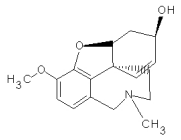

Formula: C17H21NO3

MW: 287.36

CAS: 19-45-3

TNP NUMBER: TNP00165

MDL NUMBER: MFCD00601334

IUPAC: (1S,12S,14R)-9-methoxy-4-methyl-11-oxa-4-azatetracyclo[8.6.1.0.0]h eptadeca-6,8,10(17),15-tetraen-14-ol

Smiles: c1cc(c2c3c1CN(CC[C@]13C(O2)C[C@H](C=C1)O)C)OC

THERAPEUTIC CATEGORY: A cholinesterase inhibitor used in the treatment of Alzheimer's disease.

REFERENCE: Sweeney JE, Puttfarcken PS, Coyle JT. Pharmacol Biochem Behav. 34:129-37 (1989). Lilienfeld S. CNS Drug Rev. 8:159-76 (2002). Dajas-Bailador FA, Heimala K, Wonnacott S. Mol Pharmacol. 64:1217-26 (2003). * 1. D. H. R. Barton, G. W. Kirby. J. Chem. Soc., 806 (1962); Proc. Chem. Soc. (1960) 392 2. Holl et al., Electroencephalography Clinical Neurophysiology (1992) 82:445

SOURCE: Alkaloid C17H21NO3.HBr from the plants of Ungernia genus, Amaryllidaceae.

ACCEPTORS: 3

DONORS: 1

ROTATION BONDS: 1

N+O: 4

Chiral Centers: 3

LogP: 2.78

LogS: -4.09

LIPINSKI: 4

Synonyms: GALANTHAMINE HYDROBROMIDE(RG)

CAS:

MF:

MW:0

EINECS:

Product Categories: GALANTHAMINE HYDROBROMIDE(RG) GALANTHAMINE HYDROBROMIDE(RG)

Usage And Synthesis: GALANTHAMINE HYDROBROMIDE(RG)