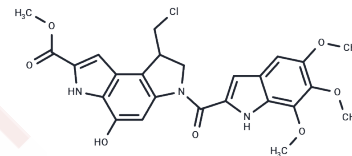


Seco-Duocarmycin SA

Chemical Properties

CAS No. :	144667-38-9
Formula:	C ₂₅ H ₂₄ ClN ₃ O ₇
Molecular Weight:	513.93
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	Seco-Duocarmycin SA is a highly potent DNA alkylator used as an ADC cytotoxin.
Targets(IC50)	ADC Cytotoxin, DNA Alkylation, DNA Alkylator/Crosslinker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9458 mL	9.729 mL	19.4579 mL
5 mM	0.3892 mL	1.9458 mL	3.8916 mL
10 mM	0.1946 mL	0.9729 mL	1.9458 mL
50 mM	0.0389 mL	0.1946 mL	0.3892 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

Lutz F. Tietze, et al. A Concise and Efficient Synthesis of seco-Duocarmycin SA. European Journal of Organic Chemistry 2003 (3), 562-566.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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