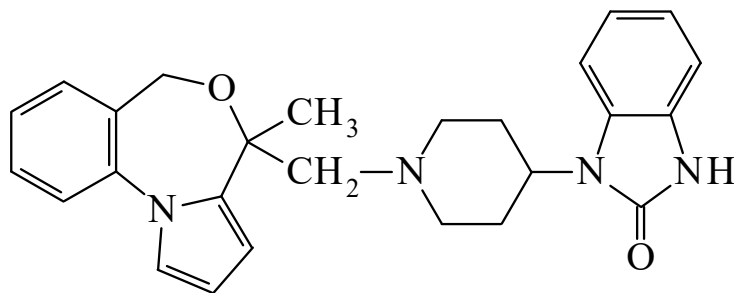




>>Entry Name: Zaldaride, INN

Synonym(s): 1,3-Dihydro-1-[1-[(4-methyl-4*H*,6*H*-pyrrolo[1,2-*a*][4,1]benzoxazepin-4-yl)methyl]-4-piperidiny]-2*H*-benzimidazol-2-one, 9CI



CAS Registry Number: 109826-26-8

Related CAS Registry Numbers(s): 114007-62-4

Molecular Formula: C₂₆H₂₈N₄O₂

Molecular Weight: 428.533

Accurate Mass: 428.221226

Percentage Composition: C 72.87%; H 6.59%; N 13.07%; O 7.47%

Use/Importance: Calmodulin inhibitor showing *in vivo* antidiarrhoeal activity. Effective in treatment of skin burns

>>Variant: (±)-form

Molecular Formula: C₂₆H₂₈N₄O₂

Molecular Weight: 428.533

Accurate Mass: 428.221226

Percentage Composition: C 72.87%; H 6.59%; N 13.07%; O 7.47%

Physical Description: Monohydrate

Melting Point: Mp 173-175°

>>Derivative: Maleate

Synonym(s): CGS 9343B

CAS Registry Number: 109826-27-9

Melting Point: Mp 189-190°

References:

- Norman, J.A. *et al.*, *Mol. Pharmacol.*, 1987, **31**, 535, (*synth, pharmacol*)
U.S. Pat., 1987, *Ciba-Geigy*, 4 758 559; *CA*, **108**, 186778m, (*synth, pharmacol*)
Boyer, S. *et al.*, *J. Het. Chem.*, 1988, **25**, 1003, (*synth, pmr, ir*)
Black, E.W. *et al.*, *J. Pharmacol. Exp. Ther.*, 1989, **248**, 208, (*pharmacol*)
Shook, J.E. *et al.*, *J. Pharmacol. Exp. Ther.*, 1989, **251**, 247, (*pharmacol*)
Safayhi, H. *et al.*, *Naunyn-Schmiedeberg's Arch. Pharmacol.*, 1989, **339**, 8, (*pharmacol*)
Beitner, R. *et al.*, *Gen. Pharmacol.*, 1991, **22**, 67, (*activity*)
Grosman, N., *Agents Actions*, 1992, **36**, 192, (*activity*)
Neuhaus, R. *et al.*, *Eur. J. Pharmacol.*, 1992, **226**, 183, (*pharmacol*)
duPont, H.L. *et al.*, *Gastroenterology*, 1993, **104**, 709, (*activity, clin trial*)