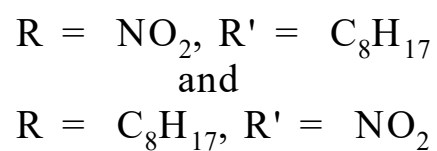
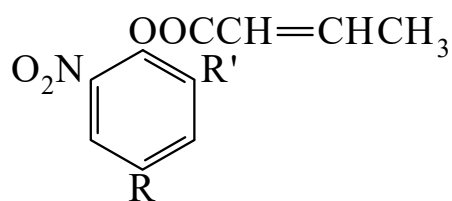




>>Entry Name: Dinocap, BSI, ISO

Synonym(s): 2(4)-Isooctyl-4,6(2,6)-dinitrophenyl 2-butenate, 9CI. 2(4)-Isooctyl-4,6(2,6)-dinitrophenyl crotonate. Karathane. Arathane. DPC. Crotothane



CAS Registry Number: 39300-45-3

Related CAS Registry Numbers(s): 131-72-6 6119-92-2

Molecular Formula: $\text{C}_{18}\text{H}_{24}\text{N}_2\text{O}_6$

Molecular Weight: 364.397

Accurate Mass: 364.163438

Percentage Composition: C 59.33%; H 6.64%; N 7.69%; O 26.34%

General Statement: Mixt. of positional and chain-branching isomers (C_8H_{17} = mixt. of 1-methylheptyl, 1-ethylhexyl and 1-propylpentyl)

Use/Importance: Acaricide, fungicide

Boiling Point: $\text{Bp}_{0.05}$ 138-140°

Hazard & Toxicity: LD_{50} (rat, orl) 980-1190 mg/kg. Exp. teratogenic effects

References:

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, AQT500

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