

Avermectin B1

Catalog No: tcsc0721



Available Sizes

Size: 100mg



Specifications

CAS No:

71751-41-2

Formula:

$C_{95}H_{142}O_{28}$

Pathway:

Autophagy;Anti-infection

Target:

Autophagy;Parasite

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 247 mg/mL (142.60 mM)

Alternative Names:

Abamectin;Avermectin B1a-Avermectin B1b mixt.

Observed Molecular Weight:

1732.13

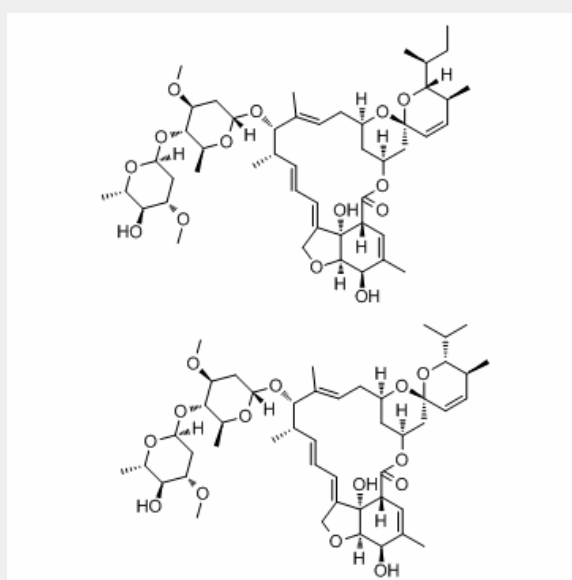
Product Description

Avermectin B1 (Abamectin) is a widely used insecticide and anthelmintic.

IC50 Value: N/A

Target: Antiparasitic

Avermectin B1 is a mixture of avermectins containing more than 80% avermectin B1a and less than 20% avermectin B1b. These two components, B1a and B1b have very similar biological and toxicological properties. The avermectins are insecticidal and antihelmintic compounds derived from various laboratory broths fermented by the soil bacterium *Streptomyces avermitilis*. Avermectin B1 is a natural fermentation product of this bacterium.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!