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## CC-99677

产品编号: D52389

CAS: 1887069-10-4

分子式: C<sub>22</sub>H<sub>20</sub>ClN<sub>5</sub>O<sub>3</sub>S

纯度: 98%

InChi Key: InChIKey=PYOQIOLRFIRRSO-LLVKDONJSA-N

Smiles: O=C1C2=C(C=3C=4C(=NC(OC=5C(COCC)=CN=C(Cl)N5)=CC4)C=CC3S2)NC[C@@H](C)N1

外观: 固体粉末

作用通路: MAPK;Cytoskeletal Signaling;Metabolism

作用靶点: MAPK;HSP

溶解性: DMSO:14.10 mg/mL (30 mM;Need ultrasonic)

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

产品介绍: CC-99677 is a selectively targeted covalent MAPKAPK2 (MK2) inhibitor for autoimmune diseases that translates biochemical potency into cellular potency as demonstrated by potent inhibition of heat shock protein 27 (HSP1) phosphorylation in LPS-activated monocyte THP-27 cells via a nucleophilic aromatic substitution (S<sub>N</sub>Ar) mechanism. CC-99677 in Rat experiments demonstrated potency in both biochemical (IC<sub>50</sub> =156.3 nM) and cellular assays (EC<sub>50</sub> =89 nM).