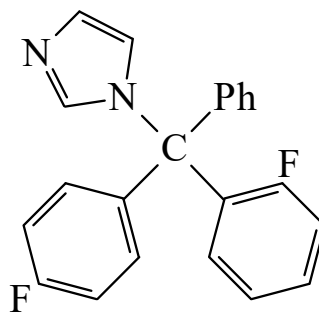




>>Entry Name: Flutrimazole, BAN, INN

Synonym(s): 1-[(2-Fluorophenyl)(4-fluorophenyl)phenylmethyl]-1*H*-imidazole, 9CI. Micetal. UR 4056



CAS Registry Number: 119006-77-8

Molecular Formula: C₂₂H₁₆F₂N₂

Molecular Weight: 346.379

Accurate Mass: 346.128154

Percentage Composition: C 76.29%; H 4.66%; F 10.97%; N 8.09%

Use/Importance: Antifungal agent. Shows potent broad-spectrum *in vitro* activity against dermatophytes

Development Status: Launched 1995 (Spain)

Calculated Log P Data: Log P 4.63 (calc)

Other Data: Analogue of Clotrimazole [HFB26-W](#)

Hazard & Toxicity: LD₅₀ (rat, orl) 808 mg/kg. LD₅₀ (rat, ipr) 1079 mg/kg

>>Variant: (±)-form

Molecular Formula: C₂₂H₁₆F₂N₂

Molecular Weight: 346.379

Accurate Mass: 346.128154

Percentage Composition: C 76.29%; H 4.66%; F 10.97%; N 8.09%

Physical Description: Solid (MeCN)

Melting Point: Mp 161-163°

References:

Eur. Pat., 1990, *Uriach*, 352 352; *CA*, **113**, 40676h, (*synth, pharmacol*)

Bartoli, J. *et al.*, *Arzneim.-Forsch.*, 1992, **42**, 832, (*pharmacol, synth, ir, cmr*)

Garcia Rafanell, J. *et al.*, *Arzneim.-Forsch.*, 1992, **42**, 836, (*pharmacol*)

Conte, L. *et al.*, *Arzneim.-Forsch.*, 1992, **42**, 847, (*pharmacol*)