

Product Name : SUVN-G3031 dihydrochloride

Synonyms : SUVN-G 3031

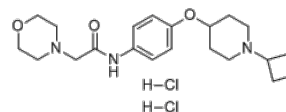
Cat No. : M11646

CAS Number : 1394808-20-8

Molecular Formula : C₂₁H₃₃Cl₂N₃O₃

Formula Weight : 446.41

Chemical Name : N-[4-(1-Cyclobutyl)piperidin-4-yloxy] phenyl]-2-(morpholin-4-yl) acetamide dihydrochloride



Description : 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); 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; reverses (R)-α-methylhistamine induced dipsogenia in vivo. Parkinson Disease Phase 1 Clinical

Pathway : GPCR/G Protein

Target : Histamine Receptor

Receptor : Histamine Receptor

Solubility : —

SMILES : C1CC(C1)N2CCC(CC2)OC3=CC=C(C=C3)NC(=O)CN4CCOCC4.Cl.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

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