$$\frac{1/3i[34]^3\langle36\rangle^3\langle45\rangle s_{345}}{\langle12\rangle\langle16\rangle[35]\langle2|1+6|3]\langle3|4+5|3]^3}+$$

$$\frac{1/2i\langle25\rangle[34]^2\langle36\rangle^2\langle6|1+2|3]s_{345}}{\langle12\rangle\langle16\rangle[35]\langle2|1+6|3]^2\langle3|4+5|3]^2}+$$

$$\frac{1/2i[34]^3\langle36\rangle^2\langle45\rangle[45]\langle46\rangle}{\langle12\rangle\langle16\rangle[35]^2\langle2|1+6|3]\langle3|4+5|3]^2}+$$

$$\frac{[34]^2\langle36\rangle^2\langle45\rangle(-1/2i[14]\langle16\rangle-1/2i[24]\langle26\rangle+1/3i[34]\langle36\rangle)}{\langle12\rangle\langle16\rangle[35]\langle2|1+6|3]\langle3|4+5|3]^2}+$$

$$\frac{[34]^2(7/2i\langle12\rangle^3[12]\langle13]^3\langle16\rangle\langle36\rangle^2\dots\langle\!\langle182\,\mathrm{terms}\rangle\!\rangle\dots+1i[24]\langle26\rangle^4[26]\langle34\rangle[34]\langle36\rangle\langle46\rangle)}{\langle12\rangle\langle16\rangle[35]^2\langle2|1+6|3]^3\langle3|4+5|3]s_{345}}+$$

$$\frac{1i\langle23\rangle[34]^4\langle45\rangle[45]^2\langle46\rangle^3}{\langle12\rangle\langle16\rangle[35]^3\langle2|1+6|3]^2\langle3|4+5|3]s_{345}}+$$

$$\frac{-1/3i\langle36\rangle^3\langle45\rangle[46]^3s_{123}}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]\langle6|4+5|6]^3}+$$

$$\frac{\langle36\rangle^2\langle45\rangle[46]^2(-1i\langle12\rangle\langle13\rangle[14][26]\dots\langle\!\langle7\,\mathrm{terms}\rangle\!\rangle\dots+1/3i\langle16\rangle\langle23\rangle[26][46])}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]^2\langle6|4+5|6]^2}+$$

$$\frac{\langle36\rangle\langle45\rangle[46](-1i\langle12\rangle^2\langle13\rangle^2[14]^2[26]^2\dots\langle\!\langle39\,\mathrm{terms}\rangle\!\rangle\dots-1/3i\langle16\rangle^2\langle23\rangle^2[26]^2[46]^2)}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]^3\langle6|4+5|6]s_{123}}+$$

$$\frac{\langle13\rangle^2[46]^2\Omega_{624}(1/4i\langle14\rangle[14]\langle35\rangle+1/4i\langle15\rangle[15]\langle35\rangle+1/4i\langle23\rangle[24]\langle45\rangle+1/4i\langle35\rangle\langle45\rangle[45])}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]^3\Delta_{624}}+$$

$$\frac{1/3i\langle13\rangle^2\langle36\rangle\langle45\rangle^2\langle45\rangle[46]^3}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]^3s_{123}}+$$

$$\frac{-1/2i\langle13\rangle^2\langle36\rangle\langle45\rangle[46]^3}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]^3}+$$

$$\frac{\langle13\rangle^2[46]^2\langle6|2+3|1]\Omega_{624}(3/16i\langle12\rangle[12]\langle35\rangle+3/16i\langle13\rangle[13]\langle35\rangle+3/16i\langle23\rangle[23]\langle35\rangle+3/16i\langle23\rangle[24]\langle45\rangle)}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]^2\Delta_{624}^2}+$$

$$\frac{\langle13\rangle[46](-13/8i\langle12\rangle\langle13\rangle[13][14]\langle24\rangle\langle34\rangle\langle35\rangle\dots\langle\!\langle105\,\mathrm{terms}\rangle\!\rangle\dots-5/8i[24]\langle25\rangle\langle34\rangle\langle35\rangle^2[35][45])}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]^2\Delta_{624}}+$$

$$\frac{-1/2i\langle13\rangle\langle34\rangle\langle35\rangle[45][46]^2\langle56\rangle\dots\langle\!\langle9\,\mathrm{terms}\rangle\!\rangle\dots+1i\langle16\rangle\langle35\rangle^2\langle36\rangle[46]^2[56]}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]^2s_{123}}+$$

