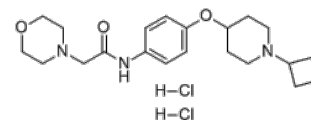


Product Name : SUVN-G3031
Cat. No. : PC-35981
CAS No. : 1394808-20-8
Molecular Formula : C₂₁H₃₃Cl₂N₃O₃
Molecular Weight : 446.413
Target : Histamine Receptor
Solubility : 10 mM in DMSO



Biological Activity

SUVN-G3031 (SUVN-G 3031) is a potent, selective, orally active **histamine H3** receptor (H3R) inverse agonist with K_i of 8.73 nM (hH3R).

SUVN-G3031 exhibited an IC₅₀ of 20 nM with progressive inhibition of (R)-α-methylhistamine (0.03 μM) induced agonist activity in [35S]-GTPγS binding assay using CHO-K1 cells expressing human H3R membranes.

SUVN-G3031 reverses (R)-α-methylhistamine induced dipsogenia in vivo.

References

Nirogi R, et al. *J Med Chem*. 2019 Jan 10. doi: 10.1021/acs.jmedchem.8b01280.

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

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