



>>Derivative: *N*-Me

Synonym(s): *N*-Methylanabasine

CAS Registry Number: 24380-92-5

Molecular Formula: C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>

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: Bp<sub>12</sub> 127-128°

Optical Rotation: [α]<sub>D</sub><sup>15</sup> −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: C<sub>10</sub>H<sub>18</sub>N<sub>2</sub>

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: C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>

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: Bp<sub>775</sub> 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: C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>

Molecular Weight: 176.261

Accurate Mass: 176.131348

Percentage Composition: C 74.96%; H 9.15%; N 15.89%

Boiling Point: Bp<sub>0.4</sub> 62°

>>Derivative: *N*-Me, dipicrate

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 237-239°

References: