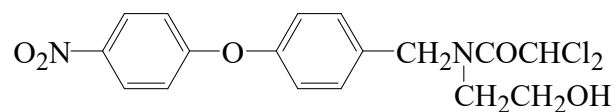




>>Entry Name: Clefamide, BAN, INN

Synonym(s): 2,2-Dichloro-*N*-(2-hydroxyethyl)-*N*-[[4-(4-nitrophenoxy)phenyl]methyl]acetamide, 9Cl. 2,2-Dichloro-*N*-(2-hydroxyethyl)-*N*-[*p*-(*p*-nitrophenoxy)benzyl]acetamide, 8Cl. Chlorphenoxamide. Chlorophenoxamide. Mebinol. Moebinol



CAS Registry Number: 3576-64-5

Molecular Formula: C₁₇H₁₆Cl₂N₂O₅

Molecular Weight: 399.229

Accurate Mass: 398.043627

Percentage Composition: C 51.15%; H 4.04%; Cl 17.76%; N 7.02%; O 20.04%

Use/Importance: Antiamoebic drug

Physical Description: Lemon-yellow powder (EtOH)

Melting Point: Mp 136-137°

Solubility: Sol. EtOH, dioxan, Me₂CO

Calculated Log P Data: Log P 4.03 (uncertain value) (calc)

References:

Logemann, W. *et al.*, *Farmaco, Ed. Sci.*, 1958, **13**, 139, (*synth, props*)

De Carneri, I. *et al.*, *Antibiot. Chemother. (Washington, D.C.)*, 1960, **10**, 626, (*pharmacol*)

U.S. Pat., 1960, 2 824 894; *CA*, **54**, 19593, (*synth*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 511