Data Sheet (Cat.No.T18540)



Phe-Lys(Trt)-PAB

Chemical Properties

CAS No.: 1116085-99-4

Formula: C41H44N4O3

Molecular Weight: 640.81

Appearance: no data available

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



Biological Description

Description	Phe-Lys(Trt)-PAB is a cathepsin-cleavable linker utilized in the development of antibody-drug conjugates (ADCs)[1], serving as a crucial component for facilitating the release of therapeutic agents within targeted cells.
Targets(IC50)	Others
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[2].

Preparing Stock Solutions

30	1mg	5mg	10mg	
1 mM	1.5605 mL	7.8026 mL	15.6052 mL	
5 mM	0.3121 mL	1.5605 mL	3.121 mL	
10 mM	0.1561 mL	0.7803 mL	1.5605 mL	
50 mM	0.0312 mL	0.1561 mL	0.3121 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.

Reference

Abu Ajaj K, et al. Development of protein-binding bifunctional linkers for a new generation of dualactingprodrugs. Bioconjug Chem. 2009 Feb;20(2):390-6.

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