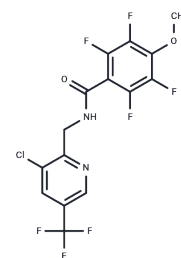


Fluopimomide

Chemical Properties

CAS No. :	1309859-39-9
Formula:	C ₁₅ H ₈ ClF ₇ N ₂ O ₂
Molecular Weight:	416.68
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	Fluopimomide (LH2010A), a powerful insecticide, is extensively utilized in the control of agricultural pests. It adversely affects the growth, locomotor behavior, reproduction, and lifespan of nematodes. Concurrently, it leads to increased production of reactive oxygen species (ROS), accumulation of lipids and lipofuscins, as well as a rise in malondialdehyde content. Additionally, Fluopimomide inhibits the antioxidant system of nematodes.
Targets(IC50)	Reactive Oxygen Species

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3999 mL	11.9996 mL	23.9992 mL
5 mM	0.480 mL	2.3999 mL	4.7998 mL
10 mM	0.240 mL	1.200 mL	2.3999 mL
50 mM	0.048 mL	0.240 mL	0.480 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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