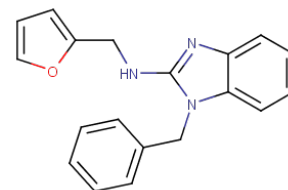


Catalog Number: CM06817

产品信息

Catalog Number:
CM06817CAS号:
831234-13-0分子式:
 $C_{19}H_{17}N_3O$ 主要靶点:
TRP/TRPV Channel主要通路:
离子通道分子量:
303.36溶解度:
DMSO:32.5 mg/mL (107.13 mM)

靶点活性

TRPC5 current IN HEK-293 cells: 14.7 μ M (IC₅₀)

体内活性

AC1903, that specifically blocks TRPC5 channel activity in glomeruli of proteinuric rats. Chronic administration of AC1903 suppressed severe proteinuria and prevented podocyte loss in a transgenic rat model of FSGS. AC1903 also provided therapeutic benefit in a rat model of hypertensive proteinuric kidney disease. TRPC5 activity drives disease and that TRPC5 inhibitors may be valuable for the treatment of progressive kidney diseases[1].

动物实验

Twice-daily intraperitoneal injections of AC1903 (50 mg/kg) for 7 days suppressed severe proteinuria in AT1R Tg rats (Advanced)[1]

描述

AC1903 is a specific inhibitor of TRPC5 channel, and has been shown to suppress severe proteinuria and prevent podocyte loss.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years