

Product Name : PF-03463275

Synonyms : PF 3463275

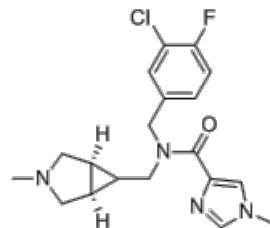
Cat No. : M10582

CAS Number : 1173177-11-1

Molecular Formula : C₁₉H₂₂ClFN₄O

Formula Weight : 376.86

Chemical Name : N-[(3-chloro-4-fluorophenyl)methyl]-1-methyl-N-[[[(1R,5S)-3-methyl-3-azabicyclo[3.1.0]hexan-6-yl)methyl]imidazole-4-carboxamide



Description : PF-03463275 (PF 3463275) is an orally bioavailable, centrally penetrant, potent, reversible, selective, and competitive inhibitor of the human GlyT1 transporter with K_i of 13 nM; shows no significant affinity for GlyT2 (K_i >1 mM); is under investigation for the treatment of schizophrenia. Schizophrenia Phase 2 Discontinued

Pathway : Membrane Transporter/Ion Channel

Target : GlyT

Receptor : GlyT

Solubility : —

SMILES : O=C(C1=CN(C)C=N1)N(CC2=CC=C(F)C(Cl)=C2)CC3[C@@]4([H])CN(C)C[C@@]34[H]

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Roberts BM, et al. Neuroreport. 2010 Mar 31;21(5):390-4. | 2. Liu CN, et al. Cutan Ocul Toxicol. 2014 Sep;33(3):206-11.