Data Sheet (Cat.No.T17449)



APN-PEG4-Amine hydrochloride

Chemical Properties

CAS No.:

Formula: C20H28ClN3O5

Molecular Weight: 425.91

Appearance: no data available

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

Biological Description

Description	APN-PEG4-Amine (hydrochloride) is a cleavable four-unit polyethylene glycol (PEG) linker utilized in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	Others
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

Preparing Stock Solutions

ما	1mg	5mg	10mg	
1 mM	2.3479 mL	11.7396 mL	23.4791 mL	
5 mM	0.4696 mL	2.3479 mL	4.6958 mL	
10 mM	0.2348 mL	1.174 mL	2.3479 mL	
50 mM	0.047 mL	0.2348 mL	0.4696 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481

Page 1 of 1 www.targetmol.com