# Data Sheet (Cat.No.T13612)

C24H30N2O3



## Chromafenozide

Formula:

## **Chemical Properties**

CAS No.: 143807-66-3

Molecular Weight: 394.51

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

# **Biological Description**

Description	Chromafenozide (ANS118) (ANS118) is a lepidopteran insecticide with the effect of controlling various lepidopteran pests.
Targets(IC50)	Others

## **Solubility Information**

Solubility	MSO: 250 mg/mL (633.70 mM),Sonication is recommended.
(<	< 1 mg/ml refers to the product slightly soluble or insoluble)

#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5348 mL	12.6739 mL	25.3479 mL
5 mM	0.507 mL	2.5348 mL	5.0696 mL
10 mM	0.2535 mL	1.2674 mL	2.5348 mL
50 mM	0.0507 mL	0.2535 mL	0.507 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Abdelraheem E, Arief M, Mohammad SG, et al. Safety assessment of chromafenozide residue level with decline study on tomato in Egypt[J]. Environmental Monitoring & Assessment, 2017, 189(4):180.

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