$$
C_{qq}^{(1)\,i1\_i2\_i3\_i4\_} \to \hbar \Big(\frac{1}{1296} \frac{1}{m_\oplus^2} \Big(-81\, s_\gamma^2\, c_\gamma^2\, \overline{y_d}^{i2p}\, \overline{y_d}^{i4r}\, y_d^{i1p}\, y_d^{i3r} + s_\gamma^2\, \overline{y_d}^{i4p} \Big(y_d^{i3p} \Big(162\, c_\gamma^2\, \overline{y_u}^{i2r}\, y_u^{i1r} + \big(5\, g_1^2 + 24\, g_3^2 \big)\, \delta_{i1i2} \Big) - 36\, g_3^2\, y_d^{i1p}\, \delta_{i2i3} \Big) - c_\gamma^2 \Big(\overline{y_u}^{i4p}\, y_u^{i3p} \big(13\, g_1^2 - 24\, g_3^2 \big)\, \delta_{i1i2} + 9\, y_u^{i1p} \big(9\, s_\gamma^2\, \overline{y_u}^{i2p}\, \overline{y_u}^{i4r}\, y_u^{i3r} + 4\, g_3^2\, \overline{y_u}^{i4p}\, \delta_{i2i3} \big) \Big) \Big) + \frac{1}{36}\, g_3^4 \big(3\, \delta_{i1i4}\, \delta_{i2i3} - 2\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{3,0}[m_3] + \frac{1}{24}\, g_3^4 \big(3\, \delta_{i1i4}\, \delta_{i2i3} - 2\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{4,-1}[m_3] + \frac{2}{45}\, g_3^4 \big(-3\, \delta_{i1i4}\, \delta_{i2i3} + 2\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{5,-2}[m_3] + \frac{1}{972} \sum_p \big(27\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + 2 \big(g_1^4 - 9\, g_3^4 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{3,0}\big[m_{\tilde{d}}^{\,p}\big] - \frac{5}{2592} \sum_p \big(27\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + 2 \big(g_1^4 - 9\, g_3^4 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{4,-1}\big[m_{\tilde{d}}^{\,p}\big] + \frac{1}{1215} \sum_p \big(27\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + 2 \big(g_1^4 - 9\, g_3^4 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{5,-2}\big[m_{\tilde{d}}^{\,p}\big] + \frac{1}{162} \sum_p g_1^4\, LF_{3,0}\big[m_{\tilde{e}}^{\,p}\big]\, \delta_{i1i2}\, \delta_{i3i4} - \frac{5}{432} \sum_p g_1^4\, LF_{4,-1}\big[m_{\tilde{e}}^{\,p}\big]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{2}{405} \sum_p g_1^4\, LF_{5,-2}\big[m_{\tilde{e}}^{\,p}\big]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{1}{324} \sum_p g_1^4\, LF_{3,0}\big[m_{\tilde{l}}^{\,p}\big]\, \delta_{i1i2}\, \delta_{i3i4} - \frac{5}{864} \sum_p g_1^4\, LF_{4,-1}\big[m_{\tilde{l}}^{\,p}\big]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{1}{405} \sum_p g_1^4\, LF_{5,-2}\big[m_{\tilde{l}}^{\,p}\big]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{1}{972} \sum_p \big(54\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + \big(g_1^4 - 36\, g_3^4 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{3,0}\big[m_{\tilde{q}}^{\,p}\big] - \frac{5}{2592} \sum_p \big(54\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + \big(g_1^4 - 36\, g_3^4 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{4,-1}\big[m_{\tilde{q}}^{\,p}\big] + \frac{1}{1215} \sum_p \big(54\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + \big(g_1^4 - 36\, g_3^4 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{5,-2}\big[m_{\tilde{q}}^{\,p}\big] + \frac{1}{972} \sum_p \big(27\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + 2 \big(4\, g_1^4 - 9\, g_3^4 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{3,0}\big[m_{\tilde{u}}^{\,p}\big] - \frac{5}{2592} \sum_p \big(27\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + 2 \big(4\, g_1^4 - 9\, g_3^4 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{4,-1}\big[m_{\tilde{u}}^{\,p}\big] + \frac{1}{1215} \sum_p \big(27\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + 2 \big(4\, g_1^4 - 9\, g_3^4 