

6-Maleimidocaproic acid sulfo-NHS

Chemical Properties

CAS No. : 103848-61-9

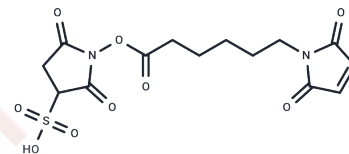
Formula: C₁₄H₁₆N₂O₉S

Molecular Weight: 388.35

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	6-Maleimidocaproic acid sulfo-NHS serves as an alkyl/ether-based PROTAC linker, facilitating the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, or proteolysis-targeting chimeras, are composed of two distinct ligands joined by a linker. One of these ligands binds to a specific protein target, while the other binds to an E3 ubiquitin ligase. When the PROTAC binds to both the target protein and the E3 ligase, it triggers the ubiquitin-proteasome system within cells to degrade the target protein, thereby providing a mechanism for targeted protein degradation.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.575 mL	12.875 mL	25.750 mL
5 mM	0.515 mL	2.575 mL	5.150 mL
10 mM	0.2575 mL	1.2875 mL	2.575 mL
50 mM	0.0515 mL	0.2575 mL	0.515 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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