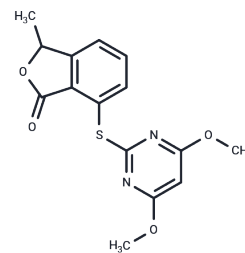


Pyrifthalid

Chemical Properties

CAS No. :	135186-78-6
Formula:	C ₁₅ H ₁₄ N ₂ O ₄ S
Molecular Weight:	318.35
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	Pyrifthalid is a novel insecticide known for its potent inhibitory activity against a variety of pests. It is widely utilized in agriculture to effectively manage crop pests, thereby enhancing both the yield and quality of crops. Additionally, research is exploring the use of Pyrifthalid in boosting plant resistance to pests and diseases.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1412 mL	15.706 mL	31.412 mL
5 mM	0.6282 mL	3.1412 mL	6.2824 mL
10 mM	0.3141 mL	1.5706 mL	3.1412 mL
50 mM	0.0628 mL	0.3141 mL	0.6282 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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