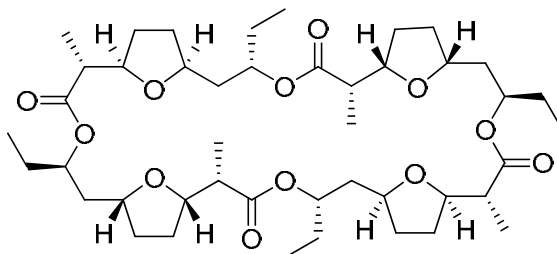


Tetranactin

Code: **BIA-T1287**

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



Synonyms : -

Specifications

CAS #	: 33956-61-5
Molecular Formula	: C₄₄H₇₂O₁₂
Molecular Weight	: 793.0
Source	: <i>Streptomyces</i> sp.
Appearance	: White solid
Purity	: >95%
Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

Tetranactin is a member of the macrotetrolide complex produced by a range of *Streptomyces* sp. Like the other members of the macrotetrolide family, tetranactin is thought to act as a monovalent cation ionophore with high selectivity for ammonium and potassium. Unlike the other macrotetrolides, tetranactin is reported to exhibit potent insecticidal activity.

References

1. Tetranactin, a new miticidal antibiotic I. Isolation, characterisation and properties of tetranactin. Ando K. et al. J. Antibiot. 1971, 24, 347.
2. Tetranactin, a new miticidal antibiotic. II. Structure of Tetranactin. Ando K. et al. J. Antibiot. 1971, 24, 418.