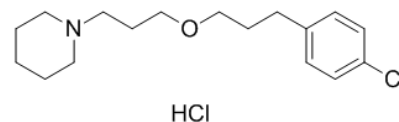


**Product Name** : Pitolisant hydrochloride  
**Cat. No.** : PC-42911  
**CAS No.** : 903576-44-3  
**Molecular Formula** : C<sub>17</sub>H<sub>27</sub>Cl<sub>2</sub>NO  
**Molecular Weight** : 332.3084  
**Target** : Histamine Receptor  
**Solubility** : DMSO: ≥ 43 mg/mL



## Biological Activity

A potent and selective antagonist of H<sub>3</sub> receptor with K<sub>i</sub>/EC<sub>50</sub> of 0.16/1.5 nM; no effect on H<sub>1</sub>, H<sub>2</sub>, H<sub>4</sub> receptors (IC<sub>50</sub>>10 μM); orally bioactive.

Sleep Disorder  
Approved

## References

Ligneau X, et al. J Pharmacol Exp Ther. 2007 Jan;320(1):365-75.

Dudek M, et al. Metab Brain Dis. 2016 Oct;31(5):1023-9.

Ligneau X, et al. Biochem Pharmacol. 2007 Apr 15;73(8):1215-24.

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

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