

Mal-PEG4-amine

Chemical Properties

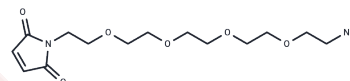
CAS No. : 2221042-92-6

Formula: C₁₄H₂₄N₂O₆

Molecular Weight: 316.35

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-amine, a PEG linker containing a maleimide group and an amine group, features a hydrophilic PEG spacer that enhances its solubility in aqueous media. The amine group can react with carboxylic acids, activated NHS esters, and carbonyls (ketones, aldehydes). The maleimide group reacts with thiol groups to form covalent bonds, enabling the conjugation of biomolecules with thiols.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1611 mL	15.8053 mL	31.6106 mL
5 mM	0.6322 mL	3.1611 mL	6.3221 mL
10 mM	0.3161 mL	1.5805 mL	3.1611 mL
50 mM	0.0632 mL	0.3161 mL	0.6322 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.

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