

## Mal-amido-PEG4-NHS ester

## Chemical Properties

CAS No. : 756525-99-2

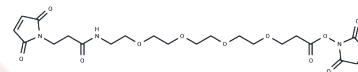
Formula: C<sub>22</sub>H<sub>31</sub>N<sub>3</sub>O<sub>11</sub>

Molecular Weight: 513.49

Keep away from direct sunlight

Storage: Pure form: -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-PEG4-NHS ester is a PEG-based PROTAC linker suitable for use in PROTAC synthesis [1].
Targets(IC50)	PROTAC Linker
In vitro	PROTACs, comprising two ligands linked together—one for an E3 ubiquitin ligase and the other for the target protein—leverages the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9475 mL	9.7373 mL	19.4746 mL
5 mM	0.3895 mL	1.9475 mL	3.8949 mL
10 mM	0.1947 mL	0.9737 mL	1.9475 mL
50 mM	0.0389 mL	0.1947 mL	0.3895 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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