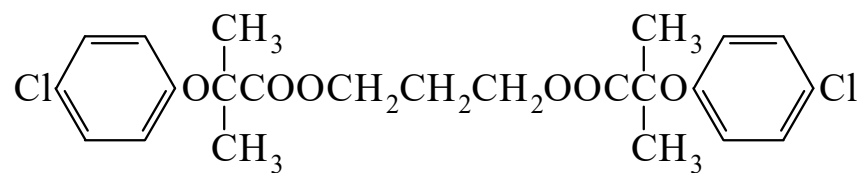




>>Entry Name: Simfibrate, INN, JAN

Synonym(s): 1,3-Propanediyl 2-(4-chlorophenoxy)-2-methylpropanoate, 9Cl. Trimethylene 2-(*p*-chlorophenoxy)-2-methylpropionate, 8Cl. Trimethylenebis(clofibrate). Cholesolvin. Diclofibrate. Fibrafit. Halofide. Liposolvin. Sinfibrex. CLY 503



CAS Registry Number: 14929-11-4

Related CAS Registry Numbers(s): 7314-47-8

Molecular Formula: C₂₃H₂₆Cl₂O₆

Molecular Weight: 469.36

Accurate Mass: 468.110644

Percentage Composition: C 58.86%; H 5.58%; Cl 15.11%; O 20.45%

Use/Importance: Antihypercholesterolaemic, lipid regulating agent. Peroxisome proliferator

Melting Point: Mp 51-53°

Boiling Point: Bp_{0.15} 220-230°

Calculated Log P Data: Log P 6.14 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 7300 mg/kg. LD₅₀ (rat, ipr) 4450 mg/kg

References:

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Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 993

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