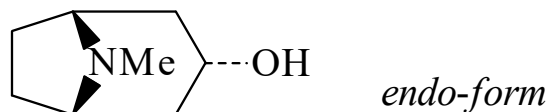




>>Entry Name: 8-Methyl-8-azabicyclo[3.2.1]octan-3-ol, 9CI

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



Molecular Formula: C₈H₁₅NO

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: C₈H₁₅NO

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*_a 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: C₁₀H₁₇NO₂

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: C₁₁H₁₉NO₂

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