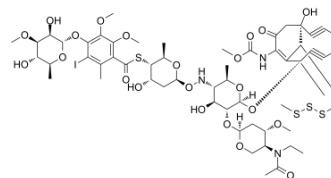


N-Acetyl-Calicheamicin

Cat. No.:	HY-19791
CAS No.:	108212-76-6
Molecular Formula:	C ₅₇ H ₇₆ IN ₃ O ₂₂ S ₄
Molecular Weight:	1410.39
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

N-Acetyl-Calicheamicin is a potent enediyne antitumor antibiotic. Target: Antibacterial N-Acetyl-Calicheamicin is a derivative of Calicheamicin. Calicheamicin is a naturally occurring hydrophobic enediyne antibiotic that was isolated from the actinomycete *Micromonospora echinospora calichensis*. Calicheamicin can interfere with biological processes not simply by cleaving free DNA but also by displacing a DNA-binding protein through competition or modulation of DNA structure.

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA