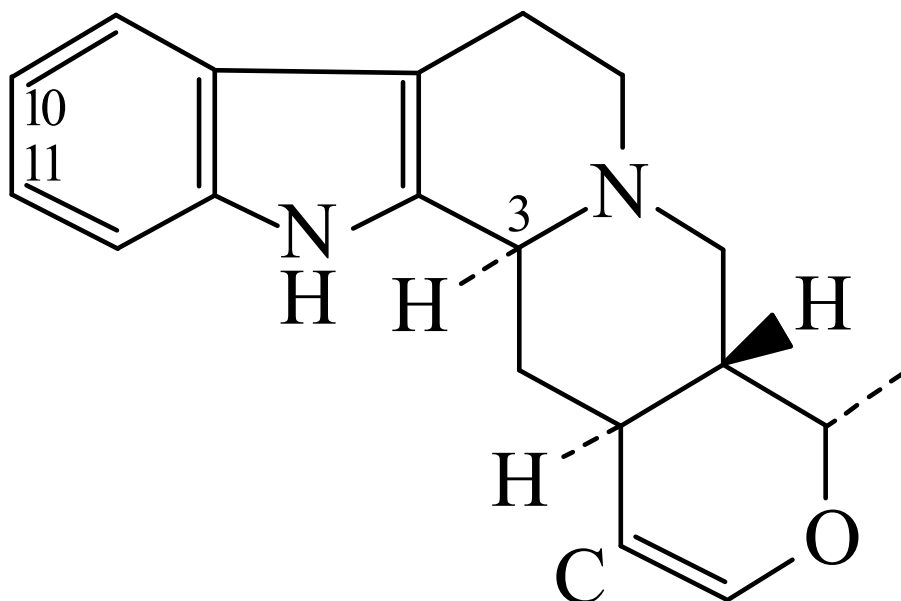




>>Entry Name: Ajmalicine

Synonym(s): Methyl 16,17-didehydro-19-methyloxayohimban-16-carboxylate, 9Cl. Tetrahydroserpentine.

Raubasine. δ -Yohimbine. Vinceine. Vincaine‡. Py-tetrahydroserpentine. Lamuran



()-form

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%

Use/Importance: Antidiuretic agent, CNS depressant. Vasodilator. Has been used to treat peripheral and cerebral vascular disorders

Calculated Log P Data: Log P 2.76 (calc)

>>Variant: (-)-form

CAS Registry Number: 483-04-5

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 *Rauwolfia serpentina*, many other *Rauwolfia* spp., *Vinca rosea* and many other spp. in the Apocynaceae