



SCAN ME



ABAMECTIN 95 %

PRODUCT DESCRIPTION

Abamectin is mixture of Avermectin B1a and Avermectin B1b, which are active ingredient produced by fermentation process, mainly used as insecticide, etc.

ABAMECTIN B1a

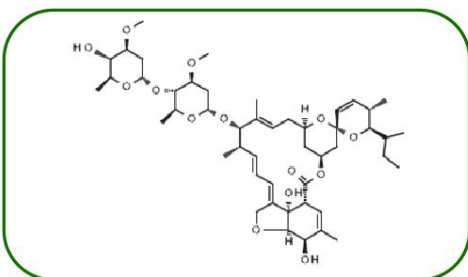
CAS No : 65195-55-3

Molecular Formula : C₄₈ H₇₂ O₁₄

Relative Molecular Weight : 873.1

Chemical Name :

(10E,14E,16E)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-6'-[(S)-sec-butyl]-21,24-dihydroxy-5',11,13,22-tetramethyl-2-oxo-3,7,19-trioxatetracyclo[15.6.1.14.8.0.20,24]pentacosa-10,14,16,22-tetraene-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl-α-L-arabino-hexopyranosyl)-3-O-methyl-α-L-arabino-hexopyranoside



Spinosad A Molecular Structure

ABAMECTIN B1b

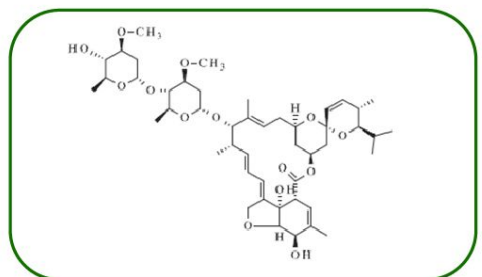
CAS No : 165195-56-4

Molecular Formula : C₄₇ H₇₀ O₁₄

Relative Molecular Weight : 859.1

Chemical Name :

(10E,14E,16E)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-21,24-dihydroxy-6'-isopropyl-5',11,13,22-tetramethyl-2-oxo-3,7,19-trioxatetracyclo[15.6.1.14.8.0.20,24]pentacosa-10,14,16,22-tetraene-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl-α-L-arabino-hexopyranosyl)-3-O-methyl-α-L-arabino-hexopyranoside



Spinosad D Molecular Structure



PT. TIENYEN INTERNATIONAL
Supplier of Pharmaceuticals and Feed Additives



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ABAMECTIN 95% DESCRIPTION

CHEMISTRY

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

APPLICATION

Abamectin has been played an important role in crop protection served as insecticide, miticide, nematocide. It is also in veterinary and pharmaceutical industry served as raw materials for production of Abamectin, Emamectin Benzoate.

ADVANTAGES

- 1 Non-Mutagenic**
Non-Mutagenic in the Ames test
- 2 No Bioaccumulation**
Binds tightly to soil, with rapid degradation by soil micro-organisms. No bioaccumulation.
- 3 High Degradation**
ince abamectin is degraded in soil very quickly and since it has no herbicidal properties, a negative impact on succeeding or adjacent crops is very unlikely. No negative effects of abamectin applications on succeeding crops were seen. Undesirable or unintended side-effects are not expected.

Our Product

Abamectin 95% min. for Insecticide use

