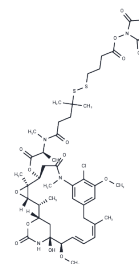


SPDB-DM4

Chemical Properties

CAS No. :	1626359-62-3
Formula:	C ₄₆ H ₆₃ ClN ₄ O ₁₄ S ₂
Molecular Weight:	995.59
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	SPDB-DM4 is a drug-linker conjugate designed for antibody-drug conjugate (ADC) applications, employing the maytansine-based payload DM4 (a tubulin inhibitor) connected through a SPDB linker. This compound demonstrates significant anti-tumor efficacy.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0044 mL	5.0221 mL	10.0443 mL
5 mM	0.2009 mL	1.0044 mL	2.0089 mL
10 mM	0.1004 mL	0.5022 mL	1.0044 mL
50 mM	0.0201 mL	0.1004 mL	0.2009 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

Puja Sapra, et al. Investigational antibody drug conjugates for solid tumors. Expert Opin Investig Drugs. 2011 Aug; 20(8):1131-49.

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