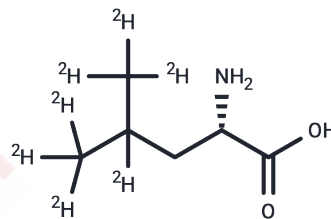


L-Leucine-D7

Chemical Properties

CAS No. : 92751-17-2
 Formula: C₆H₁₃NO₂
 Molecular Weight: 138.22
 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-Leucine-D7 is the deuterated form of L-Leucine. L-Leucine (T3O2749) is an essential branched-chain amino acid (BCAA) known to activate the mTOR signaling pathway. |
| Targets(IC50) | Endogenous Metabolite,mTOR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 7.2348 mL | 36.1742 mL | 72.3484 mL |
| 5 mM | 1.447 mL | 7.2348 mL | 14.4697 mL |
| 10 mM | 0.7235 mL | 3.6174 mL | 7.2348 mL |
| 50 mM | 0.1447 mL | 0.7235 mL | 1.447 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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