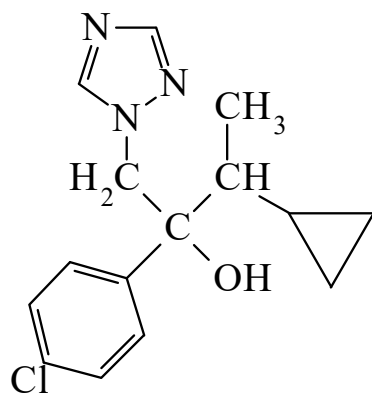




>>Entry Name: Cyproconazole, BSI

Synonym(s): α -(4-Chlorophenyl)- α -(1-cyclopropylethyl)-1*H*-1,2,4-triazole-1-ethanol, 9Cl. 2-(4-Chlorophenyl)-3-cyclopropyl-1-(1*H*-1,2,4-triazol-1-yl)-2-butanol. SAN 619F



CAS Registry Number: 94361-06-5

Related CAS Registry Numbers(s): 94361-07-6 107864-90-4 113096-99-4

Molecular Formula: C₁₅H₁₈ClN₃O

Molecular Weight: 291.779

Accurate Mass: 291.113839

Percentage Composition: C 61.75%; H 6.22%; Cl 12.15%; N 14.40%; O 5.48%

Use/Importance: Fungicide. Steroid demethylation inhibitor

Physical Description: Solid

Melting Point: Mp 103-105°

Other Data: Cyproconazole refers to a specific diastereoisomer mixt.

Hazard & Toxicity: LD₅₀ (rat, orl) 1020 mg/kg

References:

Ger. Pat., 1984, 3 406 993; *CA*, **102**, 62240m, (*synth, activity*)

Kataria, H.R. *et al.*, *Crop Prot. Agents Their Biol. Eval., Proc. Int. Conf.*, 1990, **9**, 403, (*activity*)

Warner, J., *Phytoprotection*, 1990, **71**, 1, (*activity*)

Pesticide Manual, 9th edn., 1991, 215