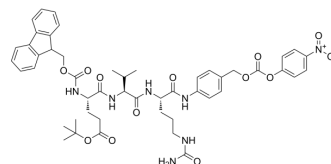


Fmoc-Glu-(Boc)-Val-Cit-PAB-PNP

Cat. No.: HY-136154
Molecular Formula: C₄₉H₅₇N₇O₁₃
Molecular Weight: 952.02
Target: ADC Linker
Pathway: Antibody-drug Conjugate/ADC Related
Storage: -20°C, protect from light, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 180 mg/mL (189.07 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div>Solvent Concentration</div>	Mass	1 mg	5 mg	10 mg
		1 mM		1.0504 mL	5.2520 mL	10.5040 mL
		5 mM		0.2101 mL	1.0504 mL	2.1008 mL
		10 mM		0.1050 mL	0.5252 mL	1.0504 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: ≥ 4.5 mg/mL (4.73 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Fmoc-Glu-(Boc)-Val-Cit-PAB-PNP is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .	
IC ₅₀ & Target	Protease Cleavable	Cleavable
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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

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