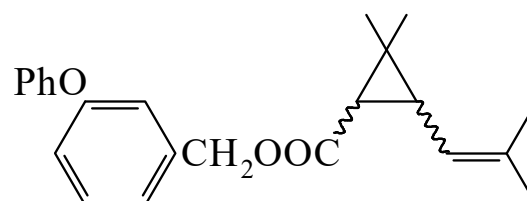




>>Entry Name: Phenothrin, BAN, BSI, INN, JAN

Synonym(s): (3-Phenoxyphenyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate, 9CI. 3-Phenoxybenzyl chrysanthemate. Sumithrin. S 2539. Phenoxythrin



CAS Registry Number: 26002-80-2

Related CAS Registry Numbers(s): 26046-85-5 51134-88-4 51186-86-8 51186-87-9 51186-88-0 66036-31-5 74430-92-5 74430-94-7

Molecular Formula: C₂₃H₂₆O₃

Molecular Weight: 350.457

Accurate Mass: 350.188195

Percentage Composition: C 78.83%; H 7.48%; O 13.70%

Use/Importance: Public health insecticide, pediculicide

Physical Description: Liq.

Solubility: V. spar. sol. H₂O, misc. most org. solvs.

Density: d₂₅²⁵ 1.061

Refractive Index: n_D²⁵ 1.5482

Calculated Log P Data: Log P 6.94 (calc)

Other Data: Physical data given refer to d-Phenothrin

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg

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