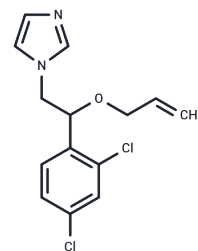


Imazalil

Chemical Properties

CAS No. :	35554-44-0
Formula:	C ₁₄ H ₁₄ Cl ₂ N ₂ O
Molecular Weight:	297.18
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Enilconazole is an Agricultural fungicide Enilconazole is a fungicide widely used in agriculture, particularly in the growing of citrus fruits. It is also called Imazalil (Enilconazole), Chloramizole, Freshgard, Fungaflor, and Nuzone
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 25 mg/mL (84.12 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.365 mL	16.8248 mL	33.6496 mL
5 mM	0.673 mL	3.365 mL	6.7299 mL
10 mM	0.3365 mL	1.6825 mL	3.365 mL
50 mM	0.0673 mL	0.3365 mL	0.673 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.

Reference

Ruiz-Rodríguez L, et al. Food Chem. 2015 Jul 1;178:179-85.

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