

Mal-PEG5-NHS ester

Chemical Properties

CAS No. : 1807537-42-3

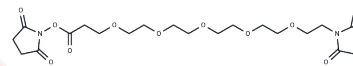
Formula: C₂₁H₃₀N₂O₁₁

Molecular Weight: 486.47

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	Mal-PEG5-NHS ester, an alkyl/ether and PEG-based PROTAC linker, is utilized for the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase and the other targets a specific protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0556 mL	10.2781 mL	20.5563 mL
5 mM	0.4111 mL	2.0556 mL	4.1113 mL
10 mM	0.2056 mL	1.0278 mL	2.0556 mL
50 mM	0.0411 mL	0.2056 mL	0.4111 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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