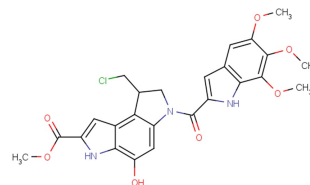


Seco-Duocarmycin SA

Chemical Properties

CAS No.:	144667-38-9
Formula:	C ₂₅ H ₂₄ ClN ₃ O ₇
Molecular Weight:	513.93
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Seco-Duocarmycin SA is a highly potent DNA alkylator used as an ADC cytotoxin.
Targets(IC ₅₀)	DNA alkylator: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.946 mL	9.729 mL	19.458 mL
5 mM	0.389 mL	1.946 mL	3.892 mL
10 mM	0.195 mL	0.973 mL	1.946 mL
50 mM	0.039 mL	0.195 mL	0.389 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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