

Di(MMY-SJG)-Ph-prop-2-yne-1-sulfonic acid

Chemical Properties

CAS No. :	3037777-07-1
Formula:	C39H36N4O9S
Molecular Weight:	736.8
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	Di(MMY-SJG)-Ph-prop-2-yne-1-sulfonic acid (Compound 5) is a cytotoxic pyrrolobenzodiazepine (PBD) dimer derivative. It exhibits moderate DNA alkylation activity and can serve as a payload for antibody-drug conjugates (ADCs), demonstrating potent antigen-dependent cytotoxicity.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3572 mL	6.7861 mL	13.5722 mL
5 mM	0.2714 mL	1.3572 mL	2.7144 mL
10 mM	0.1357 mL	0.6786 mL	1.3572 mL
50 mM	0.0271 mL	0.1357 mL	0.2714 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.

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