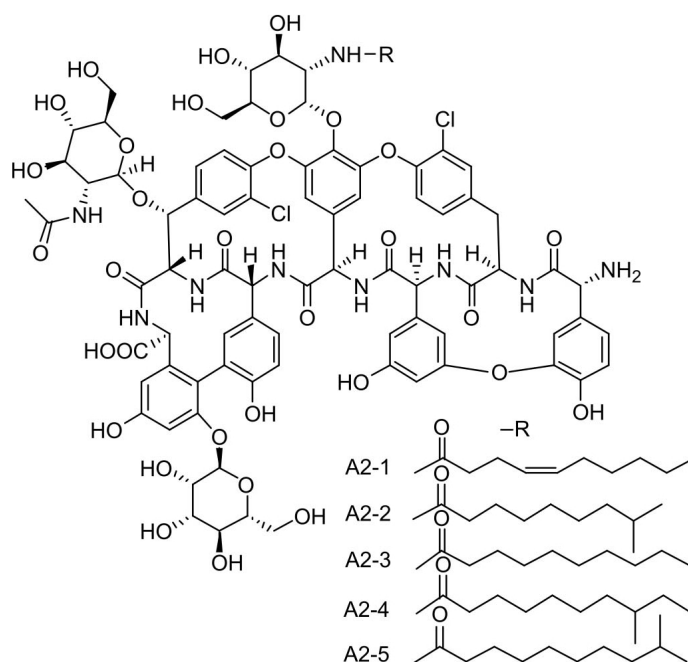


Teicoplanin complex

Pack sizes.: 25mg, 100mg



Synonyms:

Teichomycin, Tecoplanin, Targocid, Teicomid, 8327A, DL 507IT, L 12507, MDL 507, MW 1900

Specifications

CAS #	: 61036-62-2
Molecular Formula	: C88H97Cl2N9O33(forA2-2)
Molecular Weight	: 1879.7 (for A2-2)
Source	: -
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Good water solubility.

Application Notes

Teicoplanin complex is family of closely related metabolites produced by Actinoplanes teichomyceticus. Teicoplanin complex possesses potent broad spectrum antibiotic activity against Gram positive bacteria, including MRSA and E. faecalis. The metabolites share a common glycopeptide core (teicoplanin A-3) on which a family of fatty acids varying in length, degree of saturation and branching are linked as amides through one of the aminoglycoside moieties. The major component of the complex is teicoplanin A2 which itself has five major components (teicoplanin A2-1 to A2-5) and four minor components (teicoplanin RS-1 to RS-4).

References

1. Teichomycins, new antibiotics from *Actinoplanes teichomyceticus* nov. sp. Parenti F. et al., *J. Antibiotics* 1978, 31, 276.
2. Teicoplanin. Goldstein B. P. et al., In: *Glycopeptide antibiotics* edited by Nagarajan R. Dekker New York. 1994, 273.