

Catalog Number: CM06346

产品信息

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CM06346

CAS号:
1426802-50-7

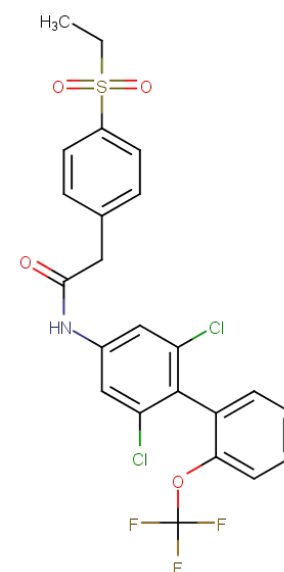
分子式:
 $C_{23}H_{18}Cl_2F_3NO_4S$

主要靶点:
ROR

主要通路:
代谢

分子量:
532.36

溶解度:
DMSO:100 mg/mL (187.84 mM); 10% DMSO+40% PEG300+5% Tween 80+45% Saline:10 mg/mL (18.78 mM)



体外活性

方法: GSK805 (0.5 μ M, 4天) 处理CD4⁺T 细胞 (在 Th17 细胞分化条件下激活)。通过细胞内细胞因子染色测量 IL-17 和 IFN γ 的产生。**结果:** GSK805 在Th17 细胞分化状态下产生了抑制作用。[1]

体内活性

方法: 诱导 C57BL/6 小鼠进行 EAE 并用 GSK805 (30 mg/kg,口服, 14天) 处理。分离中枢神经系统浸润细胞, 并通过细胞内染色测量 IL-17 和 IFN γ 的产生。**结果:** GSK805 强烈抑制 CNS 中的 Th17 细胞反应 (减少 IFN γ IL-17 和 IFN γ IL-17 T 细胞), 而 TNF- α T 细胞的频率没有显著改变)。**[1] 方法:** GSK805 (1、3 和 10 mg/kg, 口服, 每天三次) 给 EAE 小鼠, 观察其对小鼠的影响。**结果:** GSK805能以剂量依赖性方式降低 EAE 的临床严重程度。[2]

细胞实验

CD4⁺CD62L^{high}CD25[?] naive CD4⁺ T cells were purified by FACS sorting following a MACS bead isolation of CD4⁺ cells. Naive CD4⁺ cells were activated with plate-bound anti-CD3 (2 μ g/ml) and anti-CD28 (2 μ g/ml). For Th17 cell differentiation, cultures were supplemented with IL-6 (20 ng/ml) plus TGF- β 1 (1 ng/ml), and IL-23 (10 ng/ml) was added after 48 h. ROR γ t inhibitors or vehicle control DMSO was also included in the cultures. After 96 h, cells were collected for further experiments[1].

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year | Shipping with blue ice.