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{5,-2}\big[m_{\tilde{u}}^{\,p}\big] + \frac{1}{216} \Big(27\, s_\gamma^2\, c_\gamma^2\, \overline{y_d}^{i2p}\, \overline{y_d}^{i4r}\, y_d^{i1p}\, y_d^{i3r} + 2\, s_\gamma^2\, \overline{y_d}^{i4p} \Big(y_d^{i3p} \big(27\, c_\gamma^2\, \overline{y_u}^{i2r}\, y_u^{i1r} + 2 \big(g_1^2 + 3\, g_3^2 \big)\, \delta_{i1i2} \big) - 9\, g_3^2\, y_d^{i1p}\, \delta_{i2i3} \Big) + c_\gamma^2 \Big(4\, \overline{y_u}^{i4p}\, y_u^{i3p} \big(-2\, g_1^2 + 3\, g_3^2 \big)\, \delta_{i1i2} + 9\, y_u^{i1p} \big(3\, s_\gamma^2\, \overline{y_u}^{i2p}\, \overline{y_u}^{i4r}\, y_u^{i3r} - 2\, g_3^2\, \overline{y_u}^{i4p}\, \delta_{i2i3} \big) \Big) \Big)\, LF_{1,2}[m_\oplus] + \frac{1}{144} \Big(9\, s_\gamma^4\, \overline{y_d}^{i2p}\, \overline{y_d}^{i4r}\, y_d^{i1p}\, y_d^{i3r} + 9\, c_\gamma^4\, \overline{y_u}^{i2p}\, \overline{y_u}^{i4r}\, y_u^{i1p}\, y_u^{i3r} + 2\, g_1^2\, c_\gamma^2\, \overline{y_u}^{i4p}\, y_u^{i3p}\, \delta_{i1i2} - 2\, s_\gamma^2\, \overline{y_d}^{i4p}\, y_d^{i3p} \big(9\, c_\gamma^2\, \overline{y_u}^{i2r}\, y_u^{i1r} + g_1^2\, \delta_{i1i2} \big) \Big)\, LF_{2,1}[m_\oplus] + \frac{1}{648}\, g_1^2 \big(9\, s_\gamma^2\, \overline{y_d}^{i4p}\, y_d^{i3p} - 9\, c_\gamma^2\, \overline{y_u}^{i4p}\, y_u^{i3p} + 2\, g_1^2\, \delta_{i3i4} \big)\, LF_{3,0}[m_\oplus]\, \delta_{i1i2} - \frac{5}{864}\, g_1^4\, LF_{4,-1}[m_\oplus]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{1}{405}\, g_1^4\, LF_{5,-2}[m_\oplus]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{1}{324}\, g_1^4\, LF_{3,0}[\tilde{\mu}]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{1}{216}\, g_1^4\, LF_{4,-1}[\tilde{\mu}]\, \delta_{i1i2}\, \delta_{i3i4} - \frac{2}{405}\, g_1^4\, LF_{5,-2}[\tilde{\mu}]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{1}{3888}\, g_1^2 \big(9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} + \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{2,1,0}\big[m_1, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{3888}\, g_1^2 \big(9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} + \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{2,2,-1}\big[m_1, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{1944}\, g_1^2 \big(-9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} - \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{3,1,-1}\big[m_1, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{3888}\, g_1^2 \big(9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} + \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{4,1,-2}\big[m_1, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{144}\, g_2^2 \big(9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} + \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{2,1,0}\big[m_2, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{144}\, g_2^2 \big(9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} + \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{2,2,-1}\big[m_2, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{72}\, g_2^2 \big(-9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} - \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{3,1,-1}\big[m_2, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{144}\, g_2^2 \big(9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} + \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{4,1,-2}\big[m_2, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{648} \big(-9\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + 2\, g_3^2 \big(4\, g_1^2 + 