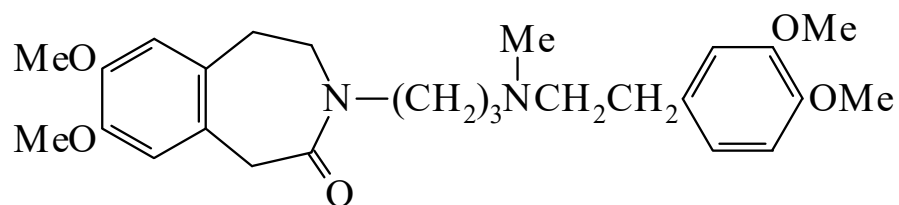




>>Entry Name: Zatebradine, INN

Synonym(s): 3-[3-[[2-(3,4-Dimethoxyphenyl)ethyl]methylamino]propyl]-1,3,4,5-tetrahydro-7,8-dimethoxy-2H-3-benzazepin-2-one, 9Cl. UL-FS49



CAS Registry Number: 85175-67-3

Related CAS Registry Numbers(s): 85175-64-0 125846-52-8

Molecular Formula: C₂₆H₃₆N₂O₅

Molecular Weight: 456.581

Accurate Mass: 456.262423

Percentage Composition: C 68.40%; H 7.95%; N 6.14%; O 17.52%

Use/Importance: Bradycardic agent suitable for treatment of stable angina pectoris

Calculated Log P Data: Log P 1.69 (uncertain value) (calc)

>>Derivative: Hydrochloride

CAS Registry Number: 91940-87-3

Physical Description: Dimorphic cryst.

Melting Point: Mp 168°. Mp 188°

References:

Eur. Pat., 1982, *Dr Karl Thomae*, 65 229; *CA*, **99**, 22340g, (*synth, pharmacol*)

Kobinger, W. *et al.*, *Eur. J. Pharmacol.*, 1984, **104**, 9, (*pharmacol*)

Daemmgen, J.W. *et al.*, *J. Cardiovasc. Pharmacol.*, 1985, **7**, 71, (*pharmacol*)

Reiffen, M. *et al.*, *J. Med. Chem.*, 1990, **33**, 1496; 3229, (*synth, cryst struct, pharmacol, ir, pmr, cmr, ms*)

Luger, P., *S. Afr. J. Chem.*, 1990, **43**, 1, (*rev*)

Roth, W. *et al.*, *J. Pharm. Sci.*, 1993, **82**, 99, (*pharmacol*)

Schmid, J. *et al.*, *J. Chromatogr., B: Biomed. Appl.*, 1994, **658**, 93, (*gc-ms*)