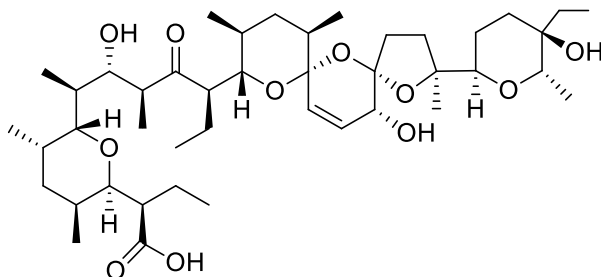


Narasin

Code No.: **BIA-N1363**

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



Synonyms : 4-Methylsalinomycin, A28086A, C7819A

Specifications

CAS #	: 55134-13-9
Molecular Formula	: $C_{43}H_{72}O_{11}$
Molecular Weight	: 765
Source	: <i>Streptomyces aureofaciens</i>
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor 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 is an ionophore with 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.