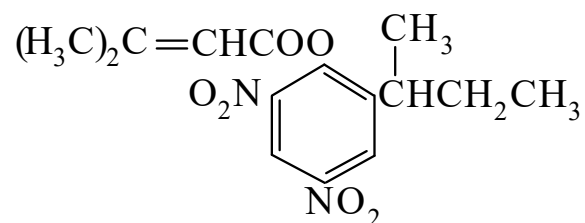




>>Entry Name: Binapacryl, ANSI, BSI, ISO, JMAF

Synonym(s): 2-(1-Methylpropyl)-4,6-dinitrophenyl 3-methyl-2-butenate, 9CI. 2-*sec*-Butyl-4,6-dinitrophenyl 3-methylcrotonate. Acricid. Endosan. Morocide



CAS Registry Number: 485-31-4

Molecular Formula: C₁₅H₁₈N₂O₆

Molecular Weight: 322.317

Accurate Mass: 322.116488

Percentage Composition: C 55.90%; H 5.63%; N 8.69%; O 29.78%

Hazard & Toxicity: LD₅₀ (rat, orl) 58-225 mg/kg. LD₅₀ (rat, skn) 720 mg/kg

>>Variant: (±)-form

Molecular Formula: C₁₅H₁₈N₂O₆

Molecular Weight: 322.317

Accurate Mass: 322.116488

Percentage Composition: C 55.90%; H 5.63%; N 8.69%; O 29.78%

Use/Importance: Top-fruit fungicide and acaricide. Now superseded

Physical Description: Cryst. powder

Melting Point: Mp 65-69°

Solubility: V. spar. sol. H₂O; sol. most org. solvs.

References:

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, BGB500

Handbook of Pesticide Toxicology, (Eds. Hayes, W.J. *et al*), Academic Press, 1991, 1201