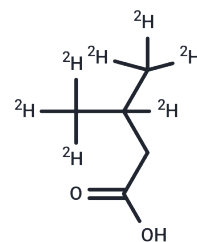


3-Methyl-D3-butyric-3,4,4,4-D4 Acid

Chemical Properties

CAS No. :	1219805-32-9
Formula:	C ₅ H ₃ D ₇ O ₂
Molecular Weight:	109.17
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	3-Methyl-D3-butyric-3,4,4,4-D4 Acid is a deuterated compound of 3-Methyl-butyric Acid. 3-Methyl-butyric Acid (T5609) has a CAS number of 503-74-2. 3-Methylbutanoic acid is a naturally occurring aroma compound found in Bartlett pear brandies, vanilla beans, rape-honey, and banana.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.160 mL	45.8001 mL	91.6003 mL
5 mM	1.832 mL	9.160 mL	18.3201 mL
10 mM	0.916 mL	4.580 mL	9.160 mL
50 mM	0.1832 mL	0.916 mL	1.832 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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