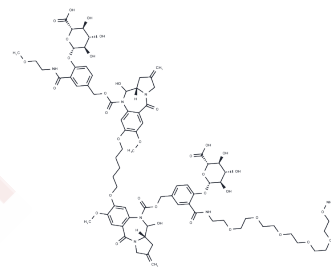


β -Glucuronide-dPBD-PEG5-NH₂

Chemical Properties

CAS No. :	2246363-68-6
Formula:	C ₇₈ H ₁₀₁ N ₇ O ₃₅
Molecular Weight:	1696.66
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	β -Glucuronide-dPBD-PEG5-NH ₂ is a β -glucuronide-linked pyrrolobenzodiazepine dimer that functions as a proagent for the synthesis of the antibody-drug conjugate (ADC) c1RCR201-dPBD, utilizing a cleavable β -glucuronide linkage. This compound targets and binds to the prenylated antibody, facilitating controlled drug release to mitigate side effects and exhibits antitumor properties by inducing apoptosis and arresting the cell cycle [1].
Targets(IC50)	Apoptosis, Drug-Linker Conjugates for ADC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5894 mL	2.947 mL	5.8939 mL
5 mM	0.1179 mL	0.5894 mL	1.1788 mL
10 mM	0.0589 mL	0.2947 mL	0.5894 mL
50 mM	0.0118 mL	0.0589 mL	0.1179 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

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481