3\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{2,1,0}\big[m_3, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{648} \big(-9\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + 2\, g_3^2 \big(4\, g_1^2 + 3\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{2,2,-1}\big[m_3, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{648} \big(-225\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + 2\, g_3^2 \big(-8\, g_1^2 + 75\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{3,1,-1}\big[m_3, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{81} \big(9\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + g_3^2 \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{4,1,-2}\big[m_3, m_{\tilde{q}}^{\,i4}\big] + \frac{1}{108}\, \overline{y_d}^{i4p} \big(2\, y_d^{i3p} \big(g_1^2 + 3\, g_3^2 \big)\, \delta_{i1i2} - 9\, g_3^2\, y_d^{i1p}\, \delta_{i2i3} \big)\, LF_{2,1,0}\big[m_{\tilde{d}}^{\,p}, \tilde{\mu}\big] + \frac{1}{216}\, \overline{y_d}^{i4p} \big(-2\, y_d^{i3p} \big(g_1^2 + 3\, g_3^2 \big)\, \delta_{i1i2} + 9\, g_3^2\, y_d^{i1p}\, \delta_{i2i3} \big)\, LF_{2,2,-1}\big[m_{\tilde{d}}^{\,p}, \tilde{\mu}\big] + \frac{1}{216}\, \overline{y_d}^{i4p} \big(-2\, y_d^{i3p} \big(g_1^2 + 3\, g_3^2 \big)\, \delta_{i1i2} + 9\, g_3^2\, y_d^{i1p}\, \delta_{i2i3} \big)\, LF_{3,1,-1}\big[m_{\tilde{d}}^{\,p}, \tilde{\mu}\big] + \frac{1}{1944}\, g_1^2 \big(-9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} - \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{2,1,0}\big[m_{\tilde{q}}^{\,i4}, m_1\big] + \frac{1}{3888}\, g_1^2 \big(9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} + \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{3,1,-1}\big[m_{\tilde{q}}^{\,i4}, m_1\big] + \frac{1}{72}\, g_2^2 \big(-9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} - \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{2,1,0}\big[m_{\tilde{q}}^{\,i4}, m_2\big] + \frac{1}{144}\, g_2^2 \big(9\, g_3^2\, \delta_{i1i4}\, \delta_{i2i3} + \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{3,1,-1}\big[m_{\tilde{q}}^{\,i4}, m_2\big] + \frac{1}{324} \big(9\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} - 2\, g_3^2 \big(4\, g_1^2 + 3\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{2,1,0}\big[m_{\tilde{q}}^{\,i4}, m_3\big] + \frac{1}{648} \big(-9\, g_3^4\, \delta_{i1i4}\, \delta_{i2i3} + 2\, g_3^2 \big(4\, g_1^2 + 3\, g_3^2 \big)\, \delta_{i1i2}\, \delta_{i3i4} \big)\, LF_{3,1,-1}\big[m_{\tilde{q}}^{\,i4}, m_3\big] + \frac{1}{108}\, \overline{y_u}^{i4p} \big(2\, y_u^{i3p} \big(-2\, g_1^2 + 3\, g_3^2 \big)\, \delta_{i1i2} - 9\, g_3^2\, y_u^{i1p}\, \delta_{i2i3} \big)\, LF_{2,1,0}\big[m_{\tilde{u}}^{\,p}, \tilde{\mu}\big] + \frac{1}{216}\, \overline{y_u}^{i4p} \big(2\, y_u^{i3p} \big(2\, g_1^2 - 3\, g_3^2 \big)\, \delta_{i1i2} + 9\, g_3^2\, y_u^{i1p}\, \delta_{i2i3} \big)\, LF_{2,2,-1}\big[m_{\tilde{u}}^{\,p}, \tilde{\mu}\big] + \frac{1}{216}\, \overline{y_u}^{i4p} \big(2\, y_u^{i3p} \big(2\, g_1^2 - 3\, g_3^2 \big)\, \delta_{i1i2} + 9\, g_3^2\, y_u^{i1p}\, \delta_{i2i3} \big)\, LF_{3,1,-1}\big[m_{\tilde{u}}^{\,p}, \tilde{\mu}\big] + \frac{1}{216}\, \overline{y_d}^{i4p} \big(-2\, y_d^{i3p} \big(g_1^2 + 3\, g_3^2 \big)\, \delta_{i1i2} + 9\, g_3^2\, y_d^{i1p}\, \delta_{i2i3} \big)\, LF_{2,1,0}\big[\tilde{\mu}, m_{\tilde{d}}^{\,p}\big] + \frac{1}{216}\, \overline{y_d}^{i4p} \big(y_d^{i3p} \big(-5\, g_1^2 + 12\, g_3^2 \big)\, \delta_{i1i2} - 18\, g_3^2\, y_d^{i1p}\, \delta_{i2i3} \big)\, LF_{3,1,-1}\big[\tilde{\mu}, m_{\tilde{d}}^{\,p}\big] + \frac{1}{216}\, \overline{y_d}^{i4p} \big(y_d^{i3p} \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2} + 