_{16}}{992\,256} + \frac{18\,066\,079 a_3 a_7 a_{15} a_{16}}{376\,388\,812\,800} + \frac{\pi^2 a_3 a_7 a_{15} a_{16}}{622\,592} + \frac{1\,926\,709 a_5 a_7 a_{15} a_{16}}{360\,574\,156\,800} + \\
 & \frac{500\,377 a_2 a_8 a_{15} a_{16}}{1\,345\,344\,000} + \frac{1\,403\,651 \pi^2 a_2 a_8 a_{15} a_{16}}{37\,638\,881\,280} + \frac{4\,995\,871 a_4 a_8 a_{15} a_{16}}{94\,097\,203\,200} + \frac{\pi^2 a_4 a_8 a_{15} a_{16}}{622\,592} + \\
 & \frac{2\,042\,843\,093 a_6 a_8 a_{15} a_{16}}{21\,956\,014\,080\,000} + \frac{1\,723\,291 \pi^2 a_6 a_8 a_{15} a_{16}}{198\,649\,651\,200} + \frac{27\,073\,198\,069 a_7 a_8 a_{15} a_{16}}{2\,102\,507\,908\,300\,800} + \\
 & \frac{\pi^2 a_7 a_8 a_{15} a_{16}}{2\,752\,512} + \frac{13\,480\,409 a_2 a_9 a_{15} a_{16}}{261\,381\,120\,000} + \frac{7 \pi^2 a_2 a_9 a_{15} a_{16}}{5\,836\,800} + \frac{2\,180\,221 a_4 a_9 a_{15} a_{16}}{340\,542\,259\,200} + \\
 & \frac{326\,317\,602\,361 a_6 a_9 a_{15} a_{16}}{26\,281\,348\,853\,760\,000} + \frac{\pi^2 a_6 a_9 a_{15} a_{16}}{3\,655\,680} + \frac{27\,898\,883 a_7 a_9 a_{15} a_{16}}{18\,509\,473\,382\,400} +
 \end{aligned}$$

$$\begin{aligned}
& \frac{5\,461\,441\,669\,a_3\,a_{10}\,a_{15}\,a_{16}}{65\,868\,042\,240\,000} + \frac{4\,487\,001\,\pi^2\,a_3\,a_{10}\,a_{15}\,a_{16}}{529\,732\,403\,200} + \frac{10\,880\,345\,711\,a_5\,a_{10}\,a_{15}\,a_{16}}{1\,051\,253\,954\,150\,400} + \\
& \frac{\pi^2\,a_5\,a_{10}\,a_{15}\,a_{16}}{4\,358\,144} + \frac{6\,222\,991\,597\,a_8\,a_{10}\,a_{15}\,a_{16}}{268\,177\,029\,120\,000} + \frac{425\,527\,139\,\pi^2\,a_8\,a_{10}\,a_{15}\,a_{16}}{209\,774\,031\,667\,200} + \\
& \frac{4\,709\,825\,521\,a_9\,a_{10}\,a_{15}\,a_{16}}{1\,573\,305\,237\,504\,000} + \frac{9\,\pi^2\,a_9\,a_{10}\,a_{15}\,a_{16}}{143\,196\,160} + \frac{24\,553\,131\,107\,a_3\,a_{11}\,a_{15}\,a_{16}}{2\,102\,507\,908\,300\,800} + \\
& \frac{\pi^2\,a_3\,a_{11}\,a_{15}\,a_{16}}{2\,752\,512} + \frac{13\,893\,721\,a_5\,a_{11}\,a_{15}\,a_{16}}{11\,040\,738\,508\,800} + \frac{196\,583\,099\,a_8\,a_{11}\,a_{15}\,a_{16}}{62\,932\,209\,500\,160} + \frac{\pi^2\,a_8\,a_{11}\,a_{15}\,a_{16}}{12\,058\,624} + \\
& \frac{82\,225\,271\,a_9\,a_{11}\,a_{15}\,a_{16}}{230\,851\,805\,184\,000} + \frac{57\,937\,587\,403\,a_2\,a_{12}\,a_{15}\,a_{16}}{592\,812\,380\,160\,000} + \frac{125\,199\,073\,\pi^2\,a_2\,a_{12}\,a_{15}\,a_{16}}{14\,302\,774\,886\,400} + \\
