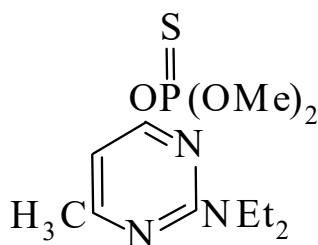




>>Entry Name: Pirimiphos-methyl, BSI

Synonym(s): *O*-[2-(Diethylamino)-6-methyl-4-pyrimidinyl] *O,O*-dimethyl phosphorothioate, 9Cl, 8Cl. Actellic. Actellifog. Blex. Silo San. PP 511



CAS Registry Number: 29232-93-7

Molecular Formula: C₁₁H₂₀N₃O₃PS

Molecular Weight: 305.337

Accurate Mass: 305.096299

Percentage Composition: C 43.27%; H 6.60%; N 13.76%; O 15.72%; P 10.14%; S 10.50%

Use/Importance: Insecticide, acaricide. Cholinesterase inhibitor

Physical Description: Straw-coloured oil

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

Density: d³⁰ 1.157

Calculated Log P Data: Log P 3.2 (calc)

Hazard & Toxicity: Less toxic than di-Et ester. LD₅₀ (rat, skn) 2000 mg/kg; LD₅₀ (rat, orl) 1250 mg/kg

References:

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