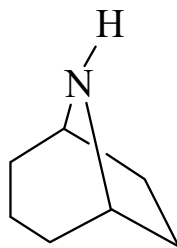




>>Entry Name: 8-Azabicyclo[3.2.1]octane, 9Cl

Synonym(s): Nortropane, 8Cl



CAS Registry Number: 280-05-7

Molecular Formula: C<sub>7</sub>H<sub>13</sub>N

Molecular Weight: 111.186

Accurate Mass: 111.104799

Percentage Composition: C 75.62%; H 11.78%; N 12.60%

>>Variant: (±)-form

Molecular Formula: C<sub>7</sub>H<sub>13</sub>N

Molecular Weight: 111.186

Accurate Mass: 111.104799

Percentage Composition: C 75.62%; H 11.78%; N 12.60%

Physical Description: Cryst.

Melting Point: Mp 60°

Boiling Point: Bp 161°

Solubility: Sol. H<sub>2</sub>O

Other Data: Absorbs CO<sub>2</sub> from air

>>Derivative: Hydrochloride

CAS Registry Number: 6760-99-2

Physical Description: Cryst.

Melting Point: Mp 281 dec.°

>>Derivative: *N*-Benzoyl

Molecular Formula: C<sub>14</sub>H<sub>17</sub>NO

Molecular Weight: 215.294

Accurate Mass: 215.131014

Percentage Composition: C 78.10%; H 7.96%; N 6.51%; O 7.43%

Melting Point: Mp 94-95°

Boiling Point: Bp<sub>14</sub> 204-205°

>>Derivative: *N*-Me

Synonym(s): Tropane. Dihydrotropidine

CAS Registry Number: 529-17-9

Molecular Formula: C<sub>8</sub>H<sub>15</sub>N

Molecular Weight: 125.213

Accurate Mass: 125.120449

Percentage Composition: C 76.74%; H 12.07%; N 11.19%

Use/Importance: Parent substance of an important group of alkaloids

Physical Description: Liq.

Boiling Point: Bp 167°

Solubility: Misc. H<sub>2</sub>O

Density: d<sub>4</sub><sup>20</sup> 0.93

Refractive Index: n<sub>D</sub><sup>25</sup> 1.4732

Aldrich: 37870-4

>>Derivative: *N*-Me; picrate

Physical Description: Needles

Melting Point: Mp 284-285 dec.°