

3,4-Dibromo-Mal-PEG4-Acid

Chemical Properties

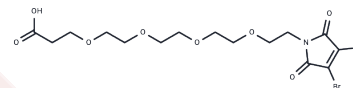
CAS No. : 2434639-17-3

Formula: C₁₅H₂₁Br₂N₂O₈

Molecular Weight: 503.137

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	3,4-Dibromo-Mal-PEG4-Acid is a site-specific ADC linker featuring a dibromomaleimide group and an acid group. The presence of two bromine atoms in the dibromomaleimide group allows for two substitution points. In the presence of EDC and HATU, the carboxylic acid can react with primary amines to form stable amide bonds. The hydrophilic PEG linker enhances the compound's solubility in aqueous media.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9875 mL	9.9376 mL	19.8752 mL
5 mM	0.3975 mL	1.9875 mL	3.975 mL
10 mM	0.1988 mL	0.9938 mL	1.9875 mL
50 mM	0.0398 mL	0.1988 mL	0.3975 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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