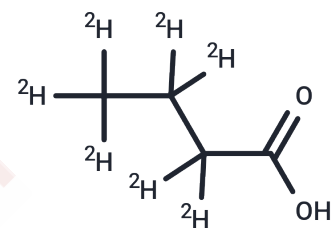


Butyricacid-D7

Chemical Properties

CAS No. :	73607-83-7
Formula:	C4D7H1O2
Molecular Weight:	95.15
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	Butyricacid-D7 is a deuterated compound of Butyricacid. Butyricacid has a CAS number of 107-92-6. Butyric acid is a fatty acid isolated from many dairy products that exhibits anticancer activity. Butyric acid inhibits histone deacetylases (HDACs) and induces apoptosis and G1 phase cell cycle arrest in glioma cells. Additionally, butyric acid stimulates epithelial cell proliferation at low doses and inhibits proliferation at high doses.
Targets(IC50)	Endogenous Metabolite,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.5097 mL	52.5486 mL	105.0972 mL
5 mM	2.1019 mL	10.5097 mL	21.0194 mL
10 mM	1.051 mL	5.2549 mL	10.5097 mL
50 mM	0.2102 mL	1.051 mL	2.1019 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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