



Formula: C₁₇H₂₂BrNO₃

MW: 368.27

CAS: 1953-04-4

MDL: MFCD00067672

TNP: TNP00150

NIVALIN; NIVALIN, HBR;
4A,5,9,10,11,12-HEXAHYDRO-3-METHOXY-11-METHYL-6H-BENZOFURO[3A,3,2-EF][2]BENZAZEPIN-6-OL HYDROBROMIDE; GALANTAMINE HBR; GALANTAMINE HYDROBROMIDE; GALANTHAMIDE HYDROBROMIDE; GALANTHAMINE HBR; GALANTHAMINE HYDROBROMIDE



LogP: 11.87

LogS: -7.69

Acceptors: 3

Donors: 1

Rotation Bonds: 1

Chiral Centers: 3

N+O: 4

LIPINSKY: 3

IUPAC:

Smiles: C1c2ccc(c3c2[C@]2(CCN1C)C=C[C@H](O)C[C@H]2O3)OC.Br

Specification: Alkaloids; Alkaloids (Others); Biochemistry; Functional Products; Heterocycles; Intermediates & Fine Chemicals; Pharmaceuticals; API's; Acetylcholine receptor Galanthamine hydrobromide Chemical Properties:

mp 256 C refractive index -95 (C=1.4, H₂O) storage temp. -20C Merck 4340 CAS DataBase Reference1953-04-4(CAS DataBase Reference) Safety Information Hazard Codes T Risk Statements 25 Safety Statements 45-36/37/39-22 RIDADR UN 2811 6.1/PG 3 WGK Germany 3 RTECS DF8075000 Galanthamine hydrobromide Usage And Synthesis Chemical Properties:

White to Off-White Powder UsageA selective acetylcholinesterase inhibitor Biological ActivityLong-acting, centrally active acetylcholinesterase inhibitor (IC₅₀ = 410 nM) and allosteric potentiator at neuronal nicotinic ACh receptors. Prevents