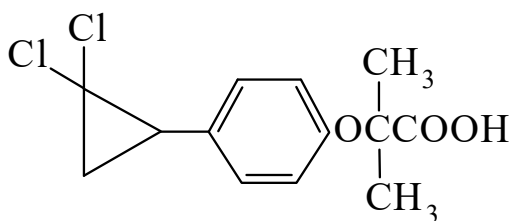




>>Entry Name: Ciprofibrate, BAN, INN, USAN

Synonym(s): 2-[4-(2,2-Dichlorocyclopropyl)phenoxy]-2-methylpropanoic acid, 9Cl. Ciprol. Lipanor. Win 35833



CAS Registry Number: 52214-84-3

Molecular Formula: C₁₃H₁₄Cl₂O₃

Molecular Weight: 289.157

Accurate Mass: 288.031999

Percentage Composition: C 54.00%; H 4.88%; Cl 24.52%; O 16.60%

Use/Importance: Hypolipidaemic agent. Effective in type IIa, IIb, III and IV hyperlipoproteinaemias and increases high-density lipoprotein

Physical Description: Pale cream solid (hexane)

Development Status: Launched 1985

Melting Point: Mp 114-116°

Calculated Log P Data: Log P 3.15 (calc)

Hazard & Toxicity: Potent peroxisome proliferator. Nongenotoxic rodent carcinogen

Sigma: C0330

References:

Fr. Pat., 1974, *Sterling Drug*, 2 197 586; *CA*, **82**, 43059m, (*synth, pharmacol*)

Arnold, A. *et al.*, *J. Pharm. Sci.*, 1979, **68**, 1557, (*props*)

Beyer, K.H. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1982, **315**, 1049, (*metab*)

Gibson, G. *et al.*, *Peroxisomes: Biology and Importance in Toxicology and Medicine*, Taylor and Francis, London, 1993, (*rev*)

Masnatta, L.D. *et al.*, *J. Chromatogr., B: Biomed. Appl.*, 1996, **687**, 437, (*hplc*)

Martindale, The Extra Pharmacopoeia, 31st edn., Pharmaceutical Press, 1996, 1304

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, CMS210