
MSDC-0602K

产品编号: D52825

CAS: 1314533-27-1

分子式: C₁₉H₁₆KNO₅S

纯度: 99.89%

InChi Key: InChIKey=PQCFIIIBRQVVGW-UHFFFAOYSA-M

Smiles: COC1=CC=CC(=C1)C(=O)COC2=CC=C(C=C2)CC3C(=O)[N-]C(=O)S3.[K+]

外观: 固体粉末

作用通路: DNA Damage/DNA Repair;Metabolism

作用靶点: PPAR

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

产品介绍: MSDC-0602K (Azemiglitazone potassium) is a PPAR γ -sparing thiazolidinedione (