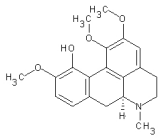

Formula: C20H23NO4

MW: 341.41

CAS: 475-67-2

MDL: MFCD01844805

TNP: TNP00260

LUTEANINE; LUTEANINE HYDROCHLORIDE; ARTABOTRINE; D-ISOCORYDINE HYDROCHLORIDE; (+)-ISOCORYDINE HCL; ISOCORYDINE HCL, (+)-; (+)-ISOCORYDINE HYDROCHLORIDE; ISOCORYDINE HYDROCHLORIDE

LogP: 1.26

LogS: -3.91

Acceptors: 4

Donors: 1

Rotation Bonds: 4

Chiral Centers: 1

N+O: 5

LIPINSKY: 4

IUPAC:

Smiles: c12c(C[C@H]3(c4c1c(c(cc4CCN3C)OC)OC))ccc(c2O)OC

REFERENCE: Merck 13,5180

SOURCE: From tubers of Corydalis cava

ACTIVITY: Inhibitor of eukaryote protein kinases.

Specification: Miscellaneous Natural Products ISOCORYDINE HYDROCHLORIDE Chemical Properties:

 mp 216-220 C(lit.) CAS DataBase Reference13552-72-2(CAS DataBase Reference) Safety Information Hazard Codes T Safety Statements 16-23-45-22-7 RIDADR 1544 WGK Germany 3 RTECS CE1057950 HazardClass 6.1(b) PackingGroup III ISOCORYDINE HYDROCHLORIDE Usage And Synthesis ISOCORYDINE HYDROCHLORIDE

Merck 13 Reference: Monograph Number: 0005180

Title: Isocorydine

CAS Registry Number: 475-67-2

CAS Name:
(6aS)-5,6,6a,7-Tetrahydro-1,2,10-trimethoxy-6-methyl-4H-dibenzo[de,g]quinolin-11-ol

Additional Names: 1,2,10-trimethoxy-6aa-aporphin-11-ol;
11-hydroxy-1,2,10-trimethoxyaporphine; artabotrine; luteanine

Molecular Formula: C20H23NO4

Molecular Weight: 341.40.

Percent Composition: C 70.36%, H 6.79%, N 4.10%, O 18.75%

Literature References: From tubers of Corydalis cava (L.) Schweigg. & Korte (C. tuberosa DC., Fumariaceae); Artabotrys suaveolens Blume, Anonaceae; Papaver oreophilum Rupr.; Phoebe clemensii Allen (Lauraceae) and others. Isoln: Gadamer, Arch. Pharm. 249, 669 (1911); Johns, Lamberton, Aust. J. Chem. 20, 1277 (1967); Pfeifer, Mann, Pharmazie 23, 82 (1968). Structure: Sp