$$\frac{\langle13\rangle\langle35\rangle[46](-1/2i\langle13\rangle[14]+3/2i\langle23\rangle[24]-1i\langle35\rangle[45])}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]^2}+$$

$$\frac{\langle13\rangle^2[46]^2\langle6|2+3|1]^2\Omega_{624}(5/32i\langle12\rangle[12]\langle35\rangle+5/32i\langle13\rangle[13]\langle35\rangle+5/32i\langle23\rangle[23]\langle35\rangle+5/32i\langle23\rangle[24]\langle45\rangle)}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]\Delta_{624}^3}+$$

$$\frac{\langle13\rangle[46]\langle6|2+3|1](-1/8i\langle12\rangle\langle13\rangle\langle23\rangle[24]^2\langle34\rangle\langle35\rangle\dots\langle\!\langle29\,\mathrm{terms}\rangle\!\rangle\dots+1/16i\langle23\rangle^2[23][25][34]\langle35\rangle^2)}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]\Delta_{624}^2}+$$

$$\frac{\Pi_{624}(103/48i\langle12\rangle^2[12]^3\langle13\rangle[14]\langle15\rangle[24]\dots\langle\!\langle145\,\mathrm{terms}\rangle\!\rangle\dots+1/48i[24]^2\langle25\rangle^2[25]^2\langle35\rangle\langle45\rangle[45])}{\langle12\rangle[23][56]\langle1|2+3|6]\Delta_{624}^2}+$$

$$\frac{-21/8i\langle12\rangle\langle13\rangle[14]^2[24]\langle34\rangle\langle35\rangle\dots\langle\!\langle55\,\mathrm{terms}\rangle\!\rangle\dots+1/12i\langle35\rangle^3\langle45\rangle[45]^3}{\langle12\rangle\langle23\rangle[56]\langle1|2+3|6]\Delta_{624}}+$$

$$\frac{[24](-11/24i\langle12\rangle[12]^2\langle13\rangle[14]\langle15\rangle\dots\langle\!\langle36\,\mathrm{terms}\rangle\!\rangle\dots+1/12i[24]\langle25\rangle[25]\langle35\rangle\langle45\rangle[45])}{\langle12\rangle[23][56]\langle1|2+3|6]\Delta_{624}}+$$

$$\frac{[34]^2(5/2i\langle12\rangle^2[12]^2[13]\langle16\rangle\langle26\rangle^2\dots\langle\!\langle74\,\mathrm{terms}\rangle\!\rangle\dots-27/2i[24]\langle26\rangle^3\langle36\rangle[36]^2\langle46\rangle)}{\langle12\rangle\langle16\rangle[35]^2\langle2|1+6|3]^3s_{345}}+$$

$$\frac{[34]^2(-65/3i\langle12\rangle^2[12]^2\langle26\rangle^2\langle56\rangle\dots\langle\!\langle68\,\mathrm{terms}\rangle\!\rangle\dots+68/3i\langle26\rangle^3[26]\langle56\rangle^2[56])}{\langle12\rangle\langle16\rangle[35]\langle2|1+6|3]^3s_{345}}+$$

$$\frac{1/4i\langle25\rangle\langle26\rangle[34]\langle2|1+6|4]\langle6|2+3|1]\Omega_{246}}{\langle12\rangle\langle2|1+6|3]^3\langle2|1+6|5]\Delta_{624}}+$$

$$\frac{25/2i\langle23\rangle^2[23]\langle26\rangle[34]^2\langle56\rangle^2\dots\langle\!\langle24\,\mathrm{terms}\rangle\!\rangle\dots-11i\langle26\rangle^2[34]^2\langle35\rangle\langle45\rangle[45]\langle56\rangle}{\langle12\rangle\langle16\rangle\langle2|1+6|3]^3s_{345}}+$$

$$\frac{\langle26\rangle[34]\langle56\rangle(1i\langle12\rangle^2[12][13][14]\langle16\rangle\dots\langle\!\langle17\,\mathrm{terms}\rangle\!\rangle\dots-25/2i[23]\langle26\rangle^2\langle34\rangle[34][46])}{\langle12\rangle\langle16\rangle[23]\langle2|1+6|3]^3\langle2|1+6|5]}+$$

$$\frac{-1i\langle25\rangle[34]^3[45]^2\langle46\rangle^3}{\langle12\rangle\langle16\rangle[35]^3\langle2|1+6|3]^2s_{345}}+$$

$$\frac{7/2i\langle25\rangle[34]^2\langle36\rangle[45]\langle46\rangle\langle6|1+2|3]}{\langle12\rangle\langle16\rangle[35]^2\langle2|1+6|3]^2s_{345}}+$$

