

For Research Use Only

CCR6 antagonist 1



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Catalog Number: CM09592

产品信息

Catalog Number:
CM09592

CAS号:
588674-64-0

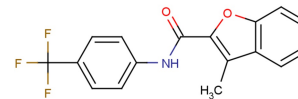
分子式:
C₁₇H₁₂F₃NO₂

主要靶点:
CCR

主要通路:
免疫与炎症|微生物学

分子量:
319.28

溶解度:
DMSO:90mg/mL (281.9mM)



体外活性

CCR6 antagonist 1 (50 μ M, 3 h) blocks the CCL20-induced CD4⁺ T cell migration. CCR6 antagonist 1 (30 nM-300 μ M, 20 min) inhibits miniGi recruitment to CCR6 induced by CCL20, and β -arrestin-1 recruitment to CCR6 and CCR5 by CCL20 and CCL5 (5 nM), respectively[1].

体内活性

CCR6 antagonist 1 (1 mg/kg, s.c., twice daily for 3 days) alleviates TNBS-induced inflammatory responses in mice. CCR6 antagonist 1 (1 mg/kg, s.c., twice, before and after zymosan treatment) shows anti-inflammatory effects in Zymosan-induced peritonitis mice[1].

描述

CCR6 antagonist 1 is a CCR6 antagonist. CCR6 antagonist 1 inhibits the CCL20/CCR6 axis. CCR6 antagonist 1 can be used in the research of autoimmune-mediated inflammatory diseases, such as inflammatory bowel diseases (IBDs).

储存

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

For technical support and original validation data for this product please contact

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