

## 11-Maleimidoundecanoic acid

## Chemical Properties

CAS No. : 57079-01-3

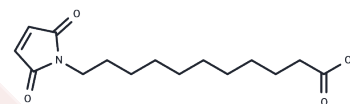
Formula: C<sub>15</sub>H<sub>23</sub>NO<sub>4</sub>

Molecular Weight: 281.35

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	11-Maleimidoundecanoic acid is an alkyl chain-based PROTAC linker used in PROTAC synthesis (PROTAC is an acronym for [PROteolysis-TARgeting Chimera]).
Targets(IC50)	PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: 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	3.5543 mL	17.7715 mL	35.5429 mL
5 mM	0.7109 mL	3.5543 mL	7.1086 mL
10 mM	0.3554 mL	1.7771 mL	3.5543 mL
50 mM	0.0711 mL	0.3554 mL	0.7109 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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