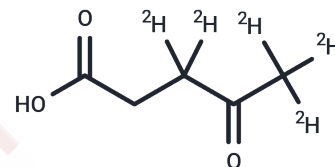


Levulinic-D5 Acid

Chemical Properties

CAS No. : 1206185-52-5
 Formula: C₅H₃D₅O₃
 Molecular Weight: 121.15
 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	Levulinic-D5 Acid is a deuterated compound of Levulinic Acid. Levulinic Acid (T5551) has a CAS number of 123-76-2. Levulinic acid, derived from the degradation of cellulose, is a precursor for the synthesis of biofuels, such as ethyl levulinate.
Targets(IC50)	Endogenous Metabolite, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.2542 mL	41.2712 mL	82.5423 mL
5 mM	1.6508 mL	8.2542 mL	16.5085 mL
10 mM	0.8254 mL	4.1271 mL	8.2542 mL
50 mM	0.1651 mL	0.8254 mL	1.6508 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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