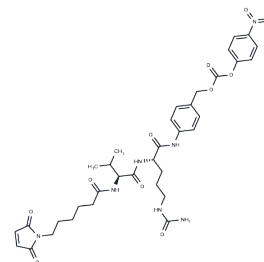


## MC-Val-Cit-PABC-PNP

## Chemical Properties

CAS No. :	159857-81-5
Formula:	C35H43N7O11
Molecular Weight:	737.76
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	MC-Val-Cit-PABC-PNP, also known as Mc-Val-Cit-PABC-PNP, is a cathepsin cleavable ADC peptide linker. For example, FDA approved drug, brentuximab vedotin, adopts this linker. Protein- and peptide-drug conjugates hold a promising stance in the delivery of therapeutic agents by providing distinct advantage of improving therapeutic potential of drugs. Use of specialized linkers makes them unique in their in vivo therapeutic application by providing target tissue-specific release of drug.
Targets(IC50)	AChR,ADC Linker

## Solubility Information

Solubility	DMSO: 237.5 mg/mL (321.92 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3555 mL	6.7773 mL	13.5545 mL
5 mM	0.2711 mL	1.3555 mL	2.7109 mL
10 mM	0.1355 mL	0.6777 mL	1.3555 mL
50 mM	0.0271 mL	0.1355 mL	0.2711 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

Anti-cd70 antibody-drug conjugates and their use for the treatment of cancer and immune disorders

**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