

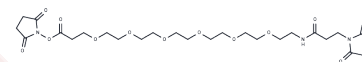
## Mal-amido-PEG6-NHS ester

## Chemical Properties

CAS No. : 1137109-21-7

Formula: C<sub>26</sub>H<sub>39</sub>N<sub>3</sub>O<sub>13</sub>

Molecular Weight: 601.6



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	Mal-amido-PEG6-NHS ester, a polyethylene glycol (PEG)-based linker, is specifically designed for the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6622 mL	8.3112 mL	16.6223 mL
5 mM	0.3324 mL	1.6622 mL	3.3245 mL
10 mM	0.1662 mL	0.8311 mL	1.6622 mL
50 mM	0.0332 mL	0.1662 mL	0.3324 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.

## Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

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