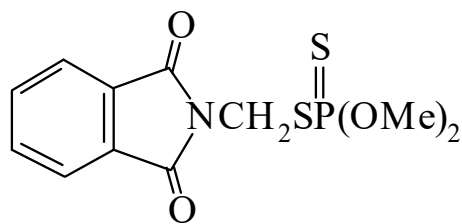




>>Entry Name: Phosmet, BAN, BSI, ESA, ISO

Synonym(s): S-[(1,3-Dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl] O,O-dimethyl phosphorodithioate, 9CI. O,O-Dimethyl S-phthalimidomethyl phosphorodithioate. Imidan. Nupor. Orbisect. Porect. Prolate. Rycovet-Nupor. ENT 25705. R 1504. Phtalofos. PMP, JMAF. Imidathion. Decemthion. Phthalophos



CAS Registry Number: 732-11-6

Molecular Formula: C₁₁H₁₂NO₄PS₂

Molecular Weight: 317.326

Accurate Mass: 316.994536

Percentage Composition: C 41.64%; H 3.81%; N 4.41%; O 20.17%; P 9.76%; S 20.21%

Use/Importance: Nonsystemic insecticide and acaricide

Physical Description: Solid

Melting Point: Mp 72-72.5°

Calculated Log P Data: Log P 2.81 (calc)

Hazard & Toxicity: Lachrymator. LD₅₀ (rat, orl) 92.5 mg/kg. LD₅₀ (rat, skn) 1326 mg/kg. Exp. reprod. and teratogenic effects

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