

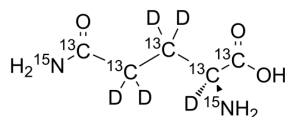
## L-Glutamine- $^{13}\text{C}_5$ , $^{15}\text{N}_2$ , $\text{d}_5$

Cat. No.: HY-N0390S3  
 CAS No.: 2123439-02-9  
 Batch No.: 318023  
 Chemical Name: L-Glutamine- $^{13}\text{C}_5$ ,  $^{15}\text{N}_2$ ,  $\text{d}_5$

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $^{13}\text{C}_5\text{H}_5\text{D}_5^{15}\text{N}_2\text{O}_3$   
 Molecular Weight: 158.13  
 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)  
 Purity (HPLC): 99.91%  
 Isotopic Enrichment: 98.0%  
 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