

Product Name	: VU0650786
Synonyms	: —
Cat No.	: M23823
CAS Number	: 1809085-30-0
Molecular Formula	: C ₁₈ H ₁₅ ClFN ₅ O ₂
Formula Weight	: 387.8
Chemical Name	: —
Description	: VU0650786 is a selective and potent CNS penetrant negative allosteric modulator of metabotropic glutamate receptor subtype 3 (mGlu3 NAM) (IC ₅₀ : 392 nM), with antidepressant and anxiolytic activity in rodents.
Pathway	: Neuroscience
Target	: GluR
Receptor	: mGluR3
Solubility	: DMSO: 240 mg/mL (618.88 mM; Need ultrasonic); H ₂ O: insoluble
SMILES	: ClC1=CN=C(OCC2=NN([C@H](C)CN(C3=C(F)N=CC=C3)C4=O)C4=C2)C=C1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Engers JL, et al. Discovery of a Selective and CNS Penetrant Negative Allosteric Modulator of Metabotropic Glutamate Receptor Subtype 3 with Antidepressant and Anxiolytic Activity in Rodents. J Med Chem. 2015 Sep 24;58(18):7485-500.