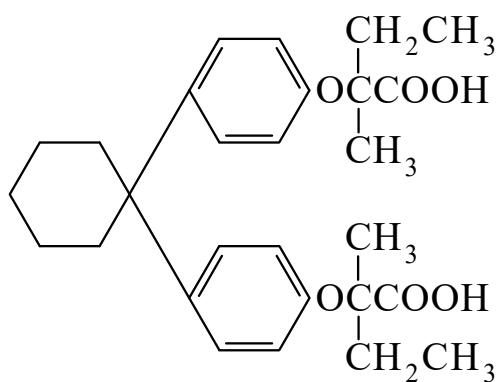




>>Entry Name: **Clinofibrate**, INN, JAN

Synonym(s): 2,2'-[Cyclohexylidenebis(4,1-phenyleneoxy)]bis[2-methylbutanoic acid], 9CI. Lipaderin. Lipirate. Lipoclin. Prinmate. S-8527



CAS Registry Number: 30299-08-2

Related CAS Registry Numbers(s): 71603-11-7 71603-12-8 71603-13-9 76149-23-0

Molecular Formula: C₂₈H₃₆O₆

Molecular Weight: 468.589

Accurate Mass: 468.25119

Percentage Composition: C 71.77%; H 7.74%; O 20.49%

General Statement: Three isomers separated but no props. reported

Use/Importance: Weak peroxisome proliferator. Antihyperlipidaemic agent

Physical Description: Off-white powder

Melting Point: Mp 143-146 dec.°

Calculated Log P Data: Log P 6.98 (calc)

Hazard & Toxicity: LD₅₀ (rat, ipr) 205 mg/kg

References:

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Robinson, C.P., *Drugs of Today (Barcelona)*, 1982, **18**, 220, (rev, pharmacol)

Watanabe, T. *et al.*, *J. Pharmacobio-Dyn.*, 1987, **10**, 142, (pharmacol)

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, CMV700