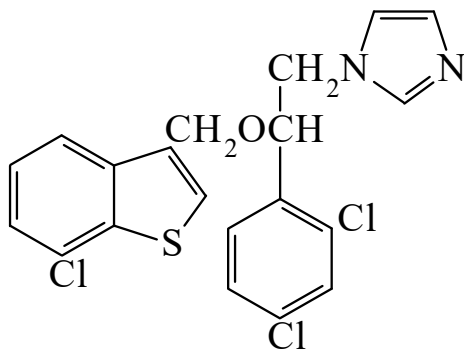




>>Entry Name: Sertaconazole, INN

Synonym(s): 1-[2-[(7-Chlorobenzo[*b*]thien-3-yl)methoxy]]-2-[(2,4-dichlorophenyl)ethyl]-1*H*-imidazole, 9Cl



CAS Registry Number: 99592-32-2

Molecular Formula: C₂₀H₁₅Cl₃N₂OS

Molecular Weight: 437.775

Accurate Mass: 435.997064

Percentage Composition: C 54.87%; H 3.45%; Cl 24.30%; N 6.40%; O 3.65%; S 7.32%

Use/Importance: Topical antifungal agent

Calculated Log P Data: Log P 6.31 (uncertain value) (calc)

>>Variant: (±)-form

Molecular Formula: C₂₀H₁₅Cl₃N₂OS

Molecular Weight: 437.775

Accurate Mass: 435.997064

Percentage Composition: C 54.87%; H 3.45%; Cl 24.30%; N 6.40%; O 3.65%; S 7.32%

Use/Importance: Antifungal agent

Melting Point: Mp 146-147°

>>Derivative: Nitrate

Synonym(s): Dermofix. Zalain

CAS Registry Number: 99592-39-9

Development Status: Launched 1992 (Spain)

Melting Point: Mp 156-157°

References:

Eur. Pat., 1985, 151 477; *CA*, **104**, 19591f, (*synth, pharmacol*)

Raga, M. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1986, **21**, 329, (*synth, pharmacol*)

Raga, M.M. *et al.*, *Arzneim.-Forsch.*, 1992, **42**, 691, (*revs*)