CAS Registry Number: 5843-65-2

Molecular Formula: $C_{16}H_{17}NO_3$
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: $C_{17}H_{19}NO_3$
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: $C_{17}H_{19}NO_3$
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: $C_{17}H_{19}NO_3$
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: $C_{20}H_{25}NO_3$
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: $C_{16}H_{17}NO_3$
Molecular Weight: 271.315
Accurate Mass: 271.120844
Percentage Composition: C 70.83%; H 6.32%; N 5.16%; O 17.69%