

## GMBS

## Chemical Properties

CAS No. : 80307-12-6

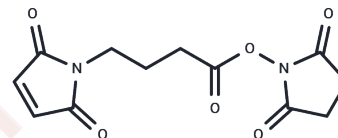
Formula: C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub>

Molecular Weight: 280.23

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	GMBS, a heterobifunctional cross-linker, possesses an N-hydroxysuccinimide (NHS) ester at one end and a maleimide group at the other. It is commonly used in bioconjugation to link amines and sulfhydryls [thiols], forming stable amide and thioether bonds, respectively, which are useful in creating protein and peptide conjugates.
Targets(IC50)	Others,PROTAC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5685 mL	17.8425 mL	35.685 mL
5 mM	0.7137 mL	3.5685 mL	7.137 mL
10 mM	0.3568 mL	1.7842 mL	3.5685 mL
50 mM	0.0714 mL	0.3568 mL	0.7137 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

Ding YH, et al. Increasing the Depth of Mass-Spectrometry-Based Structural Analysis of Protein Complexes through the Use of Multiple Cross-Linkers. Anal Chem. 2016 Apr 19;88(8):4461-9.

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