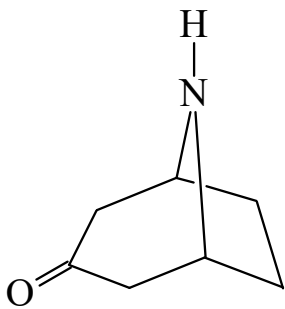




>>Entry Name: 8-Azabicyclo[3.2.1]octan-3-one, 9Cl

Synonym(s): Nortropinone. 3-Nortropanone. 3-Oxonortropane



CAS Registry Number: 5632-84-8

Molecular Formula: $C_7H_{11}NO$

Molecular Weight: 125.17

Accurate Mass: 125.084064

Percentage Composition: C 67.17%; H 8.86%; N 11.19%; O 12.78%

Physical Description: Needles and leaflets (C_6H_6 /petrol)

Melting Point: Mp 69-70°

>>Derivative: Hydrochloride

CAS Registry Number: 25602-68-0

Physical Description: Needles (EtOH)

Melting Point: Mp 204 dec.°

>>Derivative: Picrate

CAS Registry Number: 38390-61-3

Physical Description: Pale-yellow prisms

Melting Point: Mp 159-160°

>>Derivative: Oxime

Molecular Formula: $C_7H_{12}N_2O$

Molecular Weight: 140.185

Accurate Mass: 140.094963

Percentage Composition: C 59.98%; H 8.63%; N 19.98%; O 11.41%

Physical Description: Leaflets (H_2O)

Melting Point: Mp 181-182°

References:

Willstätter, R., *Ber.*, 1896, **29**, 1581, (*synth*)

Fischer, J. *et al.*, *Acta Chim. Acad. Sci. Hung.*, 1971, **68**, 261, (*synth, ir*)

Chappell, G.S. *et al.*, *J. Pharm. Sci.*, 1973, **62**, 414, (*nmr*)

Rassat, A. *et al.*, *Tetrahedron*, 1976, **32**, 239, (*synth, ir, pmr*)