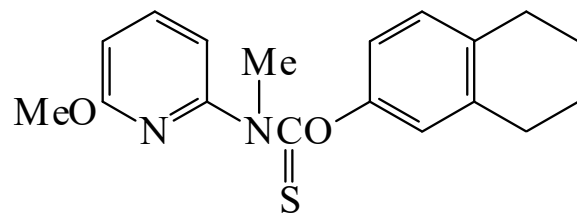




>>Entry Name: Liranaftate, INN

Synonym(s): *O*-(5,6,7,8-Tetrahydro-2-naphthalenyl) (6-methoxy-2-pyridinyl)methylcarbamothioate, 9Cl. Peritetratate. Piritetratate. Tenapirilate. M 732



CAS Registry Number: 88678-31-3

Molecular Formula: C₁₈H₂₀N₂O₂S

Molecular Weight: 328.434

Accurate Mass: 328.124548

Percentage Composition: C 65.83%; H 6.14%; N 8.53%; O 9.74%; S 9.76%

Use/Importance: Antifungal agent. Used in the treatment of human dermatophytoses

Melting Point: Mp 98.5-99.5°

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

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

References:

Belg. Pat., 1983, *Toyo Soda*, 897 021; *CA*, **101**, 7029d, (*synth, activity*)

Eur. Pat., 1986, *Toyo Soda*, 194 562; *CA*, **106**, 138259, (*synth, props*)

Iwata, K. *et al.*, *Antimicrob. Agents Chemother.*, 1989, **33**, 2118, (*activity*)

Iwata, K. *et al.*, *Chemotherapy (Tokyo)*, 1990, **38**, 435, (*activity*)