

Product Name: Teicoplanin A3-1

Product Number: T074

CAS Number: 93616-27-4

Molecular Formula: $C_{72}H_{68}Cl_2N_8O_{28}$

Molecular Weight: 1564.3

Appearance: White solid

Storage Conditions: -20°C

Description: 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.

Teicoplanin A3-1 is soluble in ethanol, methanol, DMF and DMSO.

References: Teichomycins, new antibiotics from *Actinoplanes teichomyceticus* nov. sp. Parenti F. et al. J. Antibiotics 1978, 31, 276.

Teicoplanin. Goldstein B.P. et al. In: Glycopeptide antibiotics edited by Nagarajan R., Dekker New York. 1994, 273.