PRODUCT DATA SHEET

Spinosyn A aglycone

Code No.: BIA-S1595
Pack sizes: 1 mg, 5 mg

Specifications

- **CAS #**: 149560-97-4
- **Molecular Formula**: C₂₄H₃₄O₅
- **Molecular Weight**: 402.5
- **Source**: Semi-synthetic
- **Appearance**: White solid
- **Purity**: >95% by HPLC
- **Long Term Storage**: -20°C
- **Solubility**: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Spinosyn A aglycone is an acid degradation product produced by hydrolysis of both saccharide groups on spinosyn A, the major component of the commercial insecticide, spinosad. Spinosyn A aglycone is only weakly active as an insecticide as the saccharides are considered essential for potent activity. Despite the importance of spinosyns as agro-chemical insecticides and more recently as animal health products, there are few published reports of the biological activity or the levels of spinosyn A aglycone in animals or in the environment.

References