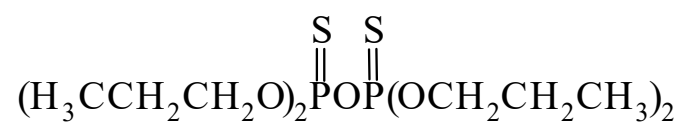




>>Entry Name: Tetrapropyl thiodiphosphate, 9CI

Synonym(s): *O,O,O',O'*-Tetrapropyl dithiopyrophosphate. *O,O*-Dipropyl phosphorothioate anhydride. Aspon



CAS Registry Number: 3244-90-4

Molecular Formula: C₁₂H₂₈O₅P₂S₂

Molecular Weight: 378.43

Accurate Mass: 378.085339

Percentage Composition: C 38.09%; H 7.46%; O 21.14%; P 16.37%; S 16.95%

Use/Importance: Turf insecticide. Now superseded

Physical Description: Amber liq.

Boiling Point: Bp_{0.1} 104°

Solubility: Spar. sol. H₂O, petrol

Density: d₄²⁵ 1.12

Refractive Index: n_D²¹ 1.4710

Hazard & Toxicity: LD₅₀ (rat, orl) 450 mg/kg; LD₅₀ (rat, skn) 1800 mg/kg

References:

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