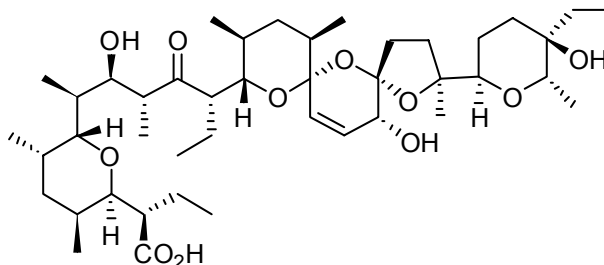


Narasin

Code: **BIA-N1363**

Pack sizes: **5 mg, 25 mg**



Synonyms : **4-Methylsalinomycin, Antibiotic A28086A, Antibiotic C7819A**

Specifications

CAS # : **55134-13-9**
Molecular Formula : **C₄₃H₇₂O₁₁**
Molecular Weight : **765.0**
Source : ***Streptomyces aureofaciens***
Appearance : **White solid**
Purity : **>98%**
Storage : **-20°C**
Solubility : **Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.**

Application Notes

Narasin (4-methylsalinomycin) is a polyether antibiotic isolated from *Streptomyces aureofaciens* in 1978. Although narasin is a close analogue of salinomycin, the metabolites are produced by different species and are not co-metabolites. Narasin shows broad spectrum activity against Gram positive bacteria including anaerobes and mycoplasma, and also possesses antiviral and limited antifungal activity. Narasin is used in the animal health industry as an in-feed antibiotic and growth promotant.

References

1. The isolation and characterization of narasin, a new polyether antibiotic. Berg D.H. & Hamill R.L. J. Antibiot. **1978**, 31, 1.