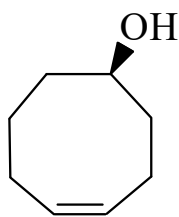




>>Entry Name: 4-Cycloocten-1-ol



(*R*)-form

CAS Registry Number: 4277-34-3

Related CAS Registry Numbers(s): 31598-74-0 39637-79-1 85081-69-2

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Physical Description: Liq.

Refractive Index: n_D²⁰ 1.4925

>>Variant: (*R*)-form

CAS Registry Number: 39637-78-0

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Boiling Point: Bp₁₃ 110°

Optical Rotation: [α]_D +43 (c, 0.67 in CHCl₃)

>>Variant: (±)-form

CAS Registry Number: 39638-01-2

Molecular Formula: C₈H₁₄O

Molecular Weight: 126.198

Accurate Mass: 126.104465

Percentage Composition: C 76.14%; H 11.18%; O 12.68%

Physical Description: Liq.

Boiling Point: Bp₁₄ 96-98°

>>Derivative: Ac

CAS Registry Number: 22445-58-5

Molecular Formula: C₁₀H₁₆O₂

Molecular Weight: 168.235

Accurate Mass: 168.11503

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

Boiling Point: Bp₂₀ 110-113°

>>Derivative: 4-Nitrobenzoyl

Melting Point: Mp 83°

>>Derivative: Phenylurethane

Melting Point: Mp 92-94°

References:

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