$$\frac{3/16i\langle25\rangle\langle26\rangle[34]\langle2|1+6|4]\langle3|1+6|2]\langle6|2+3|1]\Omega_{246}}{\langle12\rangle\langle2|1+6|3]^2\langle2|1+6|5]\Delta_{624}^2}+$$

$$\frac{\langle26\rangle[34](-2i\langle12\rangle\langle14\rangle^2[14]^2[15][24]\langle56\rangle^2\dots\langle\!\langle152\,\mathrm{terms}\rangle\!\rangle\dots-3/4i\langle15\rangle^2[16]^2\langle24\rangle[24][46]\langle56\rangle^2)}{\langle12\rangle\langle16\rangle[23]\langle2|1+6|3]^2\langle2|1+6|5]\Delta_{624}}+$$

$$\frac{\langle26\rangle[34](-11/4i\langle12\rangle^2[14][15][24]^2\langle45\rangle\langle46\rangle\langle56\rangle\dots\langle\!\langle392\,\mathrm{terms}\rangle\!\rangle\dots+13/4i[45]\langle56\rangle^5[56]^3)}{\langle12\rangle\langle16\rangle[23]\langle2|1+6|3]^2\langle2|1+6|5]\Delta_{624}}+$$

$$\frac{5/32i\langle25\rangle\langle26\rangle[34]\langle2|1+6|4]\langle3|1+6|2]^2\langle6|2+3|1]\Omega_{246}}{\langle12\rangle\langle2|1+6|3]\langle2|1+6|5]\Delta_{624}^3}+$$

$$\frac{\langle26\rangle[34](1/2i\langle23\rangle^4[23]^3[24][25]\langle56\rangle^2\dots\langle\!\langle133\,\mathrm{terms}\rangle\!\rangle\dots-1/16i[24]^3\langle26\rangle^2\langle34\rangle[34]\langle45\rangle^2[45])}{\langle12\rangle\langle16\rangle[23]\langle2|1+6|3]\langle2|1+6|5]\Delta_{624}^2}+$$

$$\frac{\langle26\rangle[34]\Pi_{246}(3/4i\langle23\rangle^3[23]^3[24]\langle36\rangle\langle56\rangle\dots\langle\!\langle126\,\mathrm{terms}\rangle\!\rangle\dots+1/48i[23][34]\langle35\rangle\langle36\rangle^2\langle45\rangle^2[45]^2)}{\langle12\rangle\langle16\rangle[23]\langle2|1+6|3]\langle2|1+6|5]\Delta_{624}^2}+$$

$$\frac{\langle26\rangle(-23/8i\langle12\rangle\langle14\rangle[14]^2[24]^2\langle46\rangle\langle56\rangle\dots\langle\!\langle196\,\mathrm{terms}\rangle\!\rangle\dots+37/12i[25][45][46]\langle56\rangle^4[56])}{\langle12\rangle\langle16\rangle[23]\langle2|1+6|3]\langle2|1+6|5]\Delta_{624}}+$$

$$\frac{1/4i[15]^3\langle34\rangle^2\langle3|1+6|5]\langle5|1+6|4]\Omega_{462}}{[16]\langle23\rangle[56]\langle2|1+6|5]\langle4|1+6|5]^3\Delta_{624}}+$$

$$\frac{3/16i[15]^3\langle34\rangle^2\langle3|1+6|5]\langle5|1+6|4]^2\Omega_{462}}{[16]\langle23\rangle[56]\langle2|1+6|5]\langle4|1+6|5]^2\Delta_{624}^2}+$$

$$\frac{[15]^2\langle34\rangle\langle3|1+6|5]\langle5|1+6|4](1/4i[12]\langle23\rangle\langle24\rangle[24]\dots\langle\!\langle9\,\mathrm{terms}\rangle\!\rangle\dots-5/8i[13]\langle34\rangle\langle35\rangle[45])}{[16]\langle23\rangle[56]\langle2|1+6|5]\langle4|1+6|5]^2\Delta_{624}}+$$

$$\frac{5/32i[15]^3\langle34\rangle^2\langle3|1+6|5]\langle5|1+6|4]^3\Omega_{462}}{[16]\langle23\rangle[56]\langle2|1+6|5]\langle4|1+6|5]\Delta_{624}^3}+$$

$$\frac{7/16i[15]^3\langle34\rangle^2\langle3|1+6|5]\langle5|1+6|4]^3}{[16]\langle23\rangle[56]\langle2|1+6|5]\langle4|1+6|5]\Delta_{624}^2}+$$

