

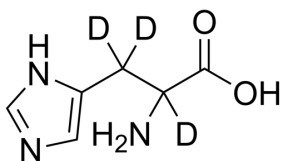
## DL-Histidine-d<sub>3</sub>

Cat. No.: HY-W010209S2  
CAS No.: 344299-50-9  
Batch No.: 237074  
Chemical Name: Histidine- $\alpha,\beta,\beta$ -d<sub>3</sub>

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>6</sub>H<sub>6</sub>D<sub>3</sub>N<sub>3</sub>O<sub>2</sub>  
Molecular Weight: 158.17  
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: Off-white to light brown (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (NMR): ≥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.**

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