

Mc-VC-PAB-SN38

Chemical Properties

CAS No. : 1801838-28-7

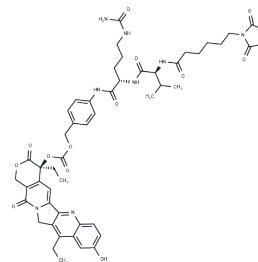
Formula: C₅₁H₅₈N₈O₁₃

Molecular Weight: 991.05

Store at low temperature

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Mc-VC-PAB-SN38 consists of a cleavable ADC linker (Mc-VC-PAB) and SN38, which is part of an antibody-coupled reactive molecule commonly used to synthesize antibody-coupled reactive molecules (ADCs) that target sites of action.
Targets(IC50)	Drug-Linker Conjugates for ADC
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.[1]

Solubility Information

Solubility	DMSO: 50 mg/mL (50.45 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.009 mL	5.0452 mL	10.0903 mL
5 mM	0.2018 mL	1.009 mL	2.0181 mL
10 mM	0.1009 mL	0.5045 mL	1.009 mL
50 mM	0.0202 mL	0.1009 mL	0.2018 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481