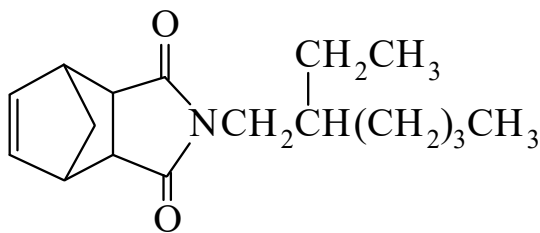




>>Entry Name: Dicarboximide

Synonym(s): 2-(2-Ethylhexyl)-3*a*,4,7,7*a*-tetrahydro-4,7-methano-1*H*-isoindole-1,3(2*H*)-dione, 9Cl. *N*-(2-Ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide. *N*-Octylbicycloheptenedicarboximide. Van Dyke 264. Carboximide. ENT 8184



CAS Registry Number: 113-48-4

Molecular Formula: C₁₇H₂₅NO₂

Molecular Weight: 275.39

Accurate Mass: 275.188529

Percentage Composition: C 74.14%; H 9.15%; N 5.09%; O 11.62%

>>Variant: (±)-form

Molecular Formula: C₁₇H₂₅NO₂

Molecular Weight: 275.39

Accurate Mass: 275.188529

Percentage Composition: C 74.14%; H 9.15%; N 5.09%; O 11.62%

Biological Use/Importance: Insecticidal synergist for pyrethroids

Physical Description: Liq.

Melting Point: Mp -20°

Density: d²⁰ 1.04

Hazard & Toxicity: LD₅₀ (rat, orl) 2800 mg/kg; LD₅₀ (rat, skn) 470 mg/kg

References:

U.S. Pat., 1947, 2 476 512; *CA*, **44**, 5394i

Pesticide Manual, 12th edn., 2000, No. 289

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, OES000