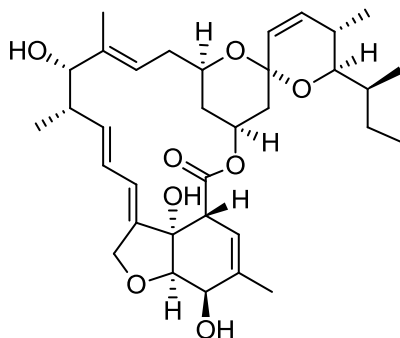


Avermectin B1a aglycone

Code No.: **BIA-A1587**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	: 71828-14-3
Molecular Formula	: C ₃₄ H ₄₈ O ₈
Molecular Weight	: 584.7
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

Avermectin aglycone is an acid degradation product produced by hydrolysis of the disaccharide unit of avermectin. Avermectin aglycone is an inhibitor of nematode larval development, but is devoid of paralytic activity. Despite the importance of avermectin as an anthelmintic in animal health, there are few published reports of the biological activity or the levels of avermectin aglycone in animals or in the environment.

References

1. Avermectin aglycones. Mrozik H. et al., J. Org. Chem. 1982, 47, 489.
2. Ivermectin, a new broad-spectrum antiparasitic agent. Chabala J.C. et al., J. Med. Chem. 1980, 23, 1134.