
PF-04995274

产品编号: D56138

CAS: 1331782-27-4

分子式: C₂₃H₃₂N₂O₆

纯度: 99.55%

InChi Key: InChiKey=WLLOFQROROXOMO-GOSISDBHSA-N

Smiles: C1COC[C@@H]1OC2=CC=CC3=C2C(=NO3)OCC4CCN(CC4)CC5(CCOCC5)O

外观: 固体粉末

作用通路: GPCR/G Protein; Neuroscience

作用靶点: 5-HT Receptor

溶解性: DMSO:100 mg/mL (231.21 mM; Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: PF-04995274 is an effective, high-affinity, and partial serotonin 4 receptor (5-HT₄R) agonist.

PF-04995274 is brain penetrant and can be used for cognitive disorders associated with

Alzheimer's disease. PF-04995274 has an EC₅₀ range of 0.26-0.47 nM for human 5-

HT_{4A}/4B/4D/4E (K_i range of 0.15-0.46 nM). It also has an EC₅₀ range of 0.59-0.65 nM for rat 5-

HT_{4S}/4L/4E (K_i of 0.30 nM for rat 5-HT_{4S}).