

APN-PEG4-tetrazine

Chemical Properties

CAS No.:	T17453
Formula:	C30H33N7O6
Molecular Weight:	587.63
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	APN-PEG4-tetrazine is a cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC ₅₀)	Cleavable: None
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.702 mL	8.509 mL	17.018 mL
5 mM	0.34 mL	1.702 mL	3.404 mL
10 mM	0.17 mL	0.851 mL	1.702 mL
50 mM	0.034 mL	0.17 mL	0.34 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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