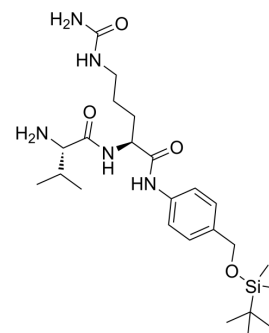


Val-Cit-PAB-OSBT

Cat. No.:	HY-78736
CAS No.:	2210262-26-1
Molecular Formula:	C ₂₄ H ₄₃ N ₅ O ₄ Si
Molecular Weight:	493.71
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 : 300 mg/mL (607.64 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.0255 mL	10.1274 mL	20.2548 mL
		5 mM	0.4051 mL	2.0255 mL	4.0510 mL
		10 mM	0.2025 mL	1.0127 mL	2.0255 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 7.5 mg/mL (15.19 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 7.5 mg/mL (15.19 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 7.5 mg/mL (15.19 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	Val-Cit-PAB-OSBT is a degradable ADC linker, which is composed of the polypeptide Val-Cit-PAB and OSBT groups coupled together ^[1] .
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Caution: Product has not been fully validated for medical applications. For research use only.

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