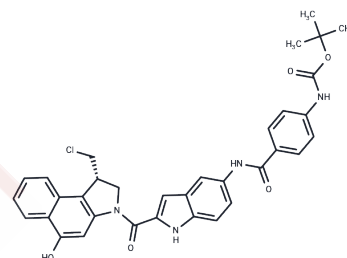


Duocarmycin Analog

Chemical Properties

CAS No. : 372954-15-9
 Formula: C₃₄H₃₁ClN₄O₅
 Molecular Weight: 611.09
 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	Duocarmycin Analog is used as an DNA alkylator and ADC cytotoxin. Duocarmycin Analog is an analog of Duocarmycin.
Targets(IC50)	ADC Cytotoxin,DNA Alkylation,DNA Alkylator/Crosslinker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6364 mL	8.1821 mL	16.3642 mL
5 mM	0.3273 mL	1.6364 mL	3.2728 mL
10 mM	0.1636 mL	0.8182 mL	1.6364 mL
50 mM	0.0327 mL	0.1636 mL	0.3273 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.

Reference

Boger, Dale L. CBI ANALOGUES OF CC-1065 AND THE DUOCARMYCINS. WO2003022806A2

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