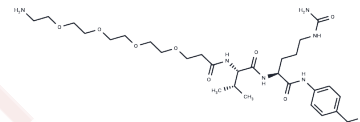


NH2-PEG4-Val-Cit-PAB-OH

Chemical Properties

CAS No. :	2055024-61-6
Formula:	C29H50N6O9
Molecular Weight:	626.742
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-PEG4-Val-Cit-PAB-OH is a cleavable ADC linker that features a primary amine, a hydrophilic PEG spacer, a Val-Cit dipeptide, and a PAB group. The benzyl alcohol on the PAB component is suitable for attaching reactive groups (such as PNP) to facilitate binding with drug payloads. The primary amine is versatile for reactions such as coupling with carboxylic acids, reductive amination with ketones or aldehydes, or other specialized applications like SNAr reactions or heterocyclic chemistry. The Val-Cit dipeptide is cleaved by intracellular cathepsins, allowing efficient payload delivery via an elimination mechanism through the PAB structure.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5956 mL	7.9778 mL	15.9556 mL
5 mM	0.3191 mL	1.5956 mL	3.1911 mL
10 mM	0.1596 mL	0.7978 mL	1.5956 mL
50 mM	0.0319 mL	0.1596 mL	0.3191 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