

Product Name	: LY2795050
Synonyms	: —
Cat No.	: M23506
CAS Number	: 1346133-08-1
Molecular Formula	: C ₂₃ H ₂₁ ClN ₃ O ₂
Formula Weight	: 407.9
Chemical Name	: —
Description	: LY2795050 is a novel specific κ-Opioid Receptor antagonist (IC ₅₀ : 0.72 nM).
Pathway	: Endocrinology/Hormones
Target	: Opioid Receptor
Receptor	: κ-opioid receptor
Solubility	: DMSO:50 mg/mL (122.58 mM; Need ultrasonic)
SMILES	: <chem>O=C(N)C1=CC=C(OC2=CC=C(CN3[C@H](C4=CC=CN=C4)CCC3)C=C2)C(Cl)=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Mitch, Charles H.; Quimby, Steven J.; Diaz, Nuria; et al. Discovery of Aminobenzoyloxyarylamides as κ Opioid Receptor Selective Antagonists: Application to Preclinical Development of a κ Opioid Receptor Antagonist Receptor Occupancy Tracer. *Journal of Medicinal Chemistry* (2011), 54(23), 8000-8012.