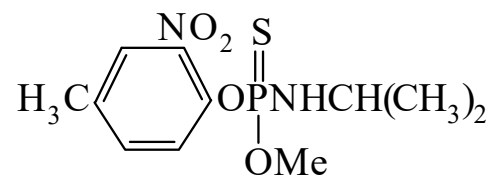




>>Entry Name: Amiprofos-methyl, BSI, ISO

Synonym(s): *O*-Methyl *O*-(4-methyl-2-nitrophenyl) (1-methylethyl)phosphoramidothioate, 9Cl. *O*-Methyl *O*-(4-methyl-2-nitrophenyl) isopropylphosphoramidothioate. Tokunol M



CAS Registry Number: 36001-88-4

Molecular Formula: C₁₁H₁₇N₂O₄PS

Molecular Weight: 304.306

Accurate Mass: 304.064665

Percentage Composition: C 43.42%; H 5.63%; N 9.21%; O 21.03%; P 10.18%; S 10.54%

Hazard & Toxicity: LD₅₀ (rat, orl) 309 mg/kg

>>Variant: (±)-form

Molecular Formula: C₁₁H₁₇N₂O₄PS

Molecular Weight: 304.306

Accurate Mass: 304.064665

Percentage Composition: C 43.42%; H 5.63%; N 9.21%; O 21.03%; P 10.18%; S 10.54%

Use/Importance: Plant growth regulator. Herbicide, now superseded

Other Data: Has been resolved by glc

References:

Oi, N. *et al.*, *Agric. Biol. Chem.*, 1979, **43**, 2403, (*glc*)

Ger. Pat., 1980, 2 841 881; *CA*, **93**, 2267, (*synth, use*)

Pesticide Manual, 9th edn., 1991, 310