



>>Derivative: *N*-Me
Synonym(s): *N*-Methylanabasine

CAS Registry Number: 24380-92-5

Molecular Formula: C₁₁H₁₆N₂
Molecular Weight: 176.261
Accurate Mass: 176.131348
Percentage Composition: C 74.96%; H 9.15%; N 15.89%
Biological Source: Occurs in traces in crude nicotine and in *Anabasis aphylla*
Physical Description: Oil
Boiling Point: Bp₁₂ 127-128°
Optical Rotation: [α]_D¹⁵ -85.1

>>Derivative: *N*-Me, picrate

Physical Description: Cryst. (EtOH)
Melting Point: Mp 287-288 dec.°

>>Derivative: Tetrahydro
Synonym(s): Tetrahydroanabasine

CAS Registry Number: 64191-30-6

Molecular Formula: C₁₀H₁₈N₂
Molecular Weight: 166.266
Accurate Mass: 166.146998
Percentage Composition: C 72.24%; H 10.91%; N 16.85%
Biological Source: Alkaloid from *Adenocarpus complicatus* subsp. *aureus* (Leguminosae)
Other Data: No details. Struct. not fully descr.

>>Variant: (±)-form

CAS Registry Number: 13078-04-1

Molecular Formula: C₁₀H₁₄N₂
Molecular Weight: 162.234
Accurate Mass: 162.115698
Percentage Composition: C 74.04%; H 8.70%; N 17.27%
Biological Source: Alkaloid from *Duboisia myoporoides*, *Nicotiana glauca* and other spp. (Solanaceae)
Boiling Point: Bp₇₇₅ 280-282°. Bp 106-108°
Sigma: A5656

>>Derivative: Dipicrate

Melting Point: Mp 213-214°

>>Derivative: *N*-Me

CAS Registry Number: 2055-12-1
Molecular Formula: C₁₁H₁₆N₂
Molecular Weight: 176.261
Accurate Mass: 176.131348
Percentage Composition: C 74.96%; H 9.15%; N 15.89%
Boiling Point: Bp_{0.4} 62°

>>Derivative: *N*-Me, dipicrate

Physical Description: Yellow needles (EtOH)
Melting Point: Mp 237-239°

References: