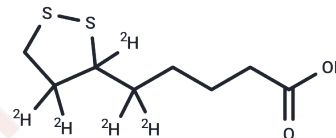


α -Lipoic Acid-D5

Chemical Properties

CAS No. : 1189471-66-6
 Formula: C₈H₁₄O₂S₂
 Molecular Weight: 211.36
 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	α -Lipoic Acid-D5 is the deuterated form of α -Lipoic Acid. It serves as a significant antioxidant and an essential cofactor in mitochondrial enzyme complexes. α -Lipoic Acid (T0200) has the ability to inhibit NF- κ B-dependent HIV-1LTR activation and induces apoptosis in liver cancer cells (apoptosis) mediated by endoplasmic reticulum stress (ERS).
Targets(IC50)	Apoptosis,NF- κ B,HIV Protease,Mitochondrial Metabolism,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7313 mL	23.6563 mL	47.3126 mL
5 mM	0.9463 mL	4.7313 mL	9.4625 mL
10 mM	0.4731 mL	2.3656 mL	4.7313 mL
50 mM	0.0946 mL	0.4731 mL	0.9463 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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