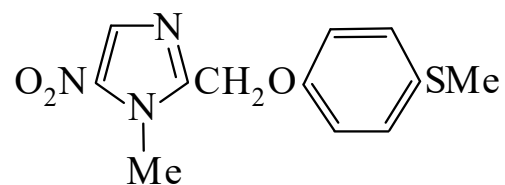




>>Entry Name: Fexinidazole, INN

Synonym(s): 1-Methyl-2-[[4-(methylthio)phenoxy]methyl]-5-nitroimidazole, gCl. Hoechst 239



CAS Registry Number: 59729-37-2

Molecular Formula: C₁₂H₁₃N₃O₃S

Molecular Weight: 279.319

Accurate Mass: 279.067762

Percentage Composition: C 51.60%; H 4.69%; N 15.04%; O 17.18%; S 11.48%

Use/Importance: Antiprotozoal agent (trichomonacide)

Physical Description: Pale-yellow cryst. (MeOH)

Development Status: Never marketed

Melting Point: Mp 116°

Calculated Log P Data: Log P 2.21 (uncertain value) (calc)

References:

Ger. Pat., 1977, *Hoechst*, 2 531 303; *CA*, **86**, 140051t, (*synth, pharmacol*)

Winkelmann, E. *et al.*, *Arzneim.-Forsch.*, 1978, **28**, 739, (*pharmacol*)

Raether, W. *et al.*, *Ann. Trop. Med. Parasitol.*, 1983, **77**, 13, (*activity*)