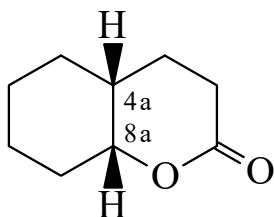




>>Entry Name: Octahydro-2*H*-1-benzopyran-2-one

ENTRY UNDER REVIEW

Synonym(s): Octahydrocoumarin, 8Cl. 2-Hydroxycyclohexanepropanoic acid lactone



(4a*RS*,8a*RS*)-form

CAS Registry Number: 4430-31-3

Molecular Formula: C₉H₁₄O₂

Molecular Weight: 154.208

Accurate Mass: 154.09938

Percentage Composition: C 70.10%; H 9.15%; O 20.75%

Hazard & Toxicity: Skin irritant. LD₅₀ (rat, orl) 3900 mg/kg

Aldrich: W37910-7

>>Variant: (4a*RS*,8a*RS*)-form

Synonym(s): (±)-*cis*-form

CAS Registry Number: 23201-43-6

Molecular Formula: C₉H₁₄O₂

Molecular Weight: 154.208

Accurate Mass: 154.09938

Percentage Composition: C 70.10%; H 9.15%; O 20.75%

Physical Description: Liq.

Boiling Point: Bp_{0.1} 88°

>>Variant: (4a*RS*,8a*SR*)-form

Synonym(s): (±)-*trans*-form

CAS Registry Number: 14072-79-8

Molecular Formula: C₉H₁₄O₂

Molecular Weight: 154.208

Accurate Mass: 154.09938

Percentage Composition: C 70.10%; H 9.15%; O 20.75%

Boiling Point: Bp_{0.4} 94-96°. Bp_{0.1} 86°

Refractive Index: n_D²⁵ 1.4882

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