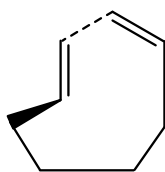




>>Entry Name: 1,3-Cyclooctadiene, 9Cl



(R)-(E,Z)-form

CAS Registry Number: 1700-10-3

Related CAS Registry Numbers(s): 3806-60-8 96612-30-5

Extra CAS Registry Numbers(s): 29965-97-7

Molecular Formula: C₈H₁₂

Molecular Weight: 108.183

Accurate Mass: 108.0939

Percentage Composition: C 88.82%; H 11.18%

General Statement: Prob. abs. config. shown

Fluka: 29570

Rare Chemicals Library: S43648-8

>>Variant: (R)-(E,Z)-form

Molecular Formula: C₈H₁₂

Molecular Weight: 108.183

Accurate Mass: 108.0939

Percentage Composition: C 88.82%; H 11.18%

Optical Rotation: $[\alpha]_{\text{D}}^{20} -649$ (c, 0.01 in EtOH)

>>Variant: (±)-(E,Z)-form

CAS Registry Number: 96612-29-2

Molecular Formula: C₈H₁₂

Molecular Weight: 108.183

Accurate Mass: 108.0939

Percentage Composition: C 88.82%; H 11.18%

Physical Description: Liq.

>>Derivative: AgNO₃ complex

Physical Description: Cryst.

Melting Point: Mp 125-127 dec.°

>>Variant: (Z,Z)-form

CAS Registry Number: 3806-59-5

Molecular Formula: C₈H₁₂

Molecular Weight: 108.183

Accurate Mass: 108.0939

Percentage Composition: C 88.82%; H 11.18%

Melting Point: Mp -57°

Boiling Point: Bp₂₅ 48°

Density: d₄²⁵ 0.87

Refractive Index: n_D²⁵ 1.4940

Aldrich: 27410-0

Sigma: C7904

References:

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