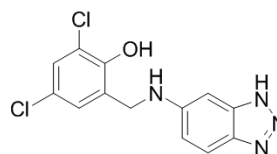


Product Name	: IC-87201
Synonyms	: IC87201; IC 87201
Cat No.	: M16299
CAS Number	: 866927-10-8
Molecular Formula	: C ₁₃ H ₁₀ Cl ₂ N ₄ O
Formula Weight	: 309.15
Chemical Name	: Phenol, 2-[(1H-benzotriazol-6-ylamino)methyl]-4,6-dichloro-
Description	: A small molecule inhibitor of PSD-95/nNOS interaction with IC ₅₀ of 31 uM, without inhibiting nNOS catalytic activity; dose-dependently blocks NMDA-induced increase in cGMP production in hippocampal cultures with IC ₅₀ of 2.7 uM; inhibits NMDA-induced thermal hyperalgesia in mice with no effect on acute pain thresholds or motor coordination, also reverses mechanical allodynia induced by chronic constriction of the sciatic nerve.
Pathway	: Immunology/Inflammation
Target	: NOS
Receptor	: NOS
Solubility	: DMSO: ≥ 28 mg/mL
SMILES	: OC1=C(Cl)C=C(Cl)C=C1CNC2=CC=C(NN=N3)C3=C2
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Florio SK, et al. Br J Pharmacol. 2009 Sep;158(2):494-506. 2. Doucet MV, et al. Neuropsychopharmacology. 2013 Jul;38(8):1575-84. 3. Bach A, et al. Sci Rep. 2015 Jul 16;5:12157.