

Product Datasheet

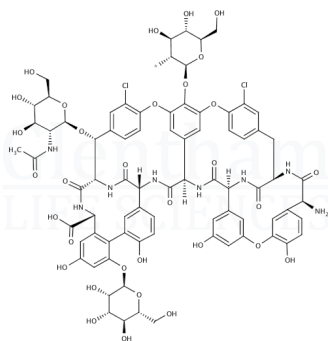
GA8806 - Teicoplanin

Product Details

Product Name	Teicoplanin
Glentham Code	GA8806
CAS Number	61036-62-2
MDL Number	MFCD05664625
PubChem SID	310280514
Related Categories	APIs, Antibiotics, Biochemicals, Antimicrobials

Structure

Molecular Weight	: -
Molecular Formula	: -



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product Specification

Physical Description : White to light-yellow crystalline powder

Identification (IR)	: To conform to standard
Solubility (10% in water)	: Clear, colourless to faint yellow solution
pH (5% in water)	: 6.5 - 7.5
Sodium Chloride (NaCl)	: ≤ 5.0%
Heavy Metals	: ≤ 20ppm
Water (KF)	: ≤ 15.0%
Composition	: Teicoplanin A2 group ≥ 80.0% : Teicoplanin A2-2 35.0 - 55.0 % : Teicoplanin A3 group ≤ 15.0%
Total Impurities	: ≤ 5.0%
Potency (dried basis)	: ≥ 900µg/mg
Version	: v1.1

About Teicoplanin

Teicoplanin is a glycopeptide antibiotic effective against gram-positive bacteria. In particular, teicoplanin is used to treat MRSA and other bacteria resistant to beta-lactam antibiotics. Teicoplanin is produced by *Actinoplanes teichomyceticus* and works by inhibiting bacterial cell wall synthesis. It is comparable to vancomycin in its efficacy and antimicrobial spectrum.

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