



CAS Registry Number: 5843-65-2

Molecular Formula: C₁₆H₁₇NO₃

Molecular Weight: 271.315

Accurate Mass: 271.120844

Percentage Composition: C 70.83%; H 6.32%; N 5.16%; O 17.69%

Biological Source: Alkaloid from *Aconitum japonicum*, *Anisorum heterotropoides* and *Gnetum parvifolium* (Ranunculaceae, Aristolochiaceae, Gnetaceae)

>>Derivative: Hydrochloride

Melting Point: Mp 265° (258° dec.)

>>Derivative: Hydrobromide

Melting Point: Mp 269-270°

>>Derivative: *N*-Me

Synonym(s): *N*-Methylhigenamine

CAS Registry Number: 66277-20-1

Molecular Formula: C₁₇H₁₉NO₃

Molecular Weight: 285.342

Accurate Mass: 285.136494

Percentage Composition: C 71.56%; H 6.71%; N 4.91%; O 16.82%

Biological Source: Alkaloid from *Gnetum parvifolium*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 148-150°

UV: [neutral] λ_{max} 225 (sh) (log ε 4.6); 285 (log ε 4.08) (EtOH)

>>Derivative: *O*⁶-Me

Molecular Formula: C₁₇H₁₉NO₃

Molecular Weight: 285.342

Accurate Mass: 285.136494

Percentage Composition: C 71.56%; H 6.71%; N 4.91%; O 16.82%

Biological Source: Alkaloid from *Cocculus laurifolius*

Melting Point: Mp 220-221°

>>Derivative: *O*⁷-Me

Molecular Formula: C₁₇H₁₉NO₃

Molecular Weight: 285.342

Accurate Mass: 285.136494

Percentage Composition: C 71.56%; H 6.71%; N 4.91%; O 16.82%

Source/Synthesis: Synthetic

Melting Point: Mp 135-136°

>>Derivative: *O*⁷-Me, hydrochloride

Melting Point: Mp 215°

>>Derivative: *O*⁶,*N*-Di-Me

CAS Registry Number: 1472-62-4

Molecular Formula: C₂₀H₂₅NO₃

Molecular Weight: 327.422

Accurate Mass: 327.183444

Percentage Composition: C 73.37%; H 7.70%; N 4.28%; O 14.66%

Melting Point: Mp 161-162° (anhyd.)

>>Variant: (ξ)-form

Molecular Formula: C₁₆H₁₇NO₃

Molecular Weight: 271.315

Accurate Mass: 271.120844

Percentage Composition: C 70.83%; H 6.32%; N 5.16%; O 17.69%