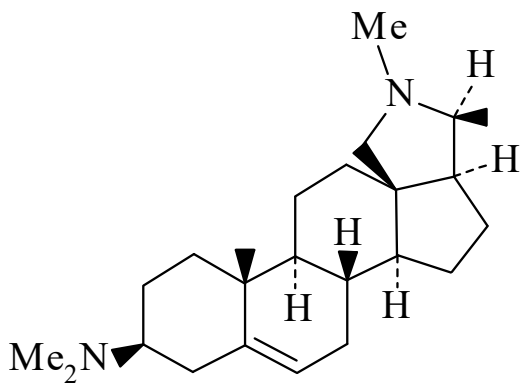
>>**Entry Name: Conessine,** INN
Synonym(s): *N,N*-Dimethylcon-5-enin-3-amine, 9CI. 3-(Dimethylamino)con-5-enine, 8CI. 3-Dimethylamino-5-conanene. Wrightine. Roquessine. Neriine



CAS Registry Number: 546-06-5

Molecular Formula: $C_{24}H_{40}N_2$
Molecular Weight: 356.593
Accurate Mass: 356.319148
Percentage Composition: C 80.84%; H 11.31%; N 7.86%
Biological Source: Alkaloid from *Holarrhena antidysenterica* and many other *Holarrhena* spp., from *Wrightia tomentosa* and from *Funtumia elastica* (Apocynaceae)
Use/Importance: Source of 18-substd. pregnanes
Biological Use/Importance: Narcotic to frogs but not to mammals. Antibacterial, antineoplastic agent. Has local anaesthetic props. but causes local necrosis on injection.
Melting Point: Mp 123-124°
Optical Rotation: $[\alpha]_D^{20}$–1.9 ($CHCl_3$). $[\alpha]_D^{20}$+25.3 (EtOH)
Calculated Log P Data: Log P 5.29 (uncertain value) (calc)

Sigma: C0711

>>**Derivative:** Hydrochloride (1:2)

Physical Description: Cryst. + $1H_2O$
Melting Point: Mp 340°
Optical Rotation: $[\alpha]_D^{20}$+9.3 (H_2O)

>>**Derivative:** Hydrobromide (1:2)
Synonym(s): Norine

CAS Registry Number: 5913-82-6
Biological Use/Importance: Formerly used to treat amoebic dysentery
Melting Point: Mp 340 dec.°
Optical Rotation: $[\alpha]_D^{20}$+7 (c, 5 in H_2O)
Hazard & Toxicity: LD_{50} (mus, orl) 390 mg/kg

>>**Derivative:** Dipicrate

Melting Point: Mp 222-224°

>>**Derivative:** 5α,6-Dihydro
Synonym(s): Dihydroconessine

Molecular Formula: $C_{24}H_{42}N_2$
Molecular Weight: 358.609
Accurate Mass: 358.334798
Percentage Composition: C 80.38%; H 11.80%; N 7.81%
Biological Source: Isol. from the methylated alkaloid mixt. from *Holarrhena antidysenterica*; detected by ms and is prob. a minor alkaloid constit. (Apocynaceae)