$$
\begin{aligned}
\Psi_{36} &= C_1\left(-|00dd\rangle + i\,|0dd0\rangle + i\,|d00d\rangle + |dd00\rangle\right) \\
&\quad + C_2\left(i\,|0d0d\rangle + |d0d0\rangle\right)
\end{aligned}
$$

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

$$
C_2 = \frac{i}{2}
$$