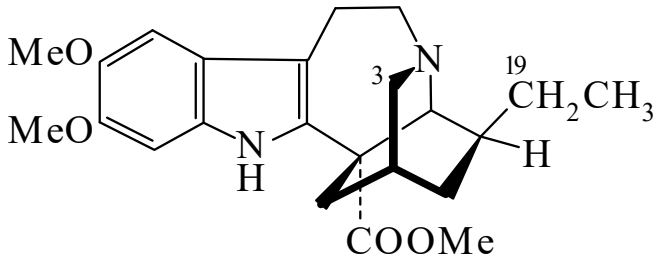
>>**Entry Name: Conopharyngine**



CAS Registry Number: 76-98-2

Molecular Formula: $C_{23}H_{30}N_2O_4$
Molecular Weight: 398.501
Accurate Mass: 398.220558
Percentage Composition: C 69.32%; H 7.59%; N 7.03%; O 16.06%
General Statement: There is also another alkaloid called Conopharyngine. See 20-Aminopregn-5-en-3-ol HHN82-G
Biological Source: Alkaloid from the stem and root bark of *Conopharyngia durissima* (Apocynaceae)
Physical Description: Cryst. (Et_2O/petrol)
Melting Point: Mp 141-143°
Optical Rotation: $[\alpha]_D^{25}$–40.5 (c, 1 in $CHCl_3$)

>>**Derivative:** 3-Hydroxy
Synonym(s): 3-Hydroxyconopharyngine

Extra CAS Registry Numbers(s): 93627-64-6 95066-50-5

Molecular Formula: $C_{23}H_{30}N_2O_5$
Molecular Weight: 414.5
Accurate Mass: 414.215473
Percentage Composition: C 66.65%; H 7.29%; N 6.76%; O 19.30%
Biological Source: Minor alkaloid from the root bark and stem bark of *Tabernaemontana pachysiphon* (Apocynaceae) and root bark of *Tabernaemontana chippii*
Solubility: BERDY SOL: Sol. MeOH, $CHCl_3$; poorly sol. H_2O
UV: [neutral] λ_{max} 223 (); 302 (); 306 () (MeOH) (Berdy)
Other Data: Mixt. of epimers

>>**Derivative:** 3-Oxo
Synonym(s): 3-Oxoconopharyngine. 19-Oxoconopharyngine

CAS Registry Number: 20078-89-1

Molecular Formula: $C_{23}H_{28}N_2O_5$
Molecular Weight: 412.485
Accurate Mass: 412.199823
Percentage Composition: C 66.97%; H 6.84%; N 6.79%; O 19.39%
Biological Source: Alkaloid from *Conopharyngia jollyana* (Apocynaceae)
Physical Description: Cryst. (EtOAc)
Optical Rotation: $[\alpha]_D^{20}$–48 (c, 0.3 in $CHCl_3$)

>>**Derivative:** 19-Hydroxy
Synonym(s): 19-Hydroxyconopharyngine. 20-Hydroxyconopharyngine

CAS Registry Number: 16790-93-5

Molecular Formula: $C_{23}H_{30}N_2O_5$
Molecular Weight: 414.5
Accurate Mass: 414.215473
Percentage Composition: C 66.65%; H 7.29%; N 6.76%; O 19.30%
Biological Source: Alkaloid from bark of *Conopharyngia jollyana* and *Conopharyngia durissima* (Apocynaceae)

>>**Derivative:** 19-Acetoxy

Melting Point: Mp 124-126°
Optical Rotation: $[\alpha]_D^{22}$–28 (c, 0.25 in $CHCl_3$)

References: