

Catalog Number: CM11686

产品信息

Catalog Number:
CM11686

CAS号:
3519-82-2

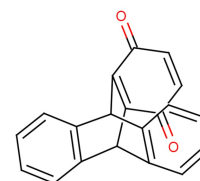
分子式:
C₂₀H₁₂O₂

主要靶点:
Others

主要通路:
其他

分子量:
284.31

溶解度:
DMSO:2.84 mg/mL (10 mM),Need
ultrasound



体外活性

In human retinal microvascular endothelial cells, INCA-6 (1.0, 2.5 μ M) significantly decreases VEGF and serum-induced proliferation without affecting baseline proliferation[1]. In 3-Hz cells, INCA-6 (5 μ M) prevents transient outward K⁺ current downregulation[2]. INCA-6 (10 μ M) significantly inhibits ATP-induced CXCL2 expression in rat primary microglia and BV-2 cells[3]. INCA-6 (5 μ M) protein expression and reduces SERCA2 transcript levels with and without thapsigargin[4].

体内活性

INCA-6 (2.5, 5.0, and 25.0 μ M; intravitreal) significantly reduces pathologic neovascularization in oxygen-induced retinopathy and decreases the severity of OIR in a dose dependent manner[1].

描述

INCA-6 is a cell-permeable NFAT inhibitor. INCA-6 inhibits of CN-NFAT signaling by targeting of NFAT(P) substrate to the calcineurin (CN) phosphatase site.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year