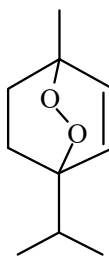




>>Entry Name: Ascaridole

Synonym(s): 1-Methyl-4-(1-methylethyl)-2,3-dioxabicyclo[2.2.2]oct-5-ene, 9Cl. 1-Isopropyl-4-methyl-7-oxabicyclo[2.2.1]hept-2-ene. 1,4-Epidioxy-*p*-menth-2-ene. Kebal II. Uncinacina. Ascapurin. Ascarisin



CAS Registry Number: 512-85-6

Molecular Formula: C₁₀H₁₆O₂

Molecular Weight: 168.235

Accurate Mass: 168.11503

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Biological Source: Main constit. of oil of *Chenopodium* spp. Also said to be the major constit. of oil of *Peumus boldus*

Use/Importance: Anthelmintic

Physical Description: Oil

Melting Point: Mp 3.3°

Boiling Point: Bp₁₅ 115°. Bp_{0.2} 39-40°

Density: d₄²⁰ 1.01

Calculated Log P Data: Log P 1.34 (uncertain value) (calc)

Other Data: Unstable

Hazard & Toxicity: Explodes on heating or on treatment with acids. LD₅₀ (rat, orl) 200 mg/kg. Shows neoplastic activity ; BERDY HAZD : LD₅₀ (rat, orl) 200 mg/kg

Rare Chemicals Library: S56032-4

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