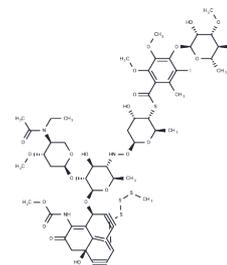


## N-Acetyl-Calicheamicin

## Chemical Properties

CAS No. :	108212-76-6
Formula:	C57H76IN3O22S4
Molecular Weight:	1410.38
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	N-Acetyl-Calicheamicin (N-Acetyl- $\gamma$ -calicheamicin) is an antibiotic with high anti-tumor activity.
Targets(IC50)	Antibacterial

## Solubility Information

Solubility	DMSO: 70.52 mg/mL (50 mM), Sonication is recommended. ( $< 1$ 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	3.5451 mL	7.0903 mL
5 mM	0.1418 mL	0.709 mL	1.4181 mL
10 mM	0.0709 mL	0.3545 mL	0.709 mL
50 mM	0.0142 mL	0.0709 mL	0.1418 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.

## Reference

Stasi R, et al. Gemtuzumab ozogamicin in the treatment of acute myeloid leukemia. *Cancer Treat Rev.* 2008 Feb;34(1):49-60.

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