& \frac{14\,098\,445\,897\,a_4\,a_{12}\,a_{15}\,a_{16}}{1\,051\,253\,954\,150\,400} + \frac{\pi^2\,a_4\,a_{12}\,a_{15}\,a_{16}}{2\,752\,512} + \frac{2\,899\,288\,219\,a_6\,a_{12}\,a_{15}\,a_{16}}{119\,189\,790\,720\,000} + \\
& \frac{214\,773\,077\,\pi^2\,a_6\,a_{12}\,a_{15}\,a_{16}}{104\,887\,015\,833\,600} + \frac{1\,472\,540\,521\,a_7\,a_{12}\,a_{15}\,a_{16}}{453\,111\,908\,401\,152} + \frac{\pi^2\,a_7\,a_{12}\,a_{15}\,a_{16}}{12\,058\,624} + \\
& \frac{8\,556\,993\,119\,a_{10}\,a_{12}\,a_{15}\,a_{16}}{1\,415\,974\,713\,753\,600} + \frac{56\,279\,389\,\pi^2\,a_{10}\,a_{12}\,a_{15}\,a_{16}}{116\,964\,914\,626\,560} + \frac{19\,556\,822\,521\,a_{11}\,a_{12}\,a_{15}\,a_{16}}{24\,813\,271\,174\,348\,800} + \\
& \frac{\pi^2\,a_{11}\,a_{12}\,a_{15}\,a_{16}}{52\,428\,800} + \frac{34\,966\,348\,777\,a_2\,a_{13}\,a_{15}\,a_{16}}{2\,628\,134\,885\,376\,000} + \frac{\pi^2\,a_2\,a_{13}\,a_{15}\,a_{16}}{3\,440\,640} + \frac{48\,312\,791\,a_4\,a_{13}\,a_{15}\,a_{16}}{29\,967\,718\,809\,600} + \\
& \frac{5\,044\,368\,059\,a_6\,a_{13}\,a_{15}\,a_{16}}{1\,573\,305\,237\,504\,000} + \frac{3\,\pi^2\,a_6\,a_{13}\,a_{15}\,a_{16}}{44\,843\,008} + \frac{400\,952\,597\,a_7\,a_{13}\,a_{15}\,a_{16}}{1\,052\,684\,231\,639\,040} + \\
& \frac{18\,379\,442\,801\,a_{10}\,a_{13}\,a_{15}\,a_{16}}{23\,747\,075\,928\,576\,000} + \frac{27\,\pi^2\,a_{10}\,a_{13}\,a_{15}\,a_{16}}{1\,743\,257\,600} + \frac{183\,083\,837\,a_{11}\,a_{13}\,a_{15}\,a_{16}}{2\,027\,391\,853\,527\,040} + \\
& \frac{136\,441\,921\,439\,a_3\,a_{14}\,a_{15}\,a_{16}}{6\,570\,337\,213\,440\,000} + \frac{405\,761\,\pi^2\,a_3\,a_{14}\,a_{15}\,a_{16}}{204\,857\,452\,800} + \frac{3\,463\,536\,649\,a_5\,a_{14}\,a_{15}\,a_{16}}{1\,387\,655\,219\,478\,528} + \\
& \frac{5\,\pi^2\,a_5\,a_{14}\,a_{15}\,a_{16}}{94\,961\,664} + \frac{8\,011\,766\,650\,903\,a_8\,a_{14}\,a_{15}\,a_{16}}{1\,387\,655\,219\,478\,528\,000} + \frac{16\,721\,669\,\pi^2\,a_8\,a_{14}\,a_{15}\,a_{16}}{35\,089\,474\,387\,968} + \\
& \frac{1\,025\,255\,905\,243\,a_9\,a_{14}\,a_{15}\,a_{16}}{1\,418\,492\,002\,133\,606\,400} + \frac{\pi^2\,a_9\,a_{14}\,a_{15}\,a_{16}}{68\,812\,800} + \frac{4\,221\,775\,379\,593\,a_{12}\,a_{14}\,a_{15}\,a_{16}}{2\,816\,123\,827\,765\,248\,000} + \\
