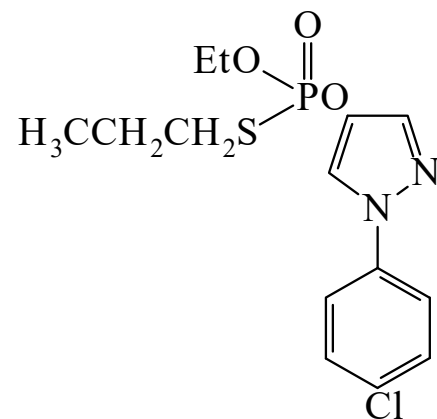




>>Entry Name: Pyraclofos, BSI

Synonym(s): *O*-[1-(4-Chlorophenyl)-1*H*-pyrazol-4-yl] *O*-ethyl *S*-propyl phosphorothioate, 9Cl. Boltage. Voltage



CAS Registry Number: 89784-60-1

Related CAS Registry Numbers(s): 77458-01-6

Molecular Formula: C₁₄H₁₈ClN₂O₃PS

Molecular Weight: 360.8

Accurate Mass: 360.046427

Percentage Composition: C 46.61%; H 5.03%; Cl 9.83%; N 7.76%; O 13.30%; P 8.58%; S 8.89%

>>Variant: (±)-form

Molecular Formula: C₁₄H₁₈ClN₂O₃PS

Molecular Weight: 360.8

Accurate Mass: 360.046427

Percentage Composition: C 46.61%; H 5.03%; Cl 9.83%; N 7.76%; O 13.30%; P 8.58%; S 8.89%

Use/Importance: Insecticide. Cholinesterase inhibitor

Physical Description: Oil

Boiling Point: Bp_{0.01} 164°

Hazard & Toxicity: LD₅₀ (rat, orl) 237 mg/kg

References:

Canadian Pat., 1984, 1 177 081; *CA*, **102**, 204103v, (*synth, activity*)

Kono, Y. *et al.*, *Jpn. Pestic. Inf.*, 1988, **53**, 27, (*props, use, activity, tox*)

Pesticide Manual, 10th edn., 1994, No. 596