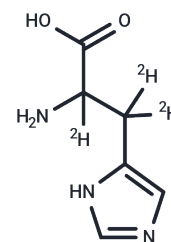


DL-Histidine-D3

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 344299-50-9 |
| Formula: | C ₆ H ₆ D ₃ N ₃ O ₂ |
| Molecular Weight: | 158.17 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|-------------|--|
| Description | DL-Histidine-D3 is a deuterated compound of DL-Histidine. DL-Histidine (T66788) has a CAS number of 4998-57-6. |
|-------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 6.3223 mL | 31.6116 mL | 63.2231 mL |
| 5 mM | 1.2645 mL | 6.3223 mL | 12.6446 mL |
| 10 mM | 0.6322 mL | 3.1612 mL | 6.3223 mL |
| 50 mM | 0.1264 mL | 0.6322 mL | 1.2645 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ball SE, et al. Br J Clin Pharmacol, 1997, 43(6), 619-626.

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