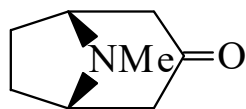




>>Entry Name: 8-Methyl-8-azabicyclo[3.2.1]octan-3-one, 9Cl

Synonym(s): Tropinone. 3-Tropanone



CAS Registry Number: 532-24-1

Molecular Formula: C₈H₁₃NO

Molecular Weight: 139.197

Accurate Mass: 139.099714

Percentage Composition: C 69.03%; H 9.41%; N 10.06%; O 11.49%

Biological Source: Alkaloid from *Nicandra physaloides* (Solanaceae)

Physical Description: Needles (petrol)

Melting Point: Mp 42°

Boiling Point: Bp₁₃ 103-104°

Other Data: Co-occurs with Hygrine [CGD99-I](#)

Aldrich: T8960-5

Fluka: 93552

Sigma: T3138

>>Derivative: Hydrochloride

CAS Registry Number: 4827-85-4

Melting Point: Mp 188-0 188-189° dec.°

Hazard & Toxicity: LD₅₀ (mus, ipr) 430 mg/kg

>>Derivative: Picrate

Melting Point: Mp 217-218°

>>Derivative: N-Oxide

Molecular Formula: C₈H₁₃NO₂

Molecular Weight: 155.196

Accurate Mass: 155.094629

Percentage Composition: C 61.91%; H 8.44%; N 9.03%; O 20.62%

Melting Point: Mp 217-218°

>>Derivative: Oxime

Molecular Formula: C₈H₁₄N₂O

Molecular Weight: 154.211

Accurate Mass: 154.110613

Percentage Composition: C 62.31%; H 9.15%; N 18.17%; O 10.37%

Melting Point: Mp 114°

Other Data: Chiral, has been resolved

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