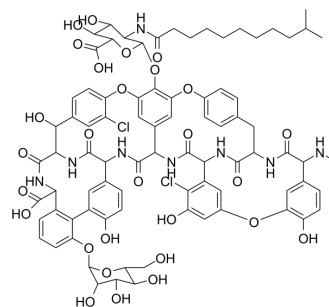


A40926

Cat. No.:	HY-107833		
CAS No.:	102961-72-8		
Molecular Formula:	C ₈₃ H ₈₈ Cl ₂ N ₈ O ₂₈		
Molecular Weight:	1716.53		
Target:	Bacterial		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5.88 mg/mL (3.43 mM; ultrasonic and warming and heat to 20°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.5826 mL	2.9129 mL	5.8257 mL
5 mM	---	---	---
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 0.59 mg/mL (0.34 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 0.59 mg/mL (0.34 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 0.59 mg/mL (0.34 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

A40926, the precursor of Dalbavancin, is a second-generation glycopeptide antibiotic. A40926 inhibits gram-positive bacteria, and is very active against *Neisseria gonorrhoeae*^[1].

REFERENCES

- [1]. Goldstein BP, et al. A40926, a new glycopeptide antibiotic with anti-*Neisseria* activity. *Antimicrob Agents Chemother.* 1987 Dec;31(12):1961-6.

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

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