& \frac{7\,767\,739\,081\,\pi^2\,a_{12}\,a_{14}\,a_{15}\,a_{16}}{68\,424\,475\,056\,537\,600} + \frac{13\,042\,631\,426\,236\,487\,a_{13}\,a_{14}\,a_{15}\,a_{16}}{69\,704\,696\,984\,845\,418\,496\,000} + \frac{5\,\pi^2\,a_{13}\,a_{14}\,a_{15}\,a_{16}}{1\,387\,266\,048} + \\
& \frac{3\,574\,460\,497\,a_3\,a_{15}^2\,a_{16}}{2\,517\,288\,380\,006\,400} + \frac{\pi^2\,a_3\,a_{15}^2\,a_{16}}{24\,117\,248} + \frac{819\,854\,809\,a_5\,a_{15}^2\,a_{16}}{5\,514\,060\,260\,966\,400} + \frac{658\,409\,168\,873\,a_8\,a_{15}^2\,a_{16}}{1\,736\,928\,982\,204\,416\,000} + \\
& \frac{\pi^2\,a_8\,a_{15}^2\,a_{16}}{104\,857\,600} + \frac{10\,088\,602\,231\,a_9\,a_{15}^2\,a_{16}}{238\,942\,611\,308\,544\,000} + \frac{6\,220\,123\,713\,731\,a_{12}\,a_{15}^2\,a_{16}}{65\,030\,621\,093\,733\,335\,040} + \frac{\pi^2\,a_{12}\,a_{15}^2\,a_{16}}{452\,984\,832} + \\
& \frac{46\,418\,972\,783\,a_{13}\,a_{15}^2\,a_{16}}{4\,323\,023\,244\,597\,657\,600} + \frac{47\,407\,a_2^2\,a_{16}^2}{19\,958\,400} + \frac{7\,089\,557\,\pi^2\,a_2^2\,a_{16}^2}{12\,108\,096\,000} + \frac{7\,\pi^4\,a_2^2\,a_{16}^2}{614\,400} + \\
& \frac{43\,799\,149\,a_3^2\,a_{16}^2}{145\,297\,152\,000} + \frac{77\,097\,479\,\pi^2\,a_3^2\,a_{16}^2}{774\,918\,144\,000} + \frac{7\,\pi^4\,a_3^2\,a_{16}^2}{2\,785\,280} + \frac{8\,522\,273\,a_2\,a_4\,a_{16}^2}{10\,378\,368\,000} + \\
& \frac{56\,17\,\pi^2\,a_2\,a_4\,a_{16}^2}{69\,189\,120} + \frac{39\,389\,a_4^2\,a_{16}^2}{658\,944\,000} + \frac{\pi^2\,a_4^2\,a_{16}^2}{557\,056} + \frac{434\,887\,a_3\,a_5\,a_{16}^2}{4\,447\,872\,000} + \frac{494\,927\,\pi^2\,a_3\,a_5\,a_{16}^2}{45\,166\,657\,536} + \\
& \frac{3\,008\,293\,a_5^2\,a_{16}^2}{483\,928\,473\,600} + \frac{227\,\pi^2\,a_5^2\,a_{16}^2}{1\,428\,848\,640} + \frac{15\,535\,007\,a_2\,a_6\,a_{16}^2}{12\,108\,096\,000} + \frac{13\,372\,013\,\pi^2\,a_2\,a_6\,a_{16}^2}{48\,432\,384\,000} + \\
& \frac{7\,\pi^4\,a_2\,a_6\,a_{16}^2}{1\,392\,640} + \frac{4\,202\,747\,a_4\,a_6\,a_{16}^2}{20\,756\,736\,000} + \frac{1\,418\,237\,\pi^2\,a_4\,a_6\,a_{16}^2}{75\,277\,762\,560} + \frac{975\,683\,a_6^2\,a_{16}^2}{5\,870\,592\,000} + \\
& \frac{19\,823\,831\,\pi^2\,a_6^2\,a_{16}^2}{598\,800\,384\,000} + \frac{7\,\pi^4\,a_6^2\,a_{16}^2}{12\,451\,840} + \frac{4\,202\,747\,a_2\,a_7\,a_{16}^2}{20\,756\,736\,000} + \frac{1\,418\,237\,\pi^2\,a_2\,a_7\,a_{16}^2}{75\,277\,762\,560} +
