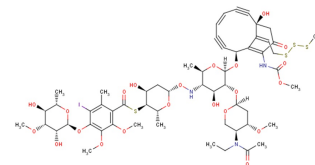


N-Acetyl-Calicheamicin

Chemical Properties

CAS No.:	108212-76-6
Formula:	C ₅₇ H ₇₆ IN ₃ O ₂₂ S ₄
Molecular Weight:	1410.39
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	N-Acetyl-Calicheamicin is a derivative of Calicheamicin, and is a potent enediyne antitumor antibiotic
Targets(IC ₅₀)	Others: 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	0.709 mL	3.545 mL	7.09 mL
5 mM	0.142 mL	0.709 mL	1.418 mL
10 mM	0.071 mL	0.355 mL	0.709 mL
50 mM	0.014 mL	0.071 mL	0.142 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. Stasi R, et al. Gemtuzumab ozogamicin in the treatment of acute myeloid leukemia. *Cancer Treat Rev.* 2008 Feb;34(1):49-60.

Inhibitors · Natural Compounds · Compound Libraries

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