9\, g_3^2\, y_d^{i1p}\, \delta_{i2i3} \big)\, LF_{4,1,-2}\big[\tilde{\mu}, m_{\tilde{d}}^{\,p}\big] + \frac{1}{216}\, \overline{y_u}^{i4p} \big(2\, y_u^{i3p} \big(2\, g_1^2 - 3\, g_3^2 \big)\, \delta_{i1i2} + 9\, g_3^2\, y_u^{i1p}\, \delta_{i2i3} \big)\, LF_{2,1,0}\big[\tilde{\mu}, m_{\tilde{u}}^{\,p}\big] + \frac{1}{216}\, \overline{y_u}^{i4p} \big(y_u^{i3p} \big(g_1^2 + 12\, g_3^2 \big)\, \delta_{i1i2} - 18\, g_3^2\, y_u^{i1p}\, \delta_{i2i3} \big)\, LF_{3,1,-1}\big[\tilde{\mu}, m_{\tilde{u}}^{\,p}\big] + \frac{1}{216}\, \overline{y_u}^{i4p} \big(y_u^{i3p} \big(g_1^2 - 6\, g_3^2 \big)\, \delta_{i1i2} + 9\, g_3^2\, y_u^{i1p}\, \delta_{i2i3} \big)\, LF_{4,1,-2}\big[\tilde{\mu}, m_{\tilde{u}}^{\,p}\big] + \frac{1}{2592}\, g_1^4\, LF_{2,1,1,-1}\big[m_1, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i2}\big]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{1}{1296}\, g_1^4\, m_1^2\, LF_{2,1,1,0}\big[m_1, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i2}\big]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{3}{32}\, g_2^4\, LF_{2,1,1,-1}\big[m_2, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i2}\big]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{3}{16}\, g_2^4\, m_2^2\, LF_{2,1,1,0}\big[m_2, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i2}\big]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{1}{72}\, g_3^4\, LF_{2,1,1,-1}\big[m_3, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i2}\big]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{5}{18}\, g_3^4\, m_3^2\, LF_{2,1,1,0}\big[m_3, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i2}\big]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{7}{48}\, g_3^4\, LF_{2,1,1,-1}\big[m_3, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i3}\big]\, \delta_{i1i4}\, \delta_{i2i3} - \frac{1}{12}\, g_3^4\, m_3^2\, LF_{2,1,1,0}\big[m_3, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i3}\big]\, \delta_{i1i4}\, \delta_{i2i3} + \frac{1}{4}\, \tilde{\mu}^2\, \overline{y_d}^{i4p}\, y_d^{i3p}\, \overline{y_u}^{i2r}\, y_u^{i1r}\, LF_{2,1,1,0}\big[\tilde{\mu}, m_{\tilde{d}}^{\,p}, m_{\tilde{u}}^{\,r}\big] + \frac{1}{16}\, \overline{y_d}^{i2p}\, \overline{y_d}^{i4r}\, y_d^{i1p}\, y_d^{i3r}\, LF_{2,1,1,-1}\big[\tilde{\mu}, m_{\tilde{d}}^{\,r}, m_{\tilde{d}}^{\,p}\big] + \frac{1}{16}\, \overline{y_u}^{i2p}\, \overline{y_u}^{i4r}\, y_u^{i1p}\, y_u^{i3r}\, LF_{2,1,1,-1}\big[\tilde{\mu}, m_{\tilde{u}}^{\,r}, m_{\tilde{u}}^{\,p}\big] - \frac{1}{216}\, g_1^2\, g_3^2\, LF_{1,1,1,1,-1}\big[m_1, m_3, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i2}\big]\, \delta_{i1i2}\, \delta_{i3i4} - \frac{1}{108}\, m_1\, m_3\, g_1^2\, g_3^2\, LF_{1,1,1,1,0}\big[m_1, m_3, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i2}\big]\, \delta_{i1i2}\, \delta_{i3i4} + \frac{1}{144}\, g_1^2\, g_3^2\, LF_{1,1,1,1,-1}\big[m_1, m_3, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i3}\big]\, \delta_{i1i4}\, \delta_{i2i3} + \frac{1}{72}\, m_1\, m_3\, g_1^2\, g_3^2\, LF_{1,1,1,1,0}\big[m_1, m_3, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i3}\big]\, \delta_{i1i4}\, \delta_{i2i3} + \frac{3}{16}\, g_2^2\, g_3^2\, LF_{1,1,1,1,-1}\big[m_2, m_3, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i3}\big]\, \delta_{i1i4}\, \delta_{i2i3} + \frac{3}{8}\, m_2\, m_3\, g_2^2\, g_3^2\, LF_{1,1,1,1,0}\big[m_2, m_3, m_{\tilde{q}}^{\,i4}, m_{\tilde{q}}^{\,i3}\big]\, \delta_{i1i4}\, \delta_{i2i3} \Big)
$$