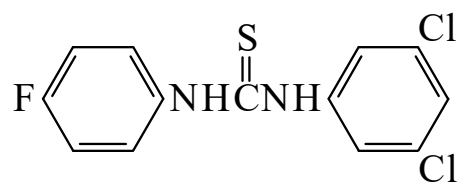




>>Entry Name: Loflucarban, INN

Synonym(s): *N*-(3,5-Dichlorophenyl)-*N'*-(4-fluorophenyl)thiourea, 9Cl. 3,5-Dichloro-4'-fluorothiocarbanilide, 8Cl. Clofluonide. Fluonid Orion. Fluonilid



CAS Registry Number: 790-69-2

Molecular Formula: C₁₃H₉Cl₂FN₂S

Molecular Weight: 315.197

Accurate Mass: 313.98475

Percentage Composition: C 49.54%; H 2.88%; Cl 22.50%; F 6.03%; N 8.89%; S 10.17%

Use/Importance: Antifungal, antibacterial, antiinflammatory agent

Physical Description: Cryst. (EtOH)

Melting Point: Mp 148°

Calculated Log P Data: Log P 5.08 (calc)

References:

Jadin, J. *et al.*, *Ann. Soc. Belge Med. Trop.*, 1962, **42**, 871; *CA*, **59**, 4293c, (*activity*)

Belg. Pat., 1962, *Madan*, 613 154; *CA*, **58**, 474f, (*synth, pharmacol*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 328