



Formula: C₂₁H₂₇ClN₂O₃

MW: 390.91

CAS: 6211-32-1

TNP NUMBER: TNP00156

MDL NUMBER: MFCD06668052

Smiles:

Cc1c2c3c([nH]c2ccc1)[C@H]1(N(CC3)C[C@@H]2([C@H](C1)([C@H](C(OC)=O)[C@H](CC2)O))Cl

THERAPEUTIC CATEGORY: Alpha-adrenergic blocker; mydriatic

VET THERAP CATEGORY: Adrenergic blocker. Has been used as aphrodisiac

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

ACCEPTORS: 3

DONORS: 2

ROTATION BONDS: 1

N+O: 5

Chiral Centers: 5

LogP: 5.06

LogS: -5.27

LIPINSKI: 4

Synonyms: YOHIMBINE HCL,
ALPHA-;20-alpha-yohimban-16-beta-carboxylic acid, 17-alpha-hydroxy-, methyl ester, hydrochloride; alpha-yohimbine hydrochloride; RAUWOLFSCINE HYDROCHLORIDE; RAUWOLSCINE; RAUWOLSCINE HCL; RAUWOLSCINE HYDROCHLORIDE; ISOYOHIMBINE

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EINECS: 228-279-6

Product Categories: Adrenoceptor RAUWOLSCINE HYDROCHLORIDE

Chemical Properties: mp 270-280°C storage temp. Store at RT solubility H₂O: soluble form solid color white 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. RAUWOLSCINE HYDROCHLORIDE

