

## Maleimide-C10-NHS ester

## Chemical Properties

CAS No. : 87981-04-2

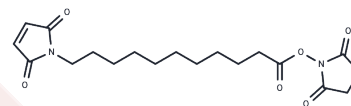
Formula: C<sub>19</sub>H<sub>26</sub>N<sub>2</sub>O<sub>6</sub>

Molecular Weight: 378.42

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	Maleimide-C10-NHS ester is an alkyl/ether-based linker utilized in PROTAC synthesis.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are bifunctional molecules with two ligands connected by a linker: one ligand 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	2.6426 mL	13.2128 mL	26.4257 mL
5 mM	0.5285 mL	2.6426 mL	5.2851 mL
10 mM	0.2643 mL	1.3213 mL	2.6426 mL
50 mM	0.0529 mL	0.2643 mL	0.5285 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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