



SCAN ME



SPINOSAD 92 %

PRODUCT DESCRIPTION

Spinosad is a mixture of spinosad A and Spinosad D, which are active ingredient produced by fermentation process, mainly used as insecticide, also used as animal health product, public hygiene, grain storage, etc

SPINOSAD A

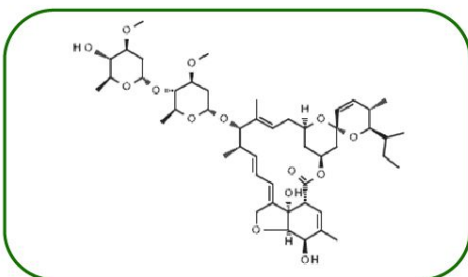
CAS No : 131929-60-7

Molecular Formula : C₄₁ H₆₅ NO₁₀

Relative Molecular Weight : 731.98

Chemical Name :

(2R, 3aS, 5aR, 5bS, 9S, 13S, 14R, 16aS, 16bR) -13- (5- (dimethylamino)) -6- methyltetrahydro -2H- pyran -2- oxygen) -9- ethyl -14- methyl -2-(3, 4, 5 -trimethoxyl -6- thyltetrahydro -2H- pyran -2- oxygen)-3, 3a, 5b, 6, 9, 10, 11, 12, 13, 14, 16a, 16b- dodecylhydro -1H- asymmetry- indaceno{3, 2-d} {1} oxacyclododecin- 7, 15(2H, 5aH)- dione



Spinosad A Molecular Structure

SPINOSAD D

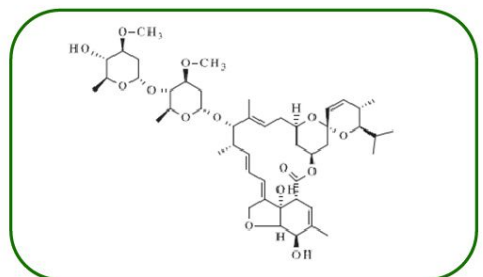
CAS No : 1131929-63-0

Molecular Formula : C₄₂H₆₇NO₁₀

Relative Molecular Weight : 745.99

Chemical Name :

(2R, 3aS, 5aR, 5bS, 9S, 13S, 14R, 16aS, 16bR) -13- (5- (dimethylamino)) -6- methyltetrahydro -2H- pyran -2- oxygen) -9- ethyl -4,14- dimethyl -2-(3, 4, 5 -trimethoxyl -6- thyltetrahydro -2H- pyran -2- oxygen)-3, 3a, 5b, 6, 9, 10, 11, 12, 13, 14, 16a, 16b- dodecylhydro -1H- asymmetry- indaceno{3, 2-d} {1} oxacyclododecin- 7, 15(2H, 5aH)- dione



Spinosad D Molecular Structure



SPINOSAD 92% DESCRIPTION

CHEMISTRY

Spinosad Used for Insecticide: It is almost no limitation used as insecticide to kill Lepidoptera larvae (worms or caterpillars), leafminers, fruit flies, leaf-chewing beetles, thrips, and others on hundred of crops including from greenhouse ornamentals, grain storage, to courtyard turf, flower, tree, to field crops of rice, soybean, corn, cotton, fruits, vegetables, tree nut, to aquatic plants, etc.

APPLICATION

It is almost no limitation used as insecticide to kill Lepidoptera larvae (worms or caterpillars), leafminers, fruit flies, leaf-chewing beetles, thrips, and others on hundred of crops including from greenhouse ornamentals, grain storage, to courtyard turf, flower, tree, to field crops of rice,

ADVANTAGES

- 1 Low Toxicity**
EPA has listed spinosad as category IV for its low toxicity, product labeled as CAUTION.
- 2 High Efficacy**
fast kill pest to protect crops; 1 gram spinosad used for 1 mt stored grain for almost one year; 1 tablet containing 150 mg spinosad can kill all the flea, ticks on pet within 4 hours.
- 3 High selective pesticide**
Spinosad is mainly effective to targeted pest, 70-90 percent of beneficial insects and predatory wasps are left unharmed
- 4 Eco-Friendly**
Spinosad does not leach, bioaccumulate, volatilize, or persist in the environment. It is safe to bee, mammals, bird, etc. So it is a environmental friendly pesticide. It has gained reward of Presidential Green Chemistry Challenge in 1999, and certified by USDA as green, organic pesticide to used for produce of organic fruit, grain, etc.

PACKAGING

25 KG/DRUM for Spinosad 92% min. Insecticide use;

