

Mal-PEG4-NH-Boc

Chemical Properties

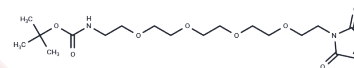
CAS No. : 2517592-97-9

Formula: C₁₉H₃₂N₂O₈

Molecular Weight: 416.466

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-PEG4-NH-Boc is a PEG linker that includes a maleimide group and a Boc-protected amine group. The hydrophilic PEG spacer enhances its solubility in aqueous media. The protected amine can be deprotected under acidic conditions. The maleimide group reacts with thiol groups to form covalent bonds.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4011 mL	12.0057 mL	24.0113 mL
5 mM	0.4802 mL	2.4011 mL	4.8023 mL
10 mM	0.2401 mL	1.2006 mL	2.4011 mL
50 mM	0.048 mL	0.2401 mL	0.4802 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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