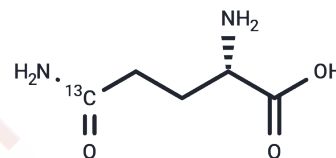


L-Glutamine-5-13C

Chemical Properties

CAS No. : 159680-32-7
 Formula: C₅H₁₀N₂O₃
 Molecular Weight: 147.14
 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 | L-Glutamine-5-13C is L-Glutamine (T0326L) labeled with 13C. L-Glutamine (T0326L) (L-Glutamic acid 5-amide) is a non-essential amino acid abundantly found in the human body and involved in various metabolic processes. It serves as a carbon source for oxidation in certain cells. |
| Targets(IC50) | Ferroptosis,Endogenous Metabolite,GluR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 6.7962 mL | 33.9812 mL | 67.9625 mL |
| 5 mM | 1.3592 mL | 6.7962 mL | 13.5925 mL |
| 10 mM | 0.6796 mL | 3.3981 mL | 6.7962 mL |
| 50 mM | 0.1359 mL | 0.6796 mL | 1.3592 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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