Nemadectin

Code: BIA-N1056
Pack sizes: 1 mg, 5 mg

Synonyms: Antibiotic S541A, Antibiotic LL-F28249α

Specifications

- CAS #: 102130-84-7
- Molecular Formula: C₃₆H₅₂O₈
- Molecular Weight: 612.8
- Source: Streptomyces sp. AS5351
- Appearance: White Lyophilisate
- Purity: > 95% by HPLC
- Long Term Storage: -20°C
- Solubility: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Nemadectin is the dominant member of a class of milbemycins bearing unsaturated longer chain groups at the 25-position. Nemadectin shows pronounced nematocidal and insecticidal activity. Nemadectin is the starting material for moxidectin, a commercial anthelmintic.

References