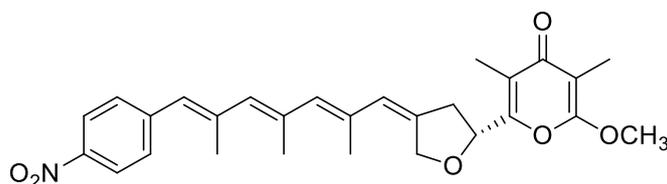


Neoaureothin

Code No.: **BIA-N1058**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms : Spectabilin

Specifications

CAS #	: 28900-27-8
Molecular Formula	: C₂₈H₃₁NO₆
Molecular Weight	: 477.6
Source	: <i>Streptomyces</i> sp.
Appearance	: Orange solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Neoaureothin is an unusual chain-extended analogue of aureothin. Neoaureothin was first reported as a co-metabolite of neoantimycin in *Streptomyces orinoci*. Neoaureothin has anti-HIV and antifungal activity. Recent investigations have identified two photo-isomers of neoaureothin, SNF4435C and SNF4435D, as potent immunosuppressive agents.

References

1. New antibiotics produced by *Streptoverticillium orinoci*, n. sp. Cassinelli, G. et al., Arch. Mikrobiol. 1967, 55, 358.