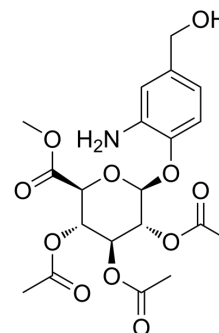


## MAC glucuronide linker-2

Cat. No.:	HY-44222
CAS No.:	229977-57-5
Molecular Formula:	C <sub>20</sub> H <sub>25</sub> NO <sub>11</sub>
Molecular Weight:	455.41
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (219.58 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	2.1958 mL	10.9791 mL	21.9582 mL
		5 mM	0.4392 mL	2.1958 mL	4.3916 mL
	10 mM	0.2196 mL	1.0979 mL	2.1958 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 5 mg/mL (10.98 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (10.98 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (10.98 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	MAC glucuronide linker-2 is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> .	
IC <sub>50</sub> & Target	Cleavable Linker	Glycosidase Cleavable Linker

### REFERENCES

[1]. Robert A, et al. Compounds, compositions, and methods for treatment of diseases involving acidic or hypoxic diseased tissues. WO2019136298A1.

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

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