
J147

产品编号: D50712

CAS: 1146963-51-0

分子式: C₁₈H₁₇F₃N₂O₂

纯度: ≥98%

InChi: InChi=1S/C₁₈H₁₇F₃N₂O₂/c1-12-7-8-16(13(2)9-12)23(17(24)18(19,20)21)22-11-14-5-4-6-15(10-14)25-3/h4-11H,1-3H3/b22-11+

InChi Key: HYMZAYGFKNNHDN-SSDVNMTOSA-N

Smiles: COC1C=C(/C=N/N(C(=O)C(F)(F)F)C2C=CC(C)=CC=2C)C=CC=1

外观: 固体粉末

作用通路: Dopamine Transporter

溶解性: DMSO up to 100 mM

保存条件: Store in dry, dark place for one year.

产品介绍: J147 is a potent and orally active neurotrophic molecule discovered based upon efficacy in multiple cellular models of age-associated pathologies rather than exclusively amyloid metabolism. J147 is broadly neuroprotective, and active in six different assays that represent distinct neurotoxicity pathways related to aging and neurodegenerative diseases, with EC₅₀ between 10 and 200 nM. It can also improve memory in normal rodents, and prevent the loss of synaptic proteins and cognitive decline in a transgenic AD mouse model.