\end{aligned}$$

$$\begin{aligned}
 & \frac{115\,853\,a_4\,a_7\,a_{16}^2}{4\,073\,472\,000} + \frac{\pi^2\,a_4\,a_7\,a_{16}^2}{1\,245\,184} + \frac{45\,066\,577\,a_6\,a_7\,a_{16}^2}{896\,163\,840\,000} + \frac{6\,977\,809\,\pi^2\,a_6\,a_7\,a_{16}^2}{1\,589\,197\,209\,600} + \\
 & \frac{1\,109\,328\,277\,a_7^2\,a_{16}^2}{323\,462\,755\,123\,200} + \frac{\pi^2\,a_7^2\,a_{16}^2}{11\,010\,048} + \frac{162\,354\,289\,a_3\,a_8\,a_{16}^2}{871\,782\,912\,000} + \frac{4\,007\,782\,109\,\pi^2\,a_3\,a_8\,a_{16}^2}{79\,041\,650\,688\,000} + \\
 & \frac{7\,\pi^4\,a_3\,a_8\,a_{16}^2}{6\,225\,920} + \frac{515\,086\,357\,a_5\,a_8\,a_{16}^2}{18\,819\,440\,640\,000} + \frac{226\,093\,211\,\pi^2\,a_5\,a_8\,a_{16}^2}{85\,816\,649\,318\,400} + \frac{261\,416\,567\,a_8^2\,a_{16}^2}{9\,409\,720\,320\,000} + \\
 & \frac{1\,936\,046\,627\,\pi^2\,a_8^2\,a_{16}^2}{300\,358\,272\,614\,400} + \frac{\pi^4\,a_8^2\,a_{16}^2}{7\,864\,320} + \frac{127\,374\,197\,a_3\,a_9\,a_{16}^2}{4\,342\,947\,840\,000} + \frac{43\,997\,669\,\pi^2\,a_3\,a_9\,a_{16}^2}{14\,302\,774\,886\,400} + \\
 & \frac{31\,381\,678\,591\,a_5\,a_9\,a_{16}^2}{8\,760\,449\,617\,920\,000} + \frac{1\,447\,\pi^2\,a_5\,a_9\,a_{16}^2}{16\,669\,900\,800} + \frac{398\,791\,241\,a_8\,a_9\,a_{16}^2}{48\,759\,459\,840\,000} + \frac{27\,483\,611\,\pi^2\,a_8\,a_9\,a_{16}^2}{37\,018\,946\,764\,800} + \\
 & \frac{10\,199\,087\,597\,a_9^2\,a_{16}^2}{19\,666\,315\,468\,800\,000} + \frac{257\,\pi^2\,a_9^2\,a_{16}^2}{21\,479\,424\,000} + \frac{975\,683\,a_2\,a_{10}\,a_{16}^2}{2\,935\,296\,000} + \frac{19\,823\,831\,\pi^2\,a_2\,a_{10}\,a_{16}^2}{299\,400\,192\,000} + \\
 & \frac{7\,\pi^4\,a_2\,a_{10}\,a_{16}^2}{6\,225\,920} + \frac{45\,066\,577\,a_4\,a_{10}\,a_{16}^2}{896\,163\,840\,000} + \frac{6\,977\,809\,\pi^2\,a_4\,a_{10}\,a_{16}^2}{1\,589\,197\,209\,600} + \frac{3\,615\,811\,363\,a_6\,a_{10}\,a_{16}^2}{42\,343\,741\,440\,000} + \\
 & \frac{597\,658\,993\,\pi^2\,a_6\,a_{10}\,a_{16}^2}{37\,544\,784\,076\,800} + \frac{\pi^4\,a_6\,a_{10}\,a_{16}^2}{3\,932\,160} + \frac{13\,400\,463\,413\,a_7\,a_{10}\,a_{16}^2}{1\,072\,708\,116\,480\,000} + \frac{431\,249\,713\,\pi^2\,a_7\,a_{10}\,a_{16}^2}{419\,548\,063\,334\,400} + \\
