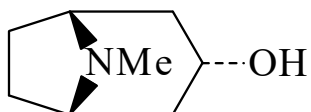




>>Entry Name: 8-Methyl-8-azabicyclo[3.2.1]octan-3-ol, 9CI

Synonym(s): 3-Tropanol. 3-Hydroxytropane



*endo-form*

**Molecular Formula:** C<sub>8</sub>H<sub>15</sub>NO

**Molecular Weight:** 141.213

**Accurate Mass:** 141.115364

**Percentage Composition:** C 68.04%; H 10.71%; N 9.92%; O 11.33%

>>Variant: (1*RS*,3*RS*)-form

Synonym(s): *endo*-form. **Tropine**. Tropeine

**CAS Registry Number:** 120-29-6

**Molecular Formula:** C<sub>8</sub>H<sub>15</sub>NO

**Molecular Weight:** 141.213

**Accurate Mass:** 141.115364

**Percentage Composition:** C 68.04%; H 10.71%; N 9.92%; O 11.33%

**Biological Source:** Alkaloid from *Atropa belladonna*, *Hyoscyamus niger*, *Datura* spp. and several other genera, nearly in all the Solanaceae; from hydrolysis of ester alkaloids such as Tropine tropate [BCM91-G](#)

**Melting Point:** Mp 63°

**Boiling Point:** Bp 229°

**pKa Value:** p*K*<sub>a</sub> 10.33 (25°)

**Hazard & Toxicity:** Highly toxic

**Fluka:** 93550

**Sigma:** T7878

>>Derivative: Picrate

**Melting Point:** Mp 290-295° (275°)

>>Derivative: Ac

Synonym(s): **Tropine acetate**

**CAS Registry Number:** 3423-27-6

**Molecular Formula:** C<sub>10</sub>H<sub>17</sub>NO<sub>2</sub>

**Molecular Weight:** 183.25

**Accurate Mass:** 183.125929

**Percentage Composition:** C 65.54%; H 9.35%; N 7.64%; O 17.46%

**Biological Source:** Alkaloid from *Duboisia myoporoides*, *Datura sanguinea* and *Bruguiera* spp.(Solanaceae, Rhizophoraceae)

**Boiling Point:** Bp 235-237°

>>Derivative: *O*-Propanoyl

Synonym(s): **Tropine propionate**

**Molecular Formula:** C<sub>11</sub>H<sub>19</sub>NO<sub>2</sub>

**Molecular Weight:** 197.277

**Accurate Mass:** 197.141579

**Percentage Composition:** C 66.97%; H 9.71%; N 7.10%; O 16.22%

**Biological Source:** Alkaloid from *Bruguiera sexangula* and *Bruguiera exaristata* (Rhizophoraceae)

**Other Data:** Isol. by glc and identified by glc and ms comparison with an authentic sample

>>Derivative: *O*-(2-Methylpropanoyl)

Synonym(s): **Butropine**. Tropine isobutyrate

**CAS Registry Number:** 495-80-7