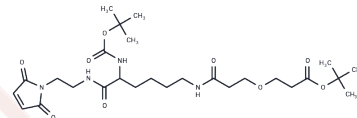


## N-Boc-N'-(PEG1-t-butyl ester)-L-Lysine-amido-Mal

## Chemical Properties

CAS No. : 2665661-79-8  
 Formula: C<sub>27</sub>H<sub>44</sub>N<sub>4</sub>O<sub>9</sub>  
 Molecular Weight: 568.66  
 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	N-Boc-N'-(PEG1-t-butyl ester)-L-Lysine-amido-Mal is a lysine amino acid derivative with a maleimide group at the C-terminus. The $\alpha$ -amino group is protected by a Boc group, and the $\epsilon$ -amino group is capped with an amide-PEG1-t-butyl ester. The maleimide group is a thiol-reactive covalent moiety for attaching to cysteine residues, while the Boc and t-butyl ester groups can be deprotected for subsequent reactions.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7585 mL	8.7926 mL	17.5852 mL
5 mM	0.3517 mL	1.7585 mL	3.517 mL
10 mM	0.1759 mL	0.8793 mL	1.7585 mL
50 mM	0.0352 mL	0.1759 mL	0.3517 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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