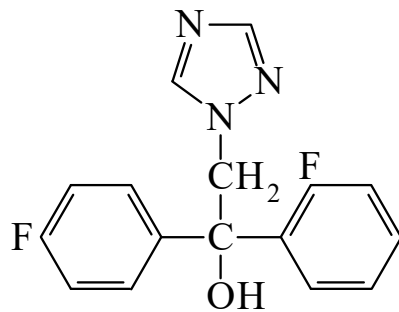




>>Entry Name: Flutriafol, ANSI, BSI

Synonym(s): α -(2-Fluorophenyl)- α -(4-fluorophenyl)-1*H*-1,2,4-triazole-1-ethanol, 9Cl. 2,4'-Difluoro- α -(1*H*-1,2,4-triazol-1-ylmethyl)benzhydryl alcohol. Impact. Vincit. PP450



CAS Registry Number: 76674-21-0

Related CAS Registry Numbers(s): 87676-93-5

Molecular Formula: C₁₆H₁₃F₂N₃O

Molecular Weight: 301.295

Accurate Mass: 301.102668

Percentage Composition: C 63.78%; H 4.35%; F 12.61%; N 13.95%; O 5.31%

>>Variant: (±)-form

Molecular Formula: C₁₆H₁₃F₂N₃O

Molecular Weight: 301.295

Accurate Mass: 301.102668

Percentage Composition: C 63.78%; H 4.35%; F 12.61%; N 13.95%; O 5.31%

Use/Importance: Fungicide, steroid demethylation inhibitor

Physical Description: Cryst.

Melting Point: Mp 130°

Hazard & Toxicity: LD₅₀ (rat, orl) 1140 mg/kg

References:

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

Baldwin, B.C. *et al.*, *Meded. Fac. Landbouwwet., Rijksuniv. Gent*, 1984, **49**, 303, (*activity*)

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

Pesticide Manual, 9th edn., 1991, No. 6675