

Hexaconazole

Catalog No: tcsc5814



Available Sizes

Size: 100mg

Size: 500mg

Size: 1g

Size: 5g



Specifications

CAS No:

79983-71-4

Formula:

$C_{14}H_{17}Cl_2N_3O$

Pathway:

Anti-infection

Target:

Fungal

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

(-)-Hexaconazol

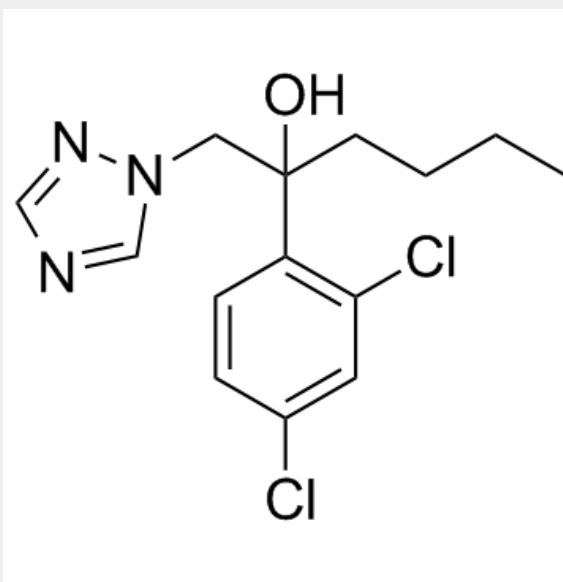
Observed Molecular Weight:

314.21

Product Description

Hexaconazole is a systemic fungicide used for the control of many fungi particularly Ascomycetes and Basidiomycetes.

In vitro: Among the enzymatic antioxidants, superoxide dismutase and peroxidase are significantly up-regulated by hexaconazole.
[1] Hexaconazole and its enantiomers cause the down-regulation of tryptophan levels and the up-regulation of kynurenine (KYN) levels, suggesting a role for hexaconazole in the activation of the KYN pathway and providing information for the mechanism of its toxicity.[2]



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