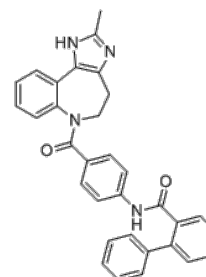


**Product Name** : Conivaptan  
**Cat. No.** : PC-70166  
**CAS No.** : 210101-16-9  
**Molecular Formula** : C<sub>32</sub>H<sub>26</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 498.583  
**Target** : Vasopressin Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Conivaptan (YM-087) is a potent, selective, nonpeptide **vasopressin V1A and V2 receptor** antagonist with K<sub>i</sub> of 0.48 nM and 3.04 nM respectively.

Conivaptan (YM-087) has less potency 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