

Maleimide-PEG4-NHS

Chemical Properties

CAS No. : 1286754-10-6

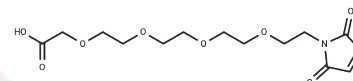
Formula: C₁₄H₂₁N₃O₈

Molecular Weight: 331.321

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	Maleimide-PEG4-NHS is a sulfhydryl and amine reactive heterofunctional PEG linker. The chemical bonds formed through Maleimide-PEG4-NHS linker are stable and are not cleavable. The NHS ester reacts with amino groups at pH 7-9 to form stable amide bond while maleimide reacts with thiol groups at pH 6.5-7.5 to form stable thiol-ether bond.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0182 mL	15.0912 mL	30.1823 mL
5 mM	0.6036 mL	3.0182 mL	6.0365 mL
10 mM	0.3018 mL	1.5091 mL	3.0182 mL
50 mM	0.0604 mL	0.3018 mL	0.6036 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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