 & \frac{37\,806\,414\,649\,a_{10}^2\,a_{16}^2}{3\,465\,672\,376\,320\,000} + \frac{158\,305\,981\,\pi^2\,a_{10}^2\,a_{16}^2}{82\,598\,524\,968\,960} + \frac{7\,\pi^4\,a_{10}^2\,a_{16}^2}{241\,172\,480} + \frac{45\,066\,577\,a_2\,a_{11}\,a_{16}^2}{896\,163\,840\,000} + \\
 & \frac{6\,977\,809\,\pi^2\,a_2\,a_{11}\,a_{16}^2}{1\,589\,197\,209\,600} + \frac{1\,109\,328\,277\,a_4\,a_{11}\,a_{16}^2}{161\,731\,377\,561\,600} + \frac{\pi^2\,a_4\,a_{11}\,a_{16}^2}{5\,505\,024} + \frac{13\,400\,463\,413\,a_6\,a_{11}\,a_{16}^2}{1\,072\,708\,116\,480\,000} + \\
 & \frac{431\,249\,713\,\pi^2\,a_6\,a_{11}\,a_{16}^2}{419\,548\,063\,334\,400} + \frac{19\,346\,953\,a_7\,a_{11}\,a_{16}^2}{11\,654\,112\,870\,400} + \frac{\pi^2\,a_7\,a_{11}\,a_{16}^2}{24\,117\,248} + \frac{292\,633\,889\,201\,a_{10}\,a_{11}\,a_{16}^2}{94\,398\,314\,250\,240\,000} + \\
 & \frac{42\,397\,837\,\pi^2\,a_{10}\,a_{11}\,a_{16}^2}{175\,447\,371\,939\,840} + \frac{2\,569\,694\,549\,a_{11}^2\,a_{16}^2}{12\,771\,536\,633\,856\,000} + \frac{\pi^2\,a_{11}^2\,a_{16}^2}{209\,715\,200} + \frac{52\,475\,948\,053\,a_3\,a_{12}\,a_{16}^2}{1\,016\,249\,794\,560\,000} + \\
 & \frac{45\,257\,309\,333\,\pi^2\,a_3\,a_{12}\,a_{16}^2}{3\,604\,299\,271\,372\,800} + \frac{\pi^4\,a_3\,a_{12}\,a_{16}^2}{3\,932\,160} + \frac{55\,167\,303\,901\,a_5\,a_{12}\,a_{16}^2}{7\,723\,498\,438\,656\,000} + \\
 & \frac{1\,367\,791\,\pi^2\,a_5\,a_{12}\,a_{16}^2}{2\,183\,882\,342\,400} + \frac{104\,966\,691\,457\,a_8\,a_{12}\,a_{16}^2}{6\,931\,344\,752\,640\,000} + \frac{505\,580\,880\,781\,\pi^2\,a_8\,a_{12}\,a_{16}^2}{158\,589\,167\,940\,403\,200} + \\
 & \frac{7\,\pi^4\,a_8\,a_{12}\,a_{16}^2}{120\,586\,240} + \frac{6\,031\,328\,554\,159\,a_9\,a_{12}\,a_{16}^2}{2\,831\,949\,427\,507\,200\,000} + \frac{4\,663\,213\,283\,\pi^2\,a_9\,a_{12}\,a_{16}^2}{26\,317\,105\,790\,976\,000} + \\
 & \frac{280\,531\,360\,795\,583\,a_{12}^2\,a_{16}^2}{137\,240\,626\,102\,272\,000\,000} + \frac{57\,504\,512\,864\,077\,\pi^2\,a_{12}^2\,a_{16}^2}{145\,902\,034\,505\,170\,944\,000} + \frac{7\,\pi^4\,a_{12}^2\,a_{16}^2}{1\,048\,576\,000} + \\
 & \frac{826\,207\,948\,199\,a_3\,a_{13}\,a_{16}^2}{105\,125\,395\,415\,040\,000} + \frac{6\,819\,488\,353\,\pi^2\,a_3\,a_{13}\,a_{16}^2}{8\,810\,509\,330\,022\,400} + \frac{1\,285\,768\,807\,889\,a_5\,a_{13}\,a_{16}^2}{1\,387\,655\,219\,478\,528\,000} + \\
