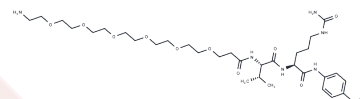


NH2-PEG6-Val-Cit-PAB-OH

Chemical Properties

CAS No. :	2055024-60-5
Formula:	C33H58N6O11
Molecular Weight:	714.847
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	NH2-PEG6-Val-Cit-PAB-OH is a cleavable ADC linker composed of a primary amine, a hydrophilic PEG spacer, a Val-Cit dipeptide, and a PAB group. The benzyl alcohol on PAB is suitable for coupling with reactive groups (such as PNP) to facilitate binding with drug payloads. The primary amine enables versatile reactions, including coupling with carboxylic acids, reductive amination with ketones or aldehydes, and more specialized applications like SNAr reactions or heterocyclic chemistry. The Val-Cit dipeptide undergoes cleavage by intracellular proteases, allowing efficient payload delivery via an elimination mechanism within the PAB structure.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3989 mL	6.9945 mL	13.9889 mL
5 mM	0.2798 mL	1.3989 mL	2.7978 mL
10 mM	0.1399 mL	0.6994 mL	1.3989 mL
50 mM	0.028 mL	0.1399 mL	0.2798 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.

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