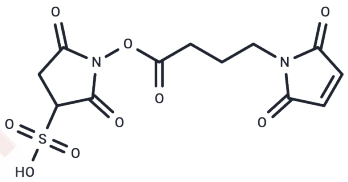
Data Sheet (Cat.No.T39055)

TargetMol

Mal-amino-sulfo

Chemical Properties



CAS No. : 158018-81-6

Formula: C12H12N2O9S

Molecular Weight: 360.29

Storage: Keep away from direct sunlight
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	Mal-amino-sulfo is a alkyl/ether-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs feature two distinct ligands linked together: one targets an E3 ubiquitin ligase, while the other targets the protein of interest. They harness the intracellular ubiquitin-proteasome system to specifically degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7755 mL	13.8777 mL	27.7554 mL
5 mM	0.5551 mL	2.7755 mL	5.5511 mL
10 mM	0.2776 mL	1.3878 mL	2.7755 mL
50 mM	0.0555 mL	0.2776 mL	0.5551 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.

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