Data Sheet (Cat.No.T201227)

TargetMol

Pyraoxystrobin

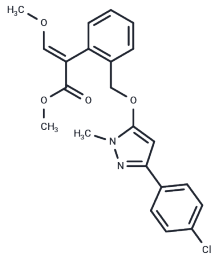
Chemical Properties

CAS No. : 862588-11-2

Formula: C22H21ClN2O4

Molecular Weight: 412.87

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	Pyraoxystrobin, a QoI-type fungicide, exhibits an EC50 of 0.0094 μg/mL against Magnaporthe oryzae (M. oryzae) isolates. It is utilized in the study of rice blast fungus in paddy fields.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4221 mL	12.1103 mL	24.2207 mL
5 mM	0.4844 mL	2.4221 mL	4.8441 mL
10 mM	0.2422 mL	1.211 mL	2.4221 mL
50 mM	0.0484 mL	0.2422 mL	0.4844 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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