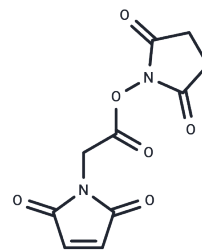


## AMAS

## Chemical Properties

CAS No. :	55750-61-3
Formula:	C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	252.18
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	AMAS is a non-cleavable heterobifunctional crosslinker with NHS ester and maleimide groups that enables covalent conjugation of amine- and sulfhydryl-containing molecules.
Targets(IC50)	ADC Linker, PROTAC Linker

## Solubility Information

Solubility	DMSO: 30 mg/mL (118.96 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (7.93 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9654 mL	19.8271 mL	39.6542 mL
5 mM	0.7931 mL	3.9654 mL	7.9308 mL
10 mM	0.3965 mL	1.9827 mL	3.9654 mL
50 mM	0.0793 mL	0.3965 mL	0.7931 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

Borowiec M L . AMAS: a fast tool for alignment manipulation and computing of summary statistics[J]. Peerj, 2016, 4 (1).

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