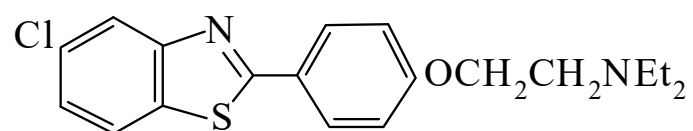




>>Entry Name: Haletazole, INN

Synonym(s): 5-Chloro-2-[4-(2-diethylaminoethoxy)phenyl]benzothiazole. Halethazole, BAN. Episol



CAS Registry Number: 15599-36-7

Molecular Formula: C₁₉H₂₁ClN₂OS

Molecular Weight: 360.906

Accurate Mass: 360.10631

Percentage Composition: C 63.23%; H 5.86%; Cl 9.82%; N 7.76%; O 4.43%; S 8.88%

Use/Importance: Antifungal agent

Physical Description: Cryst. (EtOH)

Melting Point: Mp 93-94°

Calculated Log P Data: Log P 5.91 (calc)

>>Derivative: Hydrochloride

Physical Description: Cryst. (H₂O)

Melting Point: Mp 228°

>>Derivative: Citrate

Physical Description: Cryst. (H₂O)

Melting Point: Mp 167°

>>Derivative: Oxalate

Melting Point: Mp 171-172°

>>Derivative: Tartrate

Melting Point: Mp 121-132°

References:

Cossey, H.D. *et al.*, *J.C.S.*, 1963, 4322, (*synth*)

Cossey, H.D. *et al.*, *Arzneim.-Forsch.*, 1966, **16**, 33, (*pharmacol*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 2584