
MCC950

产品编号: D60095

CAS: 210826-40-7

分子式: C₂₀H₂₄N₂O₅S

纯度: 98%

Smiles: CC(C)(O)c1coc(c1)S(=O)(=O)NC(=O)Nc1c2CCCCc2cc2CCCCc12

外观: 固体粉末

作用通路: Immunology/Inflammation

作用靶点: NLRP3; NOD

溶解性: Soluble in DMSO、Ethanol

保存条件: -20°C

产品介绍: CP-456773 (MCC950 (CP-456773) and CRID3) is an effective and specific cytokine release inhibitor and NLRP3 inflammasome inhibitor. CP-456773 inhibits IL-1 β secretion and caspase 1 processing. MCC950 blocked canonical and noncanonical NLRP3 activation at nanomolar concentrations. MCC950 specifically inhibited activation of NLRP3 but not the AIM2, NLRC4 or NLRP1 inflammasomes. MCC950 reduced IL-1 β production in vivo and attenuated the severity of experimental autoimmune encephalomyelitis (EAE), a disease model of multiple sclerosis.