$$
\begin{aligned}
\Psi_{193} &= C_1\left(|2dud\rangle - |d2du\rangle - |dud2\rangle + |ud2d\rangle\right) \\
&\quad + C_2\left(|2udd\rangle - |d2ud\rangle + |dd2u\rangle - |udd2\rangle\right) \\
&\quad + C_3\left(|2ddu\rangle - |ddu2\rangle + |du2d\rangle - |u2dd\rangle\right) \\
&\quad + C_4\left(-|022d\rangle + |22d0\rangle - |2d02\rangle + |d022\rangle\right) \\
&\quad + C_5\left(-|02d2\rangle + |202d\rangle + |2d20\rangle - |d202\rangle\right) \\
&\quad + C_6\left(|0d22\rangle - |20d2\rangle + |220d\rangle - |d220\rangle\right)
\end{aligned}
$$

$$
C_1 = \frac{\left(3 + i\sqrt{3}\right)\left(-2\,t - U + \sqrt{16\,t^2 + 4\,t\,U + U^2}\right)}{24\sqrt{3}\,t}
$$

$$
C_2 = \frac{\left(3 - i\sqrt{3}\right)\left(2\,t + U - \sqrt{16\,t^2 + 4\,t\,U + U^2}\right)}{24\sqrt{3}\,t}
$$

$$
C_3 = \frac{\frac{i}{12}\left(2\,t + U - \sqrt{16\,t^2 + 4\,t\,U + U^2}\right)}{t}
$$

$$
C_4 = \frac{-3\,i - \sqrt{3}}{12}
$$

$$
C_5 = \frac{3\,i - \sqrt{3}}{12}
$$

$$
C_6 = \frac{-1}{2\sqrt{3}}
$$