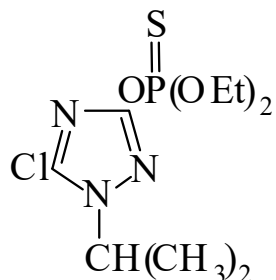




>>Entry Name: Isazofos, BSI

Synonym(s): *O*-[5-Chloro-1-(1-methylethyl)-1*H*-1,2,4-triazol-3-yl] *O,O*-diethyl phosphorothioate, 9Cl. *O*-(5-Chloro-1-isopropyl-1*H*-1,2,4-triazol-3-yl) *O,O*-diethyl phosphorothioate. Miral



CAS Registry Number: 42509-80-8

Molecular Formula: C₉H₁₇ClN₃O₃PS

Molecular Weight: 313.744

Accurate Mass: 313.041676

Percentage Composition: C 34.45%; H 5.46%; Cl 11.30%; N 13.39%; O 15.30%; P 9.87%; S 10.22%

Use/Importance: Nematicide

Physical Description: Yellow liq.

Boiling Point: Bp_{0.0001} 100°

Hazard & Toxicity: LD₅₀ (rat, orl) 40 mg/kg. LD₅₀ (rat, skn) 290 mg/kg

References:

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, PHK000