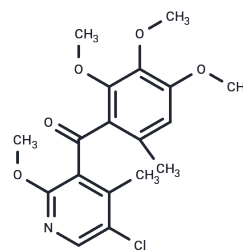


Pyriofenone

Chemical Properties

CAS No. :	688046-61-9
Formula:	C ₁₈ H ₂₀ ClNO ₅
Molecular Weight:	365.81
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	Pyriofenone (IKF-309) is an aryl phenyl ketone fungicide predominantly used to control powdery mildew on crops such as cereals, rice, fruit trees, and vegetables. It exhibits moderate efficacy against rice blast disease. Pyriofenone functions through prevention, residue activity, treatment, rainfastness, translaminar action, and fumigation.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7337 mL	13.6683 mL	27.3366 mL
5 mM	0.5467 mL	2.7337 mL	5.4673 mL
10 mM	0.2734 mL	1.3668 mL	2.7337 mL
50 mM	0.0547 mL	0.2734 mL	0.5467 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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