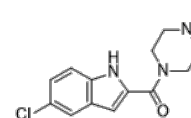


Product Name : JNJ-7777120
Cat. No. : PC-23473
CAS No. : 459168-41-3
Molecular Formula : C₁₄H₁₆ClN₃O
Molecular Weight : 277.75
Target : Histamine Receptor
Solubility : 10 mM in DMSO



Biological Activity

JNJ-7777120 (JNJ 7777120) is potent and selective histamine H₄ receptor (H₄R) antagonist with K_i of 4.5 nM (hH₄R), >1000-fold selectivity over H₁, H₂, or H₃ receptors.

JNJ-7777120 (JNJ 7777120) is equipotent against the human, mouse, and rat receptors.

JNJ 7777120 blocks histamine-induced chemotaxis and calcium influx in mouse bone marrow-derived mast cells.

JNJ 7777120 blocks the histamine-induced migration of tracheal mast cells from the connective tissue toward the epithelium in mice.

JNJ 7777120 significantly blocks neutrophil infiltration in a mouse zymosan-induced peritonitis model.

References

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Lim HD, et al. J Pharmacol Exp Ther. 2005 Sep;314(3):1310-21.

Ling P, et al. Br J Pharmacol. 2004 May;142(1):161-71.

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

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