

α -Lipoic acid-NHS

Chemical Properties

CAS No. : 40846-94-4

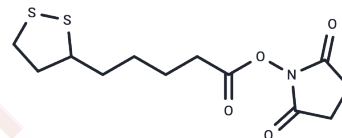
Formula: C₁₂H₁₇NO₄S₂

Molecular Weight: 303.4

Keep away from direct sunlight

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-NHS is an alkyl/ether-based PROTAC linker used in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, which comprise two distinct ligands linked together—one binding to an E3 ubiquitin ligase and the other to a target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.296 mL	16.4799 mL	32.9598 mL
5 mM	0.6592 mL	3.296 mL	6.592 mL
10 mM	0.3296 mL	1.648 mL	3.296 mL
50 mM	0.0659 mL	0.3296 mL	0.6592 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.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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