

Product Name : CB-6673567

Synonyms : CB6673567

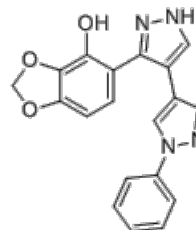
Cat No. : M14307

CAS Number : 379218-90-3

Molecular Formula : C₁₉H₁₄N₄O₃

Formula Weight : 346.35

Chemical Name : 1,3-Benzodioxol-4-ol, 5-(1'-phenyl[4,4'-bi-1H-pyrazol]-3-yl)-



Description : CB-6673567 is a potent, selective Adenylyl Cyclase 1 (AC1) inhibitor with IC₅₀ of 77 uM, displays a 2- to 4-fold isoform selectivity over AC6; blocks the choline-induced cAMP increase in hippocampal neurons.

Pathway : Metabolic Enzyme/Protease

Target : Adenylate Cyclase

Receptor : Adenylate Cyclase

Solubility : —

SMILES : OC1=C2OCOC2=CC=C1C3=NNC=C3C4=CN(C5=CC=CC=C5)N=C4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Brand CS, et al. J Pharmacol Exp Ther. 2013 Nov;347(2):265-75. 2. Cheng Q, et al. Neuropharmacology. 2015 Aug;95:405-14.