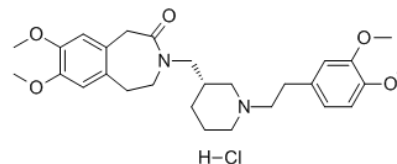


Product Name : Cilobradine
Cat. No. : PC-45567
CAS No. : 186097-54-1
Molecular Formula : C₂₈H₃₉ClN₂O₅
Molecular Weight : 519.0726
Target : HCN Channel
Solubility : DMSO



Biological Activity

A hyperpolarization-activated cyclic nucleotide-gated (HCN) channel; an open channel blocker of neuronal I_h and related cardiac I_f channels; strongly reduces the pacemaker diastolic depolarization rate and the cell's firing frequency.

Ischemia

Phase 1 Clinical

References

Van Bogaert PP, et al. Eur J Pharmacol. 2003 Oct 8;478(2-3):161-71.

El-Kholy W, et al. Mol Endocrinol. 2007 Mar;21(3):753-64.

Cheng Y, et al. J Pharmacol Exp Ther. 2007 May;321(2):469-76.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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