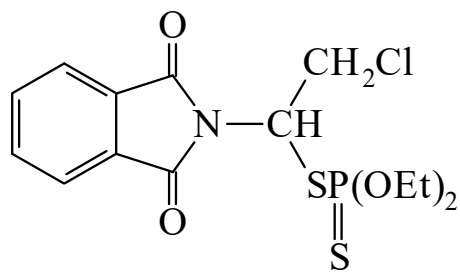




>>Entry Name: Dialifos, BSI

Synonym(s): S-[2-Chloro-1-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)ethyl] O,O-diethyl phosphorodithioate, 9Cl. S-2-Chloro-1-phthalimidoethyl O,O-diethyl phosphorodithioate. Torak. Dialifor. Hercules 14503



CAS Registry Number: 10311-84-9

Molecular Formula: C₁₄H₁₇ClNO₄PS₂

Molecular Weight: 393.851

Accurate Mass: 393.002513

Percentage Composition: C 42.69%; H 4.35%; Cl 9.00%; N 3.56%; O 16.25%; P 7.86%; S 16.28%

Use/Importance: Non-systemic agricultural insecticide and acaricide. Now superseded

Physical Description: Cryst. (toluene/hexane)

Melting Point: Mp 67-69° (62-64°)

Hazard & Toxicity: V. toxic if swallowed and in contact with skin. LD₅₀ (rat, orl) 5 mg/kg; LD₅₀ (rat, skn) 28 mg/kg. Exp. reprod. and teratogenic effects

References:

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