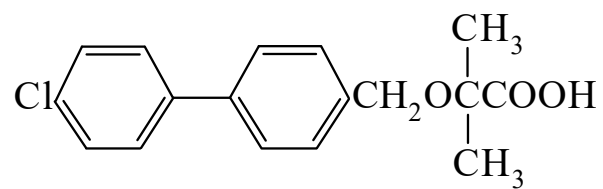




>>Entry Name: Clobuzarit, BAN, INN

Synonym(s): 2-[(4'-Chloro[1,1'-biphenyl]-4-yl)methoxy]-2-methylpropanoic acid, 9Cl. 2-[[p-(p-Chlorophenyl)benzyl]oxy]-2-methylpropionic acid, 8Cl. Clozic. ICI 55897



CAS Registry Number: 22494-47-9

Molecular Formula: C₁₇H₁₇ClO₃

Molecular Weight: 304.772

Accurate Mass: 304.086622

Percentage Composition: C 67.00%; H 5.62%; Cl 11.63%; O 15.75%

Use/Importance: Antirheumatic and antihyperlipidaemic agent

Development Status: Never marketed

Melting Point: Mp 154-155°

Calculated Log P Data: Log P 4.69 (calc)

Hazard & Toxicity: Peroxisome proliferator

References:

U.K. Pat., 1969, ICI, 1 140 748; CA, **70**, 106212f, (synth, pharmacol)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 15317

Foster, S.J. et al., Biochem. Pharmacol., 1983, **32**, 461, (props)

Orton, T.C. et al., Toxicol. Appl. Pharmacol., 1984, **73**, 138, (tox)