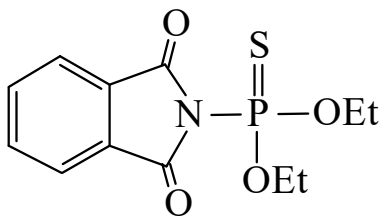




>>Entry Name: Ditalimfos, ANSI, BSI, ISO

Synonym(s): *O,O*-Diethyl (1,3-dihydro-1,3-dioxo-2*H*-isoindol-2-yl)phosphonothioate, 9Cl. *O,O*-Diethyl phthalimidophosphonothioate, 8Cl. Ditalimphos. Plondrel. Ortho 199



CAS Registry Number: 5131-24-8

Type of Compound Code(s): AC5140 AC4150

Molecular Formula: C₁₂H₁₄NO₄PS

Molecular Weight: 299.287

Accurate Mass: 299.038116

Percentage Composition: C 48.16%; H 4.71%; N 4.68%; O 21.38%; P 10.35%; S 10.71%

Use/Importance: Insecticide: now superseded. Also a fungicide in the control of powdery mildew

Physical Description: Solid

Melting Point: Mp 81.5-83.5°

Hazard & Toxicity: Mild skin irritant, rel. low acute toxicity

References:

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Gardyan, C. *et al.*, *Z. Lebensm.-Unters. -Forsch.*, 1991, **192**, 40, (*hplc*)

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