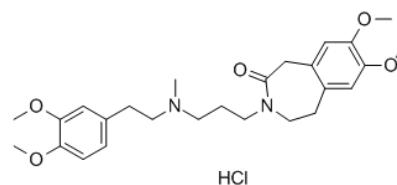


Product Name : Zatebradine hydrochloride
Cat. No. : PC-43526
CAS No. : 91940-87-3
Molecular Formula : C₂₆H₃₇ClN₂O₅
Molecular Weight : 493.0354
Target : HCN Channel
Solubility : 10 mM in DMSO



Biological Activity

Zatebradine hydrochloride (UL-FS49) is a potent blocker (antagonist) of hyperpolarization-activated cyclic nucleotide-gated (**HCN**) channel, a specific bradycardic agent.

Zatebradine blocks cardiac pacemaker current (I_f), decreases the rate of spontaneously beating guinea-pig atria with EC₅₀ of 0.030 ug/mL.

References

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

McGovern AE, et al. *Br J Pharmacol.* 2014 Aug;171(15):3633-50.

Gill CH, et al. *Br J Pharmacol.* 2004 Oct;143(3):411-21.

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

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