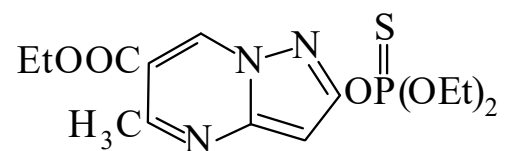




>>Entry Name: **Pyrazophos**, BSI

Synonym(s): Ethyl 2-[(diethoxyphosphinothioyl)oxy]-5-methylpyrazolo[1,5-*a*]pyrimidine-6-carboxylate, 9Cl. *O*-6-Ethoxycarbonyl-5-methylpyrazolo[1,5-*a*]pyrimidin-2-yl *O,O*-diethyl phosphorothioate. Afugan. Curamil



CAS Registry Number: 13457-18-6

Molecular Formula: C₁₄H₂₀N₃O₅PS

Molecular Weight: 373.369

Accurate Mass: 373.086129

Percentage Composition: C 45.04%; H 5.40%; N 11.25%; O 21.43%; P 8.30%; S 8.59%

Use/Importance: Systemic agricultural fungicide

Physical Description: Solid

Melting Point: Mp 50-51° (38-40°)

Other Data: Hydrol. by acid and by alkali

Hazard & Toxicity: LD₅₀ (rat, orl) 151-778 mg/kg

References:

U.S. Pat., 1965, 3 496 178; *CA*, **66**, 37946b, (*synth*)

Stan, H.-J. *et al.*, *Biomed. Mass Spectrom.*, 1982, **9**, 483, (*ms*)

Agrochemicals Handbook, Royal Society of Chemistry, 1983, A356

Stan, H.-J. *et al.*, *J. Chromatogr.*, 1983, **279**, 173, (*glc*)

Pesticide Manual, 9th edn., 1991, No. 10350