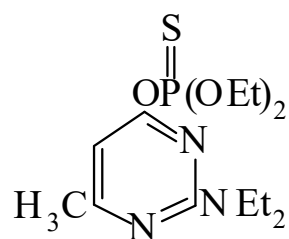




>>Entry Name: Pirimiphos-ethyl, ANSI, BAN, BSI, ISO

Synonym(s): *O*-(2-Diethylamino-6-methyl-4-pyrimidinyl) *O,O*-diethyl phosphorothioate. Fernex. PP 211. Solgard



CAS Registry Number: 23505-41-1

Molecular Formula: C₁₃H₂₄N₃O₃PS

Molecular Weight: 333.391

Accurate Mass: 333.127599

Percentage Composition: C 46.83%; H 7.26%; N 12.60%; O 14.40%; P 9.29%; S 9.62%

Use/Importance: Broad range insecticide and acaricide

Physical Description: Liq.

Density: d₂₀²⁰ 1.14

Refractive Index: n_D²⁵ 1.5200

Calculated Log P Data: Log P 3.88 (calc)

Other Data: Dec. >130°

Hazard & Toxicity: LD₅₀ (rat, orl) 140 mg/kg. LD₅₀ (rat, skn) 1000 mg/kg

References:

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, DIN600