
YM244769.HCl

产品编号: D60517

CAS: 1780390-65-9

分子式: $C_{26}H_{24}Cl_2FN_3O_3$

纯度: 98%

外观: 固体粉末

作用通路: Membrane transporter/Ion channel

作用靶点: NCX3; NCX1; NCX2; Calcium Channel

溶解性: Soluble in DMSO

保存条件: 2-8°C

产品介绍: YM-244769 dihydrochloride is a potent, selective and orally active Na^+/Ca^{2+} exchanger (NCX) inhibitor. YM-244769 dihydrochloride preferentially inhibits NCX3 and suppresses the unidirectional outward NCX current (Ca^{2+} entry mode), with IC_{50} s of 18 nM and 50 nM, respectively. YM-244769 dihydrochloride efficiently protects against hypoxia/reoxygenation-induced SH-SY5Y neuronal cell damage. YM-244769 dihydrochloride can also increase urine volume and urinary excretion of electrolytes in mice