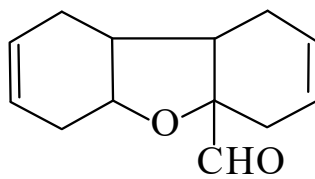




>>Entry Name: **1,5a,6,9,9a,9b-Hexahydro-4a(4H)-dibenzofurancarboxaldehyde**, 9CI

Synonym(s): 1,4,4a,5a,6,9,9a,9b-Octahydrodibenzofuran-4a-carbaldehyde. MGK Repellent 11



CAS Registry Number: 126-15-8

Molecular Formula: $C_{13}H_{16}O_2$

Molecular Weight: 204.268

Accurate Mass: 204.11503

Percentage Composition: C 76.44%; H 7.89%; O 15.67%

Use/Importance: Insect repellent

Physical Description: Pale-yellow liq.

Boiling Point: Bp 307°

Density: d_{20}^{20} 1.12

Refractive Index: n_D^{20} 1.5420

Hazard & Toxicity: LD₅₀ (rat, orl) 2500 mg/kg

References:

U.S. Pat., 1956, 2 934 471; *CA*, **54**, 15821a

Pesticide Manual, 9th edn., 1991, No. 9100

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, BHJ500