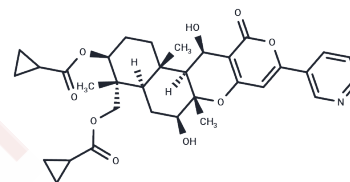


## Afidopyropen

## Chemical Properties

CAS No. :	915972-17-7
Formula:	C33H39NO9
Molecular Weight:	593.66
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Afidopyropen (ME-5343) effectively targets sucking insects including whiteflies, aphids, and leafhoppers by impacting the Nanchung (Nan) and Inactive (Iav) encoding genes, which influence the TRPV channel. This compound is highly degradable, making it suitable for use on various crops.
Targets(IC50)	TRP/TRPV Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6845 mL	8.4223 mL	16.8447 mL
5 mM	0.3369 mL	1.6845 mL	3.3689 mL
10 mM	0.1684 mL	0.8422 mL	1.6845 mL
50 mM	0.0337 mL	0.1684 mL	0.3369 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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