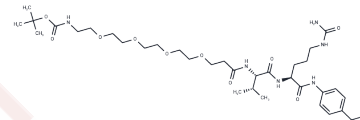


Boc-PEG4-Val-Cit-PAB-OH

Chemical Properties

CAS No. :	2055024-54-7
Formula:	C34H58N6O11
Molecular Weight:	726.858
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	Boc-PEG4-Val-Cit-PAB-OH is an enzyme-cleavable ADC linker that features a Boc-protected amine, a hydrophilic PEG spacer, and a Val-Cit-PAB dipeptide. The benzyl alcohol on PAB is useful for attaching reactive groups (e.g., PNP) to bind with drug payloads. Acidic conditions can remove the Boc protecting group, exposing the primary amine for conjugation reactions to form amides. The Val-Cit-PAB segment can be cleaved by intracellular proteases, allowing efficient payload release within cells.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3758 mL	6.8789 mL	13.7578 mL
5 mM	0.2752 mL	1.3758 mL	2.7516 mL
10 mM	0.1376 mL	0.6879 mL	1.3758 mL
50 mM	0.0275 mL	0.1376 mL	0.2752 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