

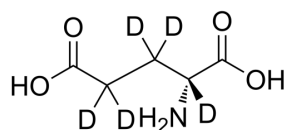
## D-Glutamic acid-d<sub>5</sub>

Cat. No.: HY-100805S  
CAS No.: 14341-88-9  
Batch No.: 256226  
Chemical Name: D-Glutamic-2,3,3,4,4-d<sub>5</sub> acid

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>5</sub>H<sub>4</sub>D<sub>5</sub>NO<sub>4</sub>  
Molecular Weight: 152.16  
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 (HPLC): 99.75%  
Isotopic Enrichment: 98.88%  
General description: This batch contains 50% R configuration  
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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