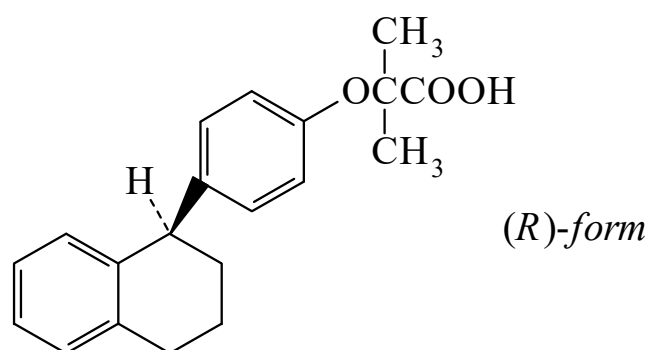




>>Entry Name: Nafenopin, BAN, INN, USAN

Synonym(s): 2-Methyl-2-[4-(1,2,3,4-tetrahydro-1-naphthalenyl)phenoxy]propanoic acid, 9CI. Melipan. Nafenoic acid. SU 13437



CAS Registry Number: 3771-19-5

Related CAS Registry Numbers(s): 32147-35-6 32147-37-8

Molecular Formula: C₂₀H₂₂O₃

Molecular Weight: 310.392

Accurate Mass: 310.156895

Percentage Composition: C 77.39%; H 7.14%; O 15.46%

Use/Importance: Antihyperlipidaemic agent

Development Status: Discontinued

Calculated Log P Data: Log P 5.07 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 900 mg/kg. A non-genotoxic, potent peroxisome proliferator with exp. carcinogenic props.

>>Variant: (R)-form

CAS Registry Number: 32147-36-7

Molecular Formula: C₂₀H₂₂O₃

Molecular Weight: 310.392

Accurate Mass: 310.156895

Percentage Composition: C 77.39%; H 7.14%; O 15.46%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 117-118°

Optical Rotation: [α]_D²⁵ -27 (c, 1.42 in MeOH)

References:

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Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 1351

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