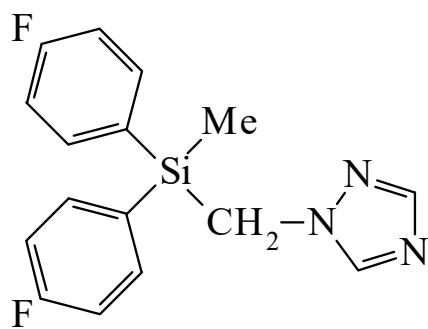




>>Entry Name: Flusilazole

ENTRY UNDER REVIEW

Synonym(s): 1-[[Bis(4-fluorophenyl)methylsilyl]methyl]-1*H*-1,2,4-triazole, 9Cl. Bis(4-fluorophenyl)methyl(1*H*-1,2,4-triazol-1-ylmethyl)silane. Flusilazol. DPD 78710F. PPX-H6573. DPX-N6573. Punch (pesticide). Punch 40EC. Nustar



CAS Registry Number: 85509-19-9

Molecular Formula: C₁₆H₁₅F₂N₃Si

Molecular Weight: 315.397

Accurate Mass: 315.10033

Percentage Composition: C 60.93%; H 4.79%; F 12.05%; N 13.32%; Si 8.90%

Use/Importance: Broad-spectrum fungicide. Highly potent. Controls broad spectrum of diseases on economically important crops

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 48° (53°)

Hazard & Toxicity: LD₅₀ (rat, orl) 1110 mg/kg

References:

Tacke, R. *et al.*, *Appl. Organomet. Chem.*, 1989, **3**, 133, (*synth, cryst struct, pmr, cmr, ms use*)

Pesticide Manual, 9th edn., 1991, No. 6664