

Product Name	: SUVN-G3031
Synonyms	: SUVN-G 3031
Cat No.	: M11647
CAS Number	: 1394808-82-2
Molecular Formula	: C ₂₁ H ₃₁ N ₃ O ₃
Formula Weight	: 373.50
Chemical Name	: N-[4-(1-Cyclobutyl)piperidin-4-yloxy] phenyl]-2-(morpholin-4-yl) acetamide
Description	: SUVN-G3031 (SUVN-G 3031) is a potent, selective, orally active histamine H ₃ receptor (H ₃ R) inverse agonist with K _i of 8.73 nM (hH ₃ R); exhibited an IC ₅₀ of 20 nM with progressive inhibition of (R)-α-methylhistamine (0.03 μM) induced agonist activity in [³⁵ S]-GTPγS binding assay using CHO-K1 cells expressing human H ₃ R 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	: <chem>C1CC(C1)N2CCC(CC2)OC3=CC=C(C=C3)NC(=O)CN4CCOCC4</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

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