

Narasin sodium

## PRODUCT DATA SHEET

Code No.: BIA-N1541

Pack sizes: 5 mg, 25 mg

Synonyms : 4-Methylsalinomycin sodium

## Specifications

CAS # : 58331-17-2 Molecular Formula :  $C_{43}H_{71}NaO_{11}$ 

Molecular Weight : 787.0

Source : Streptomyces sp.

Appearance : White solid
Purity : >98% by HPLC

Long Term Storage : -20°C

Solubility : Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

## **Application Notes**

Narasin sodium is prepared from narasin taking advantage of the carboxylic acid which ionises and readily forms the salt in sodium hydroxide solutions. 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.

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