$$
\begin{aligned}
\Psi_{159} &= C_1 \left(|0d2d\rangle + |2d0d\rangle + i\,|d0d2\rangle + i\,|d2d0\rangle \right) \\
&\quad + C_2 \left(-|02dd\rangle + i\,|0dd2\rangle + |20dd\rangle - i\,|2dd0\rangle - i\,|d02d\rangle + i\,|d20d\rangle + |dd02\rangle - |dd20\rangle \right)
\end{aligned}
$$

$$
C_1 = \frac{1}{4} + \frac{i}{4}
$$

$$
C_2 = -\left(\frac{1}{4}\right)
$$