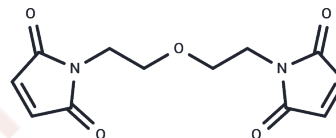


## Mal-PEG1-Mal

## Chemical Properties

CAS No. :	123687-40-1
Formula:	C <sub>12</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	264.23
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-PEG1-Mal is a PEG derivative featuring maleimide (Maleimide) groups on both ends. The maleimide (Maleimide) group is a functional group capable of reacting with thiol (-SH) groups through a Michael addition reaction, which is useful for bioconjugation.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7846 mL	18.9229 mL	37.8458 mL
5 mM	0.7569 mL	3.7846 mL	7.5692 mL
10 mM	0.3785 mL	1.8923 mL	3.7846 mL
50 mM	0.0757 mL	0.3785 mL	0.7569 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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