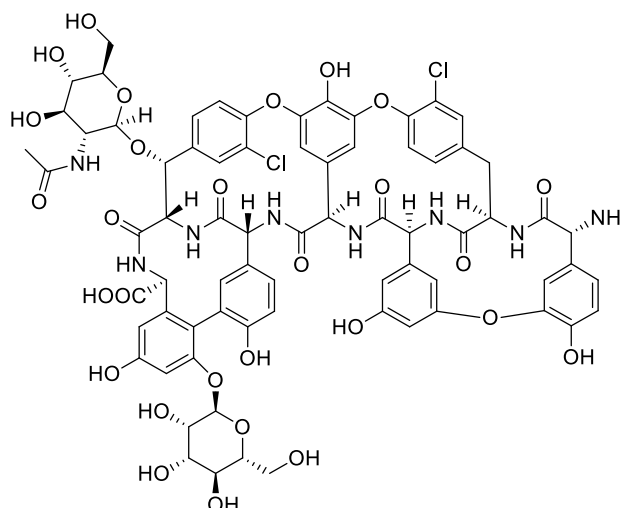


## Teicoplanin A3-1

Code No.: **BIA-T1513**

Pack sizes: **1 mg, 5 mg**



Synonyms : L 17054

## Specifications

CAS #	: 93616-27-4
Molecular Formula	: $C_{72}H_{68}Cl_2N_8O_{28}$
Molecular Weight	: 1564.3
Source	: <i>Actinoplanes</i> sp.
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

## Application Notes

Teicoplanin A3-1 is a minor polar analogue of a family of lipoglycopeptides produced by *Actinoplanes teichomyceticus*. Teicoplanins possess potent broad spectrum antibiotic activity against Gram positive bacteria, including MRSA and *E. faecalis*. Teicoplanin A3-1 is the common degradation product of teicoplanins A2-1 to 5, resulting from cleavage of the lipoaminoglycoside substituents.

## 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.