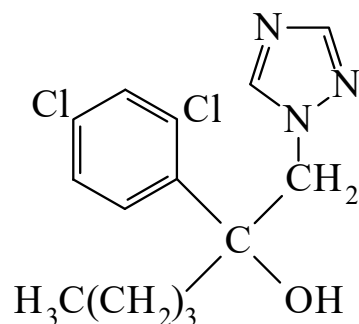




>>Entry Name: Hexaconazole, ANSI, BSI

Synonym(s): α -Butyl- α -(2,4-dichlorophenyl)-1*H*-1,2,4-triazole-1-ethanol, 9Cl. 2-(2,4-Dichlorophenyl)-1-(1*H*-1,2,4-triazol-1-yl)-2-hexanol



CAS Registry Number: 103556-63-4

Molecular Formula: C₁₄H₁₇Cl₂N₃O

Molecular Weight: 314.213

Accurate Mass: 313.074866

Percentage Composition: C 53.52%; H 5.45%; Cl 22.57%; N 13.37%; O 5.09%

>>Variant: ($\pm$)-form

Synonym(s): Anvil. Planete

CAS Registry Number: 79983-71-4

Molecular Formula: C₁₄H₁₇Cl₂N₃O

Molecular Weight: 314.213

Accurate Mass: 313.074866

Percentage Composition: C 53.52%; H 5.45%; Cl 22.57%; N 13.37%; O 5.09%

Use/Importance: Fungicide. Steroid demethylation inhibitor

Physical Description: Cryst.

Melting Point: Mp 111°

Hazard & Toxicity: LD₅₀ (rat, orl) 2189 mg/kg

References:

Eur. Pat., 1982, 47 594; *CA*, **97**, 127641t, (*synth, activity*)

Shephard, M.C. *et al.*, *Br. Crop Prot. Conf. - Pests Dis., Proc.*, 1986, 19, (*activity, use*)

Worthington, P.A., *Pestic. Sci.*, 1991, **31**, 457, (*rev*)

Pesticide Manual, 9th edn., 1991, No. 7085