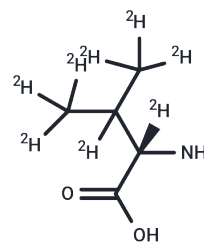


L-Valine-D8

Chemical Properties

CAS No. :	35045-72-8
Formula:	C ₅ H ₃ D ₈ NO ₂
Molecular Weight:	125.2
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-Valine-D8 is a deuterated compound of L-Valine. L-Valine (T202776) has a CAS number of 72-18-4. A branched-chain essential amino acid that has stimulant activity. It promotes muscle growth and tissue repair. It is a precursor in the penicillin biosynthetic pathway.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.9872 mL	39.9361 mL	79.8722 mL
5 mM	1.5974 mL	7.9872 mL	15.9744 mL
10 mM	0.7987 mL	3.9936 mL	7.9872 mL
50 mM	0.1597 mL	0.7987 mL	1.5974 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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