

## 3-Maleimidopropionic acid

## Chemical Properties

CAS No. : 7423-55-4

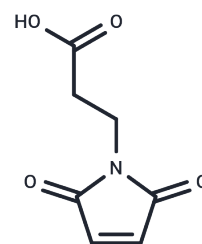
Formula: C<sub>7</sub>H<sub>7</sub>NO<sub>4</sub>

Molecular Weight: 169.13

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	3-Maleimidopropionic acid, an alkyl chain-derived PROTAC linker, is used in PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one for an E3 ubiquitin ligase and the other for the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9126 mL	29.5631 mL	59.1261 mL
5 mM	1.1825 mL	5.9126 mL	11.8252 mL
10 mM	0.5913 mL	2.9563 mL	5.9126 mL
50 mM	0.1183 mL	0.5913 mL	1.1825 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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