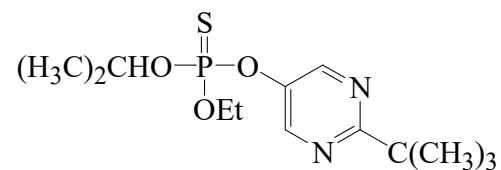




>>Entry Name: Tebupirimfos, BSI

Synonym(s): *O*-[2-(1,1-Dimethylethyl)-5-pyrimidinyl] *O*-ethyl *O*-(1-methylethyl) phosphorothioate, 9Cl. *O*-(2-*tert*-Butyl-5-pyrimidinyl) *O*-ethyl *O*-isopropyl phosphorothioate. Phostebupirim. BAY MAT 7484



CAS Registry Number: 96182-53-5

Molecular Formula: C₁₃H₂₃N₂O₃PS

Molecular Weight: 318.376

Accurate Mass: 318.1167

Percentage Composition: C 49.04%; H 7.28%; N 8.80%; O 15.08%; P 9.73%; S 10.07%

Biological Use/Importance: Cholinesterase inhibitor. Insecticide

Physical Description: Cryst.

Boiling Point: Bp_{1.5} 135°

Hazard & Toxicity: LD₅₀ (male rat, orl) 2.9-3.6 mg/kg

Other: Bayer

References:

Ger. Pat., 1984, *Bayer*, 3 317 824; *CA*, **102**, 185274h, (*synth, activity*)

Hartwig, J.M.F. *et al.*, *Brighton Crop Prot. Conf. - Pests Dis.*, 1992, 35-42, (*activity, props*)

Pesticide Manual, 12th edn., 2000, No. 727