



Formula: C₂₁H₂₇ClN₂O₃

MW: 390.91

CAS: 6211-32-1

MDL: MFCD06668052

TNP: TNP00156

YOHIMBINE HCL, ALPHA-;
20-alpha-yohimban-16-beta-carboxylicacid,17-alpha-hydroxy-,methylester,hyd;
alpha-yohimbinhydrochloride; RAUWOLFSCINE HYDROCHLORIDE; RAUWOLSCINE;
RAUWOLSCINE HCL; RAUWOLSCINE HYDROCHLORIDE; ISOYOHIMBINE



LogP: -2

LogS: -1.69

Acceptors: 3

Donors: 2

Rotation Bonds: 1

Chiral Centers: 5

N+O: 5

LIPINSKY: 4

Info: water

IUPAC:

Smiles:

C1=CC=C2C(=C1)N(C)C(=O)C2.Cl

Physiol Action: alpha2-adrenoceptor antagonist; 5-HT1A serotonin receptor agonist

THERAPEUTIC CATEGORY: Alpha-adrenergic blocker; mydriatic

VET THERAP CATEGORY: VET THERAP CATEGORY

SOURCE: Found in *Coryanthe johime* K. Schum., Rubaceae and related trees, also in *Rauwolfia serpentina* (L.) Benth., Apocynaceae

Specification: Adrenoceptor RAUWOLSCINE HYDROCHLORIDE Chemical Properties:

mp 270-280C storage temp. Store at RT solubility H2O: soluble form solid color white Safety Information Hazard Codes T Risk Statements 23/24/25 Safety Statements 22-36/37/39-45 RIDADR UN 1544 6.1/PG 2 WGK Germany 3 RTECS ZG1035000 RAUWOLSCINE HYDROCHLORIDE Usage And Synthesis Biological Activity Standard α_2 -adrenergic antagonist (K_i values are 3.5, 4.6, and 0.6 nM at cloned human α_2A , α_2B , and α_2C -adrenoceptors respectively). Partial agonist at 5-HT 1A receptors. Also available as part of the α_2 -Adrenoceptor Tocriset