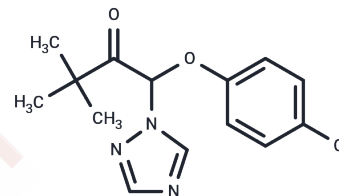


Triadimefon

Chemical Properties

CAS No. :	43121-43-3
Formula:	C ₁₄ H ₁₆ ClN ₃ O ₂
Molecular Weight:	293.75
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	Triadimefon is an azole fungicide used to control powdery mildew.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 45 mg/mL (153.19 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	3.4043 mL	17.0213 mL	34.0426 mL
5 mM	0.6809 mL	3.4043 mL	6.8085 mL
10 mM	0.3404 mL	1.7021 mL	3.4043 mL
50 mM	0.0681 mL	0.3404 mL	0.6809 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

Asami T, Mizutani M, Shimada Y, et al. Triadimefon, a fungicidal triazole-type P450 inhibitor, induces brassinosteroid deficiency-like phenotypes in plants and binds to DWF4 protein in the brassinosteroid biosynthesis pathway[J]. Biochemical Journal, 2003, 369(1):71-76.

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