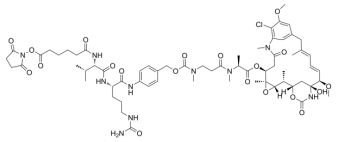
SC-VC-PAB-N-Me-L-Ala-Maytansinol

Cat. No.:	HY-148528
CAS No.:	2226467-76-9
Molecular Formula:	$C_{65}H_{89}ClN_{10}O_{20}$
Molecular Weight:	1365.91
Target:	Others
Pathway:	Others

Storage:

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 (73.21 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	0.7321 mL	3.6606 mL	7.3211 mL
5 mM	0.1464 mL	0.7321 mL	1.4642 mL
10 mM	0.0732 mL	0.3661 mL	0.7321 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: ≥ 2.5 mg/mL (1.83 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (1.83 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

SC-VC-PAB-N-Me-L-Ala-Maytansinol (compound B1) can be used to synthesis MCC-Maytansinoid A. SC-VC-PAB-N-Me-L-Ala-Maytansinol can be used as a control compound for the cancer research[1].

REFERENCES

[1]. ANDREEV JULIAN, et al. BISPECIFIC ANTIGEN BINDING MOLECULES THAT BIND HER2, AND METHODS OF USE THEREOF. WO2021174113. 2021.

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

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