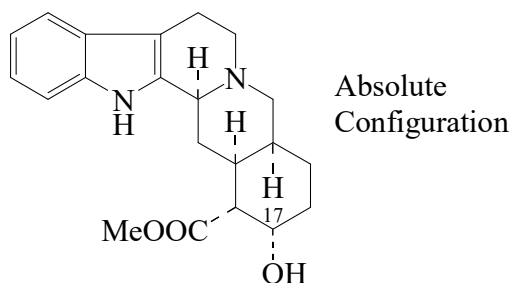




>>Entry Name: Alloyohimbine

Synonym(s): Methyl (16 α ,17 α ,20 α)-17-hydroxyohimban-16-carboxylate, 9Cl



CAS Registry Number: 522-94-1

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%

>>Variant: (-)-form

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 *Corynanthe yohimbe*, *Corynanthe paniculata*, *Pausinystalia yohimbe*, *Pausinystalia angolensis* and *Rauwolfia* spp. (Apocynaceae)

Melting Point: Mp 165-170° (135-140°)

Optical Rotation: [α]_D -84 (Py)

>>Derivative: Hydrochloride

Melting Point: Mp 280°

Optical Rotation: [α]_D¹⁹ +33 (H₂O)

>>Derivative: O-Ac

Synonym(s): Acetylalloyohimbine

CAS Registry Number: 81571-22-4

Molecular Formula: C₂₃H₂₈N₂O₄

Molecular Weight: 396.485

Accurate Mass: 396.204908

Percentage Composition: C 69.68%; H 7.12%; N 7.07%; O 16.14%

Biological Source: Alkaloid from *Rauwolfia nitida* root bark (Apocynaceae)

Melting Point: Mp 136°

Optical Rotation: [α]_D²⁰ -25 (Py) (synthetic). [α]_D²² -89 (CHCl₃) (nat.)

>>Derivative: 17-Epimer

Synonym(s): 17-Epialloyohimbine. 17-*epi*-Alloyohimbine

CAS Registry Number: 59952-56-6

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 seeds of *Aspidosperma oblongum*

Physical Description: Amorph

Optical Rotation: [α]_D -8 (c, 0.74 in CHCl₃)

UV: [neutral] $\lambda_{\max}$ 227 (log ϵ 4.78); 274 (log ϵ 3.7); 283 (log ϵ 3.92); 291 (log ϵ 3.85) (EtOH)