

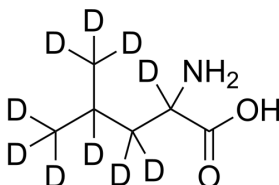
## (±)-Leucine-d<sub>10</sub>

Cat. No.: HY-B1674S  
 CAS No.: 29909-01-1  
 Batch No.: 212105  
 Chemical Name: Leucine-2,3,3,4,5,5,5,5',5',5'-d<sub>10</sub>

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>6</sub>H<sub>3</sub>D<sub>10</sub>NO<sub>2</sub>  
 Molecular Weight: 141.23  
 Storage: Powder      -20°C    3 years  
                                   4°C      2 years  
                                   In solvent   -80°C   6 months  
   -20°C   1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 Purity (NMR): ≥98.0%  
 Isotopic Enrichment: 97.61%  
 Additional Information: d<sub>10</sub>=78.3%, d<sub>9</sub>=19.6%, d<sub>8</sub>=2.0%, d<sub>7</sub>=0.1%  
 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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