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Data Sheet

Product Name: Avermectin B1
Cat. No.: HY-15311
CAS No.: 71751-41-2
Molecular Formula: C_{95}H_{144}O_{28}
Molecular Weight: 1732.13
Target: Autophagy; Parasite
Solubility: DMSO: ≥ 247 mg/mL

BIOLOGICAL ACTIVITY:
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 anthelmintic compounds derived from various laboratory broths fermented by the soil bacterium Streptomyces avermitilis. Avermectin B1 is a natural fermentation product of this bacterium.

References:

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898  Fax: 609-228-5909  E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

www.MedChemExpress.com