
Auten-99 HBr

产品编号: D60356

CAS: 1049780-58-6

分子式: C₁₇H₁₅BrN₂S

纯度: 98%

InChi Key: InChIKey=FYYVGPJPIJHFCL-UHFFFAOYSA-N

Smiles: [H]Br.C12=NCCN1C=C(C3=CC=C(C4=CC=CC=C4)C=C3)S2

外观: 固体粉末

作用通路: Metabolism

作用靶点: Phosphatase

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: Auten-99 HBr is a myotubularin phosphatase Jumpy inhibitor exerting potent neuroprotective effects. AUTEN-99 activates autophagy in cell cultures and animal models. AUTEN-99 appears to effectively penetrate through the blood-brain barrier, and impedes the progression of neurodegenerative symptoms in Drosophila models of Parkinson' s and Huntington' s diseases. Furthermore, the molecule increases the survival of isolated neurons under normal and oxidative stress-induced conditions. Thus, AUTEN-99 serves as a potent neuroprotective drug candidate for preventing and treating diverse neurodegenerative pathologies, and may promote healthy aging.