

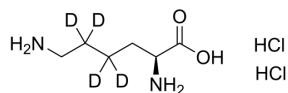
## L-Lysine-d<sub>4</sub> (dihydrochloride)

Cat. No.: HY-W009762S2  
CAS No.: 203633-22-1  
Batch No.: 271475  
Chemical Name: L-Lysine-4,4,5,5-d<sub>4</sub>, hydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>6</sub>H<sub>12</sub>D<sub>4</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
Molecular Weight: 223.13  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (NMR): ≥98.0%  
Isotopic Enrichment: 96.57%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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