Data Sheet (Cat.No.T41022)



β -D-glucuronide-pNP-carbonate

Chemical Properties	
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CAS No. :	894095-98-8	°=,, ≠ °
Formula:	C45H43N3O18	v v ∀°
Molecular Weight:	913.842	
Appearance:	no data available	
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	

Biological Description

Description	β-D-glucuronide-pNP-carbonate is an ADC linker utilized in the synthesis of antibody- drug conjugates (ADCs).
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM 📀	1.0943 mL	5.4714 m🕑	10.9428 mL
5 mM	0.2189 mL	1.0943 mL	2.1886 mL
10 mM	0.1094 mL	0.5471 mL	1.0943 mL
50 mM	0.0219 mL	0.1094 mL	0.2189 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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