

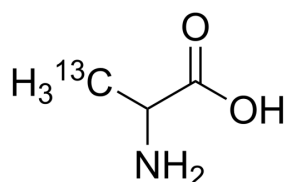
## DL-Alanine-<sup>13</sup>C-3

Cat. No.: HY-N2362S1  
CAS No.: 131157-42-1  
Batch No.: 319126  
Chemical Name: Alanine-13C-3

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>2</sub><sup>13</sup>CH<sub>7</sub>NO<sub>2</sub>  
Molecular Weight: 90.09  
Storage: 4°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### 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: 99.0%  
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA