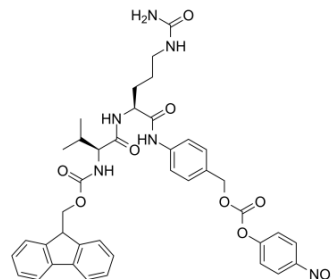


Fmoc-Val-Cit-PAB-PNP

Cat. No.:	HY-41189
CAS No.:	863971-53-3
Molecular Formula:	C ₄₀ H ₄₂ N ₆ O ₁₀
Molecular Weight:	766.8
Sequence Shortening:	Fmoc-V-Cit-PAB-PNP
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Stored under nitrogen
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 40 mg/mL (52.16 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.3041 mL	6.5206 mL	13.0412 mL
	5 mM	0.2608 mL	1.3041 mL	2.6082 mL
	10 mM	0.1304 mL	0.6521 mL	1.3041 mL

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

In Vivo

1. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 5.25 mg/mL (6.85 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Fmoc-Val-Cit-PAB-PNP is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs).

IC₅₀ & Target

Cleavable

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA