

Product Name : AMG 747

Synonyms : AMG747;AMG-747

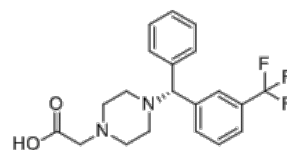
Cat No. : M10008

CAS Number : 1000690-85-6

Molecular Formula : C₂₀H₂₁F₃N₂O₂

Formula Weight : 378.40

Chemical Name : 1-Piperazineacetic acid, 4-[(R)-phenyl[3-(trifluoromethyl)phenyl]methyl]-



Description : A nanomolar potent, selective, and orally bioavailable glycine transporter type-1 (GlyT1) inhibitor for the treatment of negative symptoms associated with schizophrenia; dose-dependently increases cerebrospinal fluid (CSF) glycine concentration in rats and humans. Schizophrenia Phase 2 Discontinued

Pathway : Membrane Transporter/Ion Channel

Target : GlyT

Receptor : GlyT

Solubility : —

SMILES : O=C(O)CN1CCN([C@H](C2=CC=CC=C2)C3=CC=CC(C(F)(F)F)=C3)CC1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Dunayevich E, et al. Schizophr Res. 2017 Apr;182:90-97.