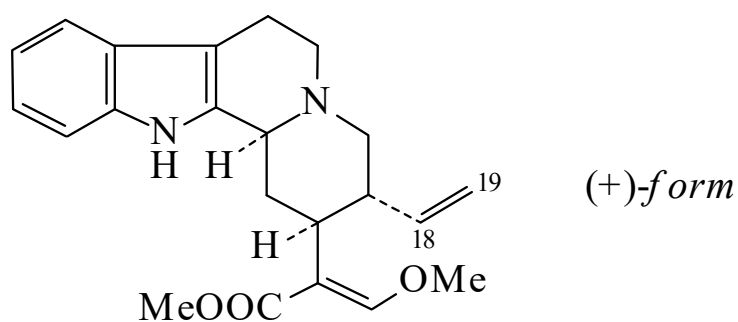




>>Entry Name: Corynantheine



Molecular Formula: C₂₂H₂₆N₂O₃

Molecular Weight: 366.459

Accurate Mass: 366.194343

Percentage Composition: C 72.11%; H 7.15%; N 7.64%; O 13.10%

Use/Importance: Sympatholytic agent

>>Variant: (+)-form

CAS Registry Number: 18904-54-6

Molecular Formula: C₂₂H₂₆N₂O₃

Molecular Weight: 366.459

Accurate Mass: 366.194343

Percentage Composition: C 72.11%; H 7.15%; N 7.64%; O 13.10%

Biological Source: Alkaloid from the bark of *Pseudocinchona africana* and from *Mitragyna parvifolia* and *Uncaria rhyncophylla* (Rubiaceae, Naucleaceae)

Physical Description: Noncryst.

Optical Rotation: $[\alpha]_D^{20} +28.8$ (MeOH)

Hazard & Toxicity: LD₅₀ (mus, ivn) 35 mg/kg

>>Derivative: Hydrochloride

Melting Point: Mp 205°

Optical Rotation: $[\alpha]_D^{20} +43.8$ (MeOH)

>>Derivative: O¹⁷-De-Me

Synonym(s): Demethylcorynantheine. Alkaloid RMB 1

CAS Registry Number: 18786-21-5

Molecular Formula: C₂₁H₂₄N₂O₃

Molecular Weight: 352.432

Accurate Mass: 352.178693

Percentage Composition: C 71.57%; H 6.86%; N 7.95%; O 13.62%

Biological Source: Alkaloid from the stem bark of *Rauwolfia mombasiana* (Apocynaceae)

>>Derivative: O¹⁷-De-Me, 18,19-dihydro

Synonym(s): Demethyldihydrocorynantheine. Alkaloid RMB 7

CAS Registry Number: 5027-70-3

Molecular Formula: C₂₁H₂₆N₂O₃

Molecular Weight: 354.448

Accurate Mass: 354.194343

Percentage Composition: C 71.16%; H 7.39%; N 7.90%; O 13.54%

Biological Source: Alkaloid from the stem bark of *Rauwolfia mombasiana* (Apocynaceae)

Physical Description: Yellow amorph. powder