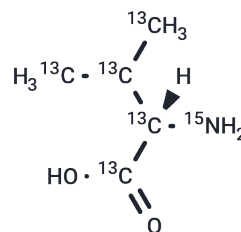


## L-Valine-13C5-15N

## Chemical Properties

CAS No. :	202407-30-5
Formula:	$^{13}\text{C}_4\text{D}_0\text{H}_{11}\text{N}_2\text{O}_2$
Molecular Weight:	123.1
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-13C5-15N is the $^{13}\text{C}$ and $^{15}\text{N}$ labeled 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.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.1235 mL	40.6174 mL	81.2348 mL
5 mM	1.6247 mL	8.1235 mL	16.247 mL
10 mM	0.8123 mL	4.0617 mL	8.1235 mL
50 mM	0.1625 mL	0.8123 mL	1.6247 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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