

## Mal-PEG5-C2-NH2 hydrochloride

## Chemical Properties

CAS No. : 2454216-21-6

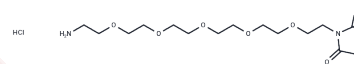
Formula: C<sub>16</sub>H<sub>29</sub>ClN<sub>2</sub>O<sub>7</sub>

Molecular Weight: 396.87

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-PEG5-C2-NH2 hydrochloride is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis targeting chimeras (PROTACs).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5197 mL	12.5986 mL	25.1972 mL
5 mM	0.5039 mL	2.5197 mL	5.0394 mL
10 mM	0.252 mL	1.2599 mL	2.5197 mL
50 mM	0.0504 mL	0.252 mL	0.5039 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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