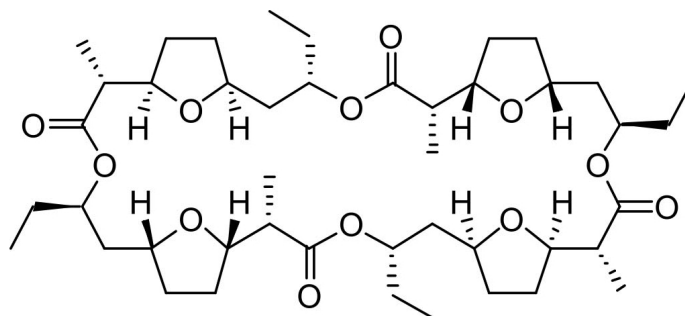


## Tetranactin

Code No.: BIA-T1287

Pack sizes.: 1mg, 5mg



Synonyms:

-

## Specifications

CAS #	: <b>33956-61-5</b>
Molecular Formula	: <b>C44H72O12</b>
Molecular Weight	: <b>793</b>
Source	: -
Appearance	: <b>White solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.</b>

## 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 exhibits 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.