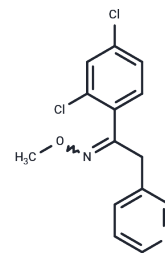


Pyrifenox

Chemical Properties

CAS No. :	88283-41-4
Formula:	C ₁₄ H ₁₂ Cl ₂ N ₂ O
Molecular Weight:	295.16
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	Pyrifenox is a pesticide and azole inhibitor.
Targets(IC50)	Others,Antifungal

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.388 mL	16.940 mL	33.8799 mL
5 mM	0.6776 mL	3.388 mL	6.776 mL
10 mM	0.3388 mL	1.694 mL	3.388 mL
50 mM	0.0678 mL	0.3388 mL	0.6776 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.

Reference

- Deweert C, Siah A, Sahmer K, Halama P. Evolution of *Mycosphaerella graminicola* resistance to epoxiconazole and pyrifenoxy in northern France. *Commun Agric Appl Biol Sci*. 2012;77(3):109-15. PubMed PMID: 23878964.
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- Flores P, Lacasa A, Fernández P, Hellín P, Fenoll J. Impact of biofumigation with solarization on degradation of pesticides and heavy metal accumulation. *J Environ Sci Health B*. 2008 Aug;43(6):513-8. doi: 10.1080/03601230802174698. PubMed PMID: 18665988.
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