 & \frac{689\,\pi^2\,a_5\,a_{13}\,a_{16}^2}{32\,286\,965\,760} + \frac{30\,269\,915\,251\,937\,a_8\,a_{13}\,a_{16}^2}{13\,876\,552\,194\,785\,280\,000} + \frac{2\,763\,174\,443\,\pi^2\,a_8\,a_{13}\,a_{16}^2}{14\,737\,579\,242\,946\,560} + \\
 & \frac{28\,610\,214\,793\,789\,a_9\,a_{13}\,a_{16}^2}{106\,386\,900\,160\,020\,480\,000} + \frac{31\,\pi^2\,a_9\,a_{13}\,a_{16}^2}{5\,229\,772\,800} + \frac{4\,341\,112\,758\,126\,367\,a_{12}\,a_{13}\,a_{16}^2}{7\,659\,856\,811\,521\,474\,560\,000} + \\
 & \frac{172\,091\,214\,161\,\pi^2\,a_{12}\,a_{13}\,a_{16}^2}{172\,091\,214\,161\,000} + \frac{1\,947\,158\,707\,067\,017\,a_{13}^2\,a_{16}^2}{3\,831\,770\,603\,166\,105\,600} + \frac{41\,\pi^2\,a_{13}^2\,a_{16}^2}{55\,763\,757\,587\,876\,334\,796\,800} + \frac{55\,490\,641\,920}{55\,490\,641\,920} + \\
 & \frac{3\,615\,811\,363\,a_2\,a_{14}\,a_{16}^2}{42\,343\,741\,440\,000} + \frac{597\,658\,993\,\pi^2\,a_2\,a_{14}\,a_{16}^2}{37\,544\,784\,076\,800} + \frac{\pi^4\,a_2\,a_{14}\,a_{16}^2}{3\,932\,160} + \frac{13\,400\,463\,413\,a_4\,a_{14}\,a_{16}^2}{1\,072\,708\,116\,480\,000} + \\
 & \frac{431\,249\,713\,\pi^2\,a_4\,a_{14}\,a_{16}^2}{419\,548\,063\,334\,400} + \frac{37\,806\,414\,649\,a_6\,a_{14}\,a_{16}^2}{1\,732\,836\,188\,160\,000} + \frac{158\,305\,981\,\pi^2\,a_6\,a_{14}\,a_{16}^2}{41\,299\,262\,484\,480} + \frac{7\,\pi^4\,a_6\,a_{14}\,a_{16}^2}{120\,586\,240} + \\
 & \frac{292\,633\,889\,201\,a_7\,a_{14}\,a_{16}^2}{94\,398\,314\,250\,240\,000} + \frac{42\,397\,837\,\pi^2\,a_7\,a_{14}\,a_{16}^2}{175\,447\,371\,939\,840} + \frac{137\,543\,773\,568\,059\,a_{10}\,a_{14}\,a_{16}^2}{24\,779\,557\,490\,688\,000\,000} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{216\,133\,910\,851\,\pi^2\,a_{10}\,a_{14}\,a_{16}^2}{233\,817\,362\,989\,056\,000} + \frac{7\,\pi^4\,a_{10}\,a_{14}\,a_{16}^2}{524\,288\,000} + \frac{222\,451\,385\,227\,a_{11}\,a_{14}\,a_{16}^2}{289\,488\,163\,700\,736\,000} + \\
 & \frac{3\,468\,884\,941\,\pi^2\,a_{11}\,a_{14}\,a_{16}^2}{60\,821\,755\,605\,811\,200} + \frac{68\,748\,722\,466\,973\,a_{14}^2\,a_{16}^2}{97\,702\,255\,248\,998\,400\,000} + \frac{317\,564\,198\,668\,523\,\pi^2\,a_{14}^2\,a_{16}^2}{2\,845\,089\,672\,850\,833\,408\,000} + \\
 & \frac{7\,\pi^4\,a_{14}^2\,a_{16}^2}{4\,529\,848\,320} + \frac{13\,400\,463\,413\,a_2\,a_{15}\,a_{16}^2}{1\,072\,708\,116\,480\,000} + \frac{431\,249\,713\,\pi^2\,a_2\,a_{15}\,a_{16}^2}{419\,548\,063\,334\,400} + \frac{19\,346\,953\,a_4\,a_{15}\,a_{16}^2}{11\,654\,112\,870\,400} + \\
