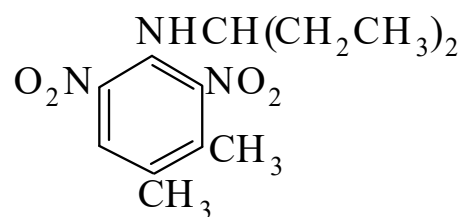




>>Entry Name: Pendimethalin, ANSI, BSI, ISO, WSSA

Synonym(s): *N*-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine, 9CI. *N*-(1-Ethylpropyl)-2,6-dinitro-3,4-xylidine. Prowl. Stomp. Herbadox. Accotab. Penoxalin. AC 92553. Phenoxalin



CAS Registry Number: 40487-42-1

Molecular Formula: C₁₃H₁₉N₃O₄

Molecular Weight: 281.311

Accurate Mass: 281.137557

Percentage Composition: C 55.51%; H 6.81%; N 14.94%; O 22.75%

Use/Importance: Selective preemergent herbicide

Physical Description: Orange-yellow cryst. (MeOH)

Melting Point: Mp 56-57°

Solubility: V. spar. sol. H₂O; sol. CHCl₃, C₆H₆

Hazard & Toxicity: LD₅₀ (rat, orl) 1250 mg/kg. LD₅₀ (rbt, skn) 2260 mg/kg. Exp. neurotoxic effects

Supelco: R42-7560

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