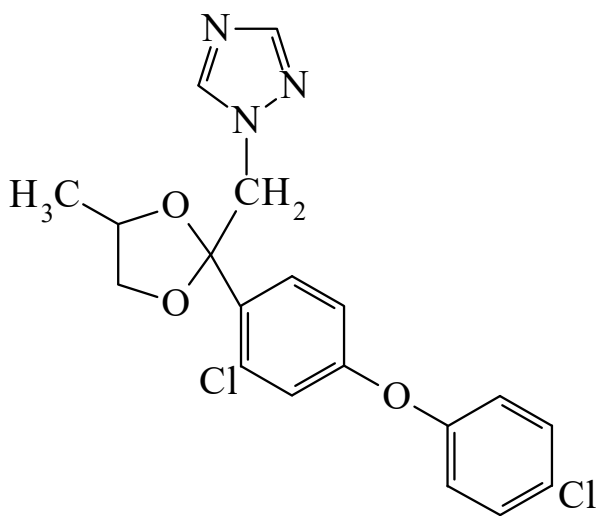




>>Entry Name: Difenconazole, BSI

Synonym(s): 1-[[2-[2-Chloro-4-(4-chlorophenoxy)phenyl]-4-methyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole, 9Cl. CGA 169374



CAS Registry Number: 119446-68-3

Molecular Formula: C₁₉H₁₇Cl₂N₃O₃

Molecular Weight: 406.267

Accurate Mass: 405.064696

Percentage Composition: C 56.17%; H 4.22%; Cl 17.45%; N 10.34%; O 11.81%

Use/Importance: Fungicide. Steroid demethylation inhibitor

Physical Description: Solid

Melting Point: Mp 76°

Boiling Point: Bp_{0.03} 220°

Other Data: Presumably a mixt. of stereoisomers

Hazard & Toxicity: LD₅₀ (rat, orl) 1453 mg/kg

References:

Ruess, W. *et al.*, *Br. Crop Prot. Conf. - Pests Dis., Proc.*, 1988, 543; 917, (activity)

Pesticide Manual, 9th edn., 1991, 277