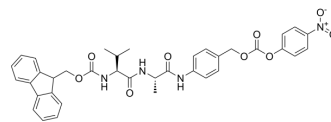


## Fmoc-Val-Ala-PAB-PNP

<b>Cat. No.:</b>	HY-136136		
<b>CAS No.:</b>	1394238-92-6		
<b>Molecular Formula:</b>	C <sub>37</sub> H <sub>36</sub> N <sub>4</sub> O <sub>9</sub>		
<b>Molecular Weight:</b>	680.7		
<b>Target:</b>	ADC Linker		
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (146.91 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.4691 mL	7.3454 mL	14.6908 mL
5 mM	0.2938 mL	1.4691 mL	2.9382 mL
10 mM	0.1469 mL	0.7345 mL	1.4691 mL

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

### BIOLOGICAL ACTIVITY

<b>Description</b>	Fmoc-Val-Ala-PAB-PNP is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	Protease Cleavable Linker	Cleavable Linker
<b>In Vitro</b>	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker <sup>[1]</sup> . 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.

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

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