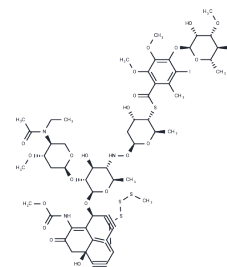


N-Acetyl-Calicheamicin

Chemical Properties

CAS No. :	108212-76-6
Formula:	C57H76IN3O22S4
Molecular Weight:	1410.38
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N-Acetyl-Calicheamicin (N-Acetyl- γ -calicheamicin) is an antibiotic with high anti-tumor activity.
Targets(IC50)	Antibacterial,Antibiotic,ADC Cytotoxin,DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 70.52 mg/mL (50 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

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.

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

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481