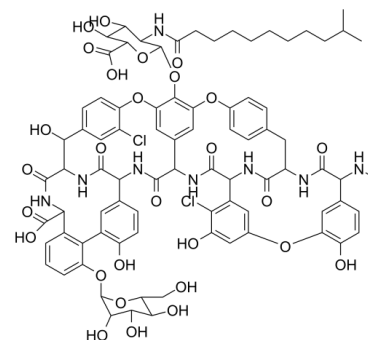


## Data Sheet

<b>Product Name:</b>	A40926
<b>Cat. No.:</b>	CS-0030709
<b>CAS No.:</b>	102961-72-8
<b>Molecular Formula:</b>	C <sub>83</sub> H <sub>88</sub> Cl <sub>2</sub> N <sub>8</sub> O <sub>28</sub>
<b>Molecular Weight:</b>	1716.53
<b>Target:</b>	Bacterial
<b>Pathway:</b>	Anti-infection
<b>Solubility:</b>	DMSO : 5.88 mg/mL (3.43 mM; ultrasonic and warming and heat to 20°C)



### BIOLOGICAL ACTIVITY:

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

### References:

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

### CAIndexNames:

Antibiotic A 40926

### SMILES:

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C1C=CC(C(O)C(C(NC(C(O)=O)C(C=CC=C2O[C@@H]3[C@@H](O)[C@@H](O)[C@H](O)[C@@H](CO)O3)=C2C4=C(O)C=CC(C5NC(C6NC(C7=C(Cl)C(O)=CC(O8)=C7)NC(C9NC(C(C%10=CC8=C(O)C=C%10)NC)=O)=O)=O)=O)=C4)=O)NC5=O)=CC=C1OC%11=CC6=CC(OC%12=CC=C(C9)C=C%12)=C%11O[C@@H]%13O[C@H](C(O)=O)[C@@H](O)[C@H](O)[C@H](O)[C@H]13NC(CCCCCCCC(C)C)=O
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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

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