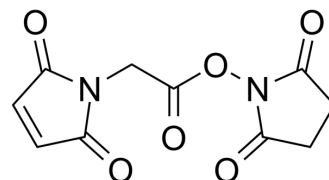


## AMAS

<b>Cat. No.:</b>	HY-128925		
<b>CAS No.:</b>	55750-61-3		
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> O <sub>6</sub>		
<b>Molecular Weight:</b>	252.18		
<b>Target:</b>	ADC Linker		
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related		
<b>Storage:</b>	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 100 mg/mL (396.54 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (9.91 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (9.91 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (9.91 mM); Clear solution

## BIOLOGICAL ACTIVITY

### Description

AMAS is a noncleavable heterobifunctional crosslinker with NHS ester and maleimide groups that allows covalent conjugation of amine- and sulfhydryl-containing molecules.

### IC<sub>50</sub> & Target

Non-cleavable

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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