
LY-303511

产品编号: D51288

CAS: 154447-38-8

分子式: C₁₉H₁₈N₂O₂

纯度: ≥98%

InChi: InChI=1S/C₁₉H₁₈N₂O₂/c22-17-13-18(21-11-9-20-10-12-21)23-19-15(7-4-8-16(17)19)14-5-2-1-3-6-14/h1-8,13,20H,9-12H2

InChi Key: NGAGMBNBKDCDJ-UHFFFAOYSA-N

Smiles: O=C1C=C(OC2C(=CC=CC=21)C1C=CC=CC=1)N1CCNCCC1

外观: 固体粉末

作用通路: Potassium Channel

溶解性: Soluble in DMSO, not in water

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

产品介绍: LY-303511, also known as NV-128 and EM 101, is a potent mTOR inhibitor. LY-303511 enhances TRAIL sensitivity of SHEP-1 neuroblastoma cells via hydrogen peroxide-mediated mitogen-activated protein kinase activation and up-regulation of death receptors. LY-303511 amplifies TRAIL-induced apoptosis in tumor cells by enhancing DR5 oligomerization, DISC assembly, and mitochondrial permeabilization. LY-303511 acts via phosphatidylinositol 3-kinase-independent pathways to inhibit cell proliferation via mammalian target of rapamycin (mTOR)- and non-mTOR-dependent mechanisms.