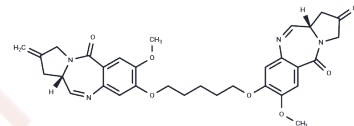


SG2057

Chemical Properties

CAS No. : 260417-62-7
 Formula: C33H36N4O6
 Molecular Weight: 584.66
 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	SG2057 (DRG16), a potent antitumor agent, is a pyrrolobenzodiazepine (PBD) dimer connected by a pentyldioxy linkage. This compound selectively binds to the minor groove of DNA, forming both interstrand and intrastrand cross-linked adducts, contributing to its high antitumor activity.
Targets(IC50)	ADC Cytotoxin, DNA Alkylator/Crosslinker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7104 mL	8.552 mL	17.104 mL
5 mM	0.3421 mL	1.7104 mL	3.4208 mL
10 mM	0.171 mL	0.8552 mL	1.7104 mL
50 mM	0.0342 mL	0.171 mL	0.3421 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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