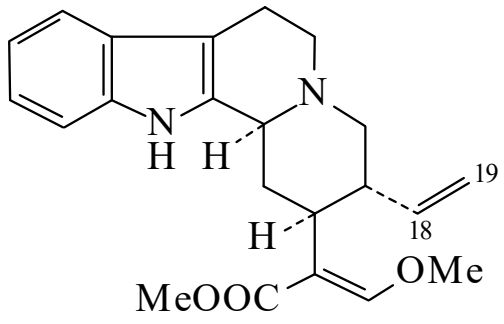
>>**Entry Name: Corynantheine**



(+)-*form*

Molecular Formula: $C_{22}H_{26}N_2O_3$
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: $C_{22}H_{26}N_2O_3$
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: LD_{50} (mus, ivn) 35 mg/kg

>>**Derivative:** Hydrochloride

Melting Point: Mp 205°
Optical Rotation: $[\alpha]_D^{20}$+43.8 (MeOH)

>>**Derivative:** O^{17}-De-Me
Synonym(s): Demethylcorynantheine. Alkaloid RMB 1

CAS Registry Number: 18786-21-5

Molecular Formula: $C_{21}H_{24}N_2O_3$
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:** O^{17}-De-Me, 18,19-dihydro
Synonym(s): Demethyldihydrocorynantheine. Alkaloid RMB 7

CAS Registry Number: 5027-70-3

Molecular Formula: $C_{21}H_{26}N_2O_3$
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