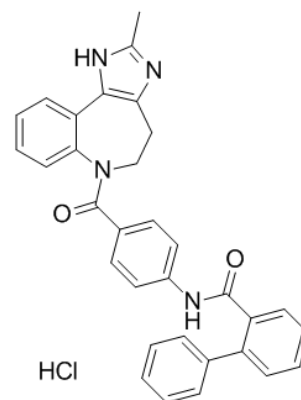


Product Name : Conivaptan hydrochloride
Cat. No. : PC-45460
CAS No. : 168626-94-6
Molecular Formula : C₃₂H₂₇ClN₄O₂
Molecular Weight : 535.0354
Target : Vasopressin Receptor
Solubility : 10 mM in DMSO



Biological Activity

Conivaptan (YM-087) is a potent, selective nonpeptide **vasopressin V1A and V2 receptor** antagonist with K_i of 0.48 nM and 3.04 nM respectively.

Conivaptan (YM-087) is less potent for OT receptors and no effect on V1B receptor.

Conivaptan (YM-087) blocks AVP-induced cAMP production of cultured renal epithelium cells concentration dependently and has no agonistic activities.

References

Tahara A, et al. *J Pharmacol Exp Ther.* 1997 Jul;282(1):301-8.

Tahara A, et al. *Cardiovasc Res.* 1998 Apr;38(1):198-205.

Nakayama S, et al. *Neurocrit Care.* 2016 Apr;24(2):273-82.

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

E-mail: tech@probechem.com