
YM244769

产品编号: D60522

CAS: 838819-70-8

分子式: C₂₆H₂₂FN₃O₃

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 is a potent, selective and orally active Na⁺/Ca²⁺ exchanger (NCX) inhibitor.

YM-244769 preferentially inhibits NCX3 and suppresses the unidirectional outward NCX current (Ca²⁺ entry mode), with IC₅₀s of 18 nM and 50 nM, respectively. YM-244769 efficiently protects against hypoxia/reoxygenation-induced SH-SY5Y neuronal cell damage. YM-244769 can also increase urine volume and urinary excretion of electrolytes in mice