

Product Name	: BPR1M97
Synonyms	: —
Cat No.	: M32815
CAS Number	: 2059904-66-2
Molecular Formula	: C ₁₈ H ₁₈ Cl ₂ N ₂ O
Formula Weight	: 349.25
Chemical Name	: —
Description	BPR1M97 is a dual-acting mu opioid receptor (MOP) and nociceptin-orphanin FQ peptide (NOP) receptor agonist with Ki values of 1.8 and 4.2 nM, respectively. BPR1M97 shows high potency and blood-brain barrier penetration, and produces potent antinociceptive effects.
Pathway	: Endocrinology/Hormones
Target	: Opioid Receptor
Receptor	: Opioid Receptor
Solubility	: In Vitro: ?DMSO : 250 mg/mL (715.82 mM; Ultrasonic)
SMILES	: <chem>CN1CCc2ccccc2C1CNC(=O)c1ccc(Cl)c(Cl)c1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Chao PK, et al. BPR1M97, a dual mu opioid receptor/nociceptin-orphanin FQ peptide receptor agonist, produces potent antinociceptive effects with safer properties than morphine. Neuropharmacology. 2019 Jul 3;107678.?