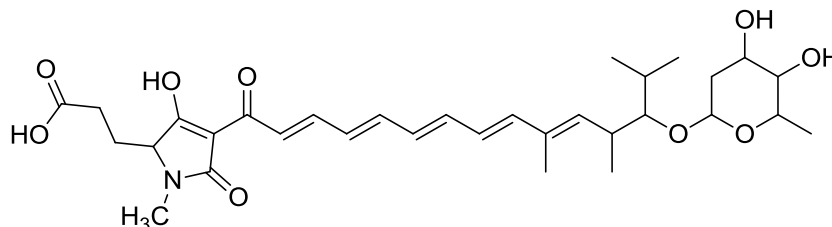


α -Lipomycin

Code No.: **BIA-L1418**

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



Synonyms :

Specifications

CAS #	: 51053-40-8
Molecular Formula	: C₃₂H₄₅NO₉
Molecular Weight	: 587.7
Source	: <i>Streptomyces</i> sp.
Appearance	: Dark red solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

α -Lipomycin is an unusual pentaenone tetramic acid first isolated from *Streptomyces aureofaciens* in 1972. Lipomycin has potent Gram positive antibacterial activity with no activity against fungi, including yeasts. The antibiotic activity is antagonized by lecithin and some sterols, implying alterations of the cell membrane.

References

1. Stoffwechselprodukte von Mikroorganismen. Kunze B. Arch. Microbiol. 1972, 86, 147.