

## Mal-PEG5-NH-Boc

## Chemical Properties

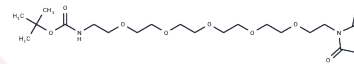
CAS No. : 2170654-72-3

Formula: C<sub>21</sub>H<sub>36</sub>N<sub>2</sub>O<sub>9</sub>

Molecular Weight: 460.518

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

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1715 mL	10.8573 mL	21.7146 mL
5 mM	0.4343 mL	2.1715 mL	4.3429 mL
10 mM	0.2171 mL	1.0857 mL	2.1715 mL
50 mM	0.0434 mL	0.2171 mL	0.4343 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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