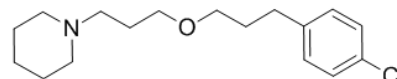


Product Name : Pitolisant
Cat. No. : PC-42909
CAS No. : 362665-56-3
Molecular Formula : C₁₇H₂₆ClNO
Molecular Weight : 295.8474
Target : Histamine Receptor
Solubility : 10 mM in DMSO



Biological Activity

Pitolisant (Tiprolisant; BF-2649; BF 2.649) is a potent and selective antagonist of **H3 receptor** with K_i/EC_{50} of 0.16/1.5 nM. Pitolisant shows no effect on H1, H2, H4 receptors ($IC_{50} > 10 \mu M$). Pitolisant is orally bioactive.

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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