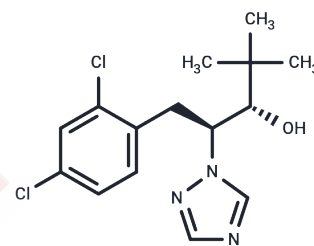


Diclobutrazol

Chemical Properties

CAS No. :	75736-33-3
Formula:	C ₁₅ H ₁₉ Cl ₂ N ₃ O
Molecular Weight:	328.24
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	Diclobutrazol is a potent systemic fungicide effective against rusts, powdery mildews, and other fungal phytopathogens. It exhibits high activity in controlling various crop diseases, making it a valuable pesticide option.
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0466 mL	15.2328 mL	30.4655 mL
5 mM	0.6093 mL	3.0466 mL	6.0931 mL
10 mM	0.3047 mL	1.5233 mL	3.0466 mL
50 mM	0.0609 mL	0.3047 mL	0.6093 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

- Bicchi C, et, al. Simultaneous determination of six triazolic pesticide residues in apple and pear pulps by liquid chromatography with ultraviolet diode array detection. J AOAC Int. Sep-Oct 2001;84(5):1543-50.
- Mercer EI, et, al. Effect of some sterol-biosynthesis-inhibiting fungicides on the biosynthesis of polyisoprenoid compounds in barley seedings. Steroids. Mar-May 1989;53(3-5):393-412.
- Lamb DC, et, al. Differential inhibition of human CYP3A4 and Candida albicans CYP51 with azole antifungal agents. Chem Biol Interact. 2000 Mar 15;125(3):165-75.

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