

Teicoplanin Complex Set

Code No.: **BIA-MS5010**

Specifications

Each set contains 1 x 1mg vial of each of the following products:

Vial #	Compound	Code No.	CAS #	Mol. Formula	Mol. Wt.
1	Teicoplanin complex	BIA-T1187	61036-62-2	-	-
2	Teicoplanin A2-1	BIA-T1508	91032-34-7	C ₈₈ H ₉₅ Cl ₂ N ₉ O ₃₃	1877.7
3	Teicoplanin A2-2	BIA-T1509	91032-26-7	C ₈₈ H ₉₇ Cl ₂ N ₉ O ₃₃	1879.7
4	Teicoplanin A2-3	BIA-T1510	91032-36-9	C ₈₈ H ₉₇ Cl ₂ N ₉ O ₃₃	1879.7
5	Teicoplanin A2-4	BIA-T1511	91032-37-0	C ₈₉ H ₉₉ Cl ₂ N ₉ O ₃₃	1893.7
6	Teicoplanin A2-5	BIA-T1512	91032-38-1	C ₈₉ H ₉₉ Cl ₂ N ₉ O ₃₃	1893.7

- Long Term Storage : **-20°C, protect from light**
- Stability : **Stable for more than 1 year when stored at -20°C, protected from light**
- Short Term Storage : **Stable at ambient temperature for 1-2 weeks, protected from light**
- Shipping : **Ambient temperature**
- Purity : **Minimum purity of >95% by HPLC**
- Solubility : **Methanol, ethanol, DMSO, limited water solubility**

Product Description: Teicoplanin complex is family of closely related metabolites produced by Actinoplanes teichomyceticus. Teicoplanin complex possesses potent broad spectrum 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) contained in the Teicoplanin Complex Set.

Updated: 8 September 2014