$$\frac{[15]^2\langle5|1+6|4]^2\Pi_{462}(-3/16i[12]\langle23\rangle[23][25]\langle34\rangle\dots\langle\!\langle4\,\mathrm{terms}\rangle\!\rangle\dots-1/48i[15][25]^2\langle35\rangle\langle45\rangle)}{[16][23][56]\langle2|1+6|5]\langle4|1+6|5]\Delta_{624}^2}+$$

$$\frac{[15]\langle5|1+6|4](-1/4i[12]^2\langle13\rangle[15]\langle23\rangle^2\dots\langle\!\langle9\,\mathrm{terms}\rangle\!\rangle\dots+1/12i[15]^2\langle34\rangle\langle35\rangle^2[45])}{[16]\langle23\rangle[56]\langle2|1+6|5]\langle4|1+6|5]\Delta_{624}}+$$

$$\frac{[15]\langle5|1+6|4](-1/4i\langle12\rangle[12]^3\langle23\rangle[25]\dots\langle\!\langle16\,\mathrm{terms}\rangle\!\rangle\dots+1/12i[15]^2[24][25]\langle35\rangle\langle45\rangle)}{[16][23][56]\langle2|1+6|5]\langle4|1+6|5]\Delta_{624}}+$$

$$\frac{\langle6|2+3|1](2245/16i\langle13\rangle^6[13]^4[14]^2\dots\langle\!\langle825\,\mathrm{terms}\rangle\!\rangle\dots+5/32i\langle34\rangle\langle35\rangle^4\langle45\rangle[34][35]^2[45]^3)}{\langle12\rangle[56]\langle2|1+6|5]\Delta_{624}^3}+$$

$$\frac{5/32i[14]^2[15]\langle34\rangle^2\langle3|1+6|5]\langle5|1+6|4]^2\Omega_{462}}{[16]\langle23\rangle[56]\langle2|1+6|5]\Delta_{624}^3}+$$

$$\frac{\langle36\rangle\Omega_{462}(25/32i\langle12\rangle^2[12]^2\langle13\rangle[14]^3\langle34\rangle\dots\langle\!\langle47\,\mathrm{terms}\rangle\!\rangle\dots-5/32i[13]^2\langle34\rangle\langle36\rangle^3[46]^3)}{\langle23\rangle[56]\langle2|1+6|5]\Delta_{624}^3}+$$

$$\frac{585/32i\langle12\rangle^3[12]^4\langle13\rangle[14][16][34]\langle36\rangle^2\dots\langle\!\langle2723\,\mathrm{terms}\rangle\!\rangle\dots-15/16i[16]^2[26][34]^2\langle36\rangle^5[36]\langle46\rangle[46]}{[56]\langle2|1+6|5]\Delta_{624}^3}+$$

$$\frac{101/48i\langle23\rangle^3[23]^3[24]^2\langle26\rangle\langle36\rangle\langle56\rangle\dots\langle\!\langle179\,\mathrm{terms}\rangle\!\rangle\dots-3/4i[24][34]^2\langle35\rangle^2\langle36\rangle^2[36][45]\langle46\rangle^2}{\langle12\rangle\langle16\rangle[23]\langle2|1+6|5]\Delta_{624}^2}+$$

$$\frac{35/12i\langle12\rangle^4[12]^5\langle13\rangle[14]^2\dots\langle\!\langle2569\,\mathrm{terms}\rangle\!\rangle\dots-3/32i[13][14][25]\langle35\rangle^2\langle45\rangle^3[45]^4}{\langle12\rangle[16][23][56]\langle2|1+6|5]\Delta_{624}^2}+$$

$$\frac{-13/24i\langle12\rangle^3[12]^2\langle13\rangle[14]^3\langle34\rangle\langle36\rangle\dots\langle\!\langle74\,\mathrm{terms}\rangle\!\rangle\dots-1/48i[16]\langle26\rangle\langle34\rangle[34]\langle36\rangle^4[36][46]^2}{\langle12\rangle\langle23\rangle[56]\langle2|1+6|5]\Delta_{624}^2}+$$

$$\frac{[14]\langle34\rangle^2[45](-3/16i[14]^2\langle24\rangle[24]^2\langle25\rangle\langle34\rangle\dots\langle\!\langle4\,\mathrm{terms}\rangle\!\rangle\dots-1/48i[13]^2\langle35\rangle^3[45]^2)}{[16]\langle23\rangle[56]\langle2|1+6|5]\Delta_{624}^2}$$