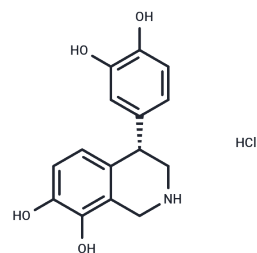


## Zelandopam hydrochloride

## Chemical Properties

CAS No. :	138086-00-7
Formula:	C <sub>15</sub> H <sub>16</sub> ClNO <sub>4</sub>
Molecular Weight:	309.74
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Zelandopam hydrochloride is a biochemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2285 mL	16.1426 mL	32.2851 mL
5 mM	0.6457 mL	3.2285 mL	6.457 mL
10 mM	0.3229 mL	1.6143 mL	3.2285 mL
50 mM	0.0646 mL	0.3229 mL	0.6457 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

- Yatsu T, Aoki M, Inagaki O. Preventive effect of zelandopam, a dopamine D1 receptor agonist, on cisplatin-induced acute renal failure in rats. *Eur J Pharmacol.* 2003 Feb 14;461(2-3):191-5. PubMed PMID: 12586214.
- Yatsu T, Miyamoto I, Kaneko-Takanuki F, Watanabe T, Takenaka T. Pharmacological and pharmacokinetic characteristics of YM435, a novel dopamine DA1-receptor agonist, in anaesthetized dogs. *J Pharm Pharmacol.* 1997 Sep;49(9):892-6. PubMed PMID: 9306257.
- Yatsu T, Arai Y, Takizawa K, Kasai-Nakagawa C, Takanashi M, Uchida W, Inagaki O, Tanaka A, Asano M, Honda K, Takenaka T. Renal effect of YM435, a new dopamine D1 receptor agonist, in anesthetized dogs. *Eur J Pharmacol.* 1997 Mar 12;322(1):45-53. PubMed PMID: 9088869.

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