

Product Name : Ampreloxetine

Synonyms : TD-9855; TD9855

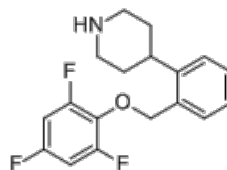
Cat No. : M10872

CAS Number : 1227056-84-9

Molecular Formula : C₁₈H₁₈F₃NO

Formula Weight : 321.34

Chemical Name : 4-{2-[(2,4,6-trifluorophenoxy)methyl]phenyl}piperidine



Description : Ampreloxetine (TD-9855) is a potent monoamine reuptake inhibitor with pIC₅₀ of 8.0, 8.6 and 6.8 for human NET, SERT, and DAT, respectively; displays an inhibitory selectivity of 4- to 10-fold for NE at human and rat transporter; engaged norepinephrine transporters (NET) and serotonin transporters (SERT) in rat spinal cord, with a plasma EC₅₀ of 11.7 ng/mL and 50.8 ng/mL, respectively; TD-9855 is an investigational dual norepinephrine (NE) and serotonin (5-HT) reuptake inhibitor with selectivity for NE over 5-HT (NSRI). Other Indication Phase 2 Clinical

Pathway : Membrane Transporter/Ion Channel

Target : Monoamine Transporter

Receptor : Monoamine Transporter

Solubility : —

SMILES : FC1=C(OCC2=CC=CC=C2C3CCNCC3)C(F)=CC(F)=C1.[H]Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Smith JA, et al. Int J Neuropsychopharmacol. 2014 Dec 13;18(2). pii: pyu027.