

Sodium butyrate-d5

Chemical Properties

CAS No. :	204244-79-1
Formula:	C ₄ H ₉ NaO ₂
Molecular Weight:	117.13
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	Sodium butyrate-d5 (Butanoic acid-d5 sodium) is the deuterium-labeled form of sodium butyrate. Sodium butyrate (Butanoic acid sodium salt) acts as an HDAC inhibitor and has anti-tumor properties.
Targets(IC50)	Apoptosis,Endogenous Metabolite,HDAC,Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.5375 mL	42.6876 mL	85.3752 mL
5 mM	1.7075 mL	8.5375 mL	17.075 mL
10 mM	0.8538 mL	4.2688 mL	8.5375 mL
50 mM	0.1708 mL	0.8538 mL	1.7075 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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