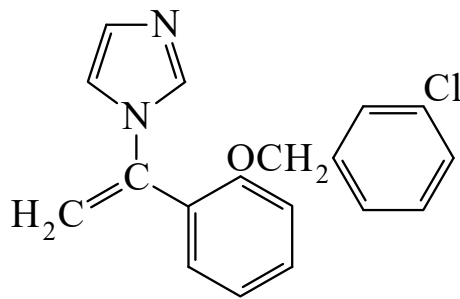




>>Entry Name: Croconazole, INN

Synonym(s): 1-[1-[2-[(3-Chlorophenyl)methoxy]phenyl]ethenyl]-1*H*-imidazole, 9Cl. Cloconazole



CAS Registry Number: 77175-51-0

Molecular Formula: C₁₈H₁₅ClN₂O

Molecular Weight: 310.782

Accurate Mass: 310.08729

Percentage Composition: C 69.57%; H 4.86%; Cl 11.41%; N 9.01%; O 5.15%

Use/Importance: Antifungal agent

Physical Description: Cryst. (hexane)

Development Status: Launched 1986

Melting Point: Mp 72-73°

Calculated Log P Data: Log P 4.7 (uncertain value) (calc)

>>Derivative: Hydrochloride

Synonym(s): Croconazole hydrochloride, JAN. Pilzcin. Pirutsusin. 710674 S

CAS Registry Number: 77174-66-4

Physical Description: Cryst. (EtOAc/MeCN)

Melting Point: Mp 148.5-150°

Hazard & Toxicity: LD₅₀ (rat, orl) 2000 mg/kg. LD₅₀ (rat, ipr) 204 mg/kg. Exp. reprod. and teratogenic effects

References:

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Nakano, M. *et al.*, *Xenobiotica*, 1990, **20**, 385, (*metab*)

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