 & \frac{\pi^2\,a_4\,a_{15}\,a_{16}^2}{292\,633\,889\,201} + \frac{a_6\,a_{15}\,a_{16}^2}{292\,633\,889\,201} + \frac{42\,397\,837\,\pi^2\,a_6\,a_{15}\,a_{16}^2}{24\,117\,248} + \frac{2\,569\,694\,549\,a_7\,a_{15}\,a_{16}^2}{6\,385\,768\,316\,928\,000} + \\
 & \frac{\pi^2\,a_7\,a_{15}\,a_{16}^2}{24\,117\,248} + \frac{222\,451\,385\,227\,a_{10}\,a_{15}\,a_{16}^2}{94\,398\,314\,250\,240\,000} + \frac{3\,468\,884\,941\,\pi^2\,a_{10}\,a_{15}\,a_{16}^2}{175\,447\,371\,939\,840} + \\
 & \frac{104\,857\,600}{289\,488\,163\,700\,736\,000} + \frac{2\,088\,816\,548\,867\,a_{11}\,a_{15}\,a_{16}^2}{452\,984\,832} + \frac{\pi^2\,a_{11}\,a_{15}\,a_{16}^2}{4\,130\,648\,710\,213\,061\,836\,800} + \frac{786\,082\,181\,159\,651\,a_{14}\,a_{15}\,a_{16}^2}{9\,873\,637\,027} + \\
 & \frac{21\,391\,651\,675\,570\,176\,000}{8\,869\,697\,201} + \frac{\pi^2\,a_{15}\,a_{16}^2}{8\,869\,697\,201} + \frac{9\,873\,637\,027\,a_3\,a_{16}^3}{21\,833\,450\,730\,291\,200} + \\
 & \frac{119\,283\,113\,\pi^2\,a_3\,a_{16}^3}{747\,994\,261\,487\,616\,000} + \frac{7\,\pi^4\,a_3\,a_{16}^3}{3\,820\,988\,011} + \frac{819\,854\,809\,\pi^2\,a_5\,a_{16}^3}{16\,542\,180\,782\,899\,200} + \\
 & \frac{116\,182\,540\,615\,680}{6\,293\,220\,950\,016\,000} + \frac{138\,845\,484\,931\,a_8\,a_{16}^3}{452\,455\,362\,067} + \frac{\pi^2\,a_8\,a_{16}^3}{7\,\pi^4\,a_8\,a_{16}^3} + \frac{654\,064\,370\,143\,a_9\,a_{16}^3}{104\,115\,787\,776\,000\,000} + \\
 & \frac{10\,088\,602\,231\,\pi^2\,a_9\,a_{16}^3}{29\,942\,800\,949\,887} + \frac{314\,253\,150\,557\,167\,\pi^2\,a_{12}\,a_{16}^3}{716\,827\,833\,925\,632\,000} + \frac{83\,744\,790\,213\,427\,200\,000}{4\,877\,296\,582\,030\,000\,128\,000} + \\
 & \frac{7\,\pi^4\,a_{12}\,a_{16}^3}{133\,914\,109\,106\,538\,991} + \frac{46\,418\,972\,783\,\pi^2\,a_{13}\,a_{16}^3}{2\,788\,187\,879\,393\,816\,739\,840\,000} + \\
 & \frac{6\,794\,772\,480}{2\,788\,187\,879\,393\,816\,739\,840\,000} + \frac{13\,949\,329\,966\,703\,a_{16}^4}{8\,869\,697\,201} + \frac{7\,\pi^4\,a_{16}^4}{116\,769\,423\,360} + \\
 & \frac{597\,707\,914\,464\,460\,800\,000}{2\,243\,982\,784\,462\,848\,000} + \frac{7\,\pi^4\,a_{16}^4}{116\,769\,423\,360}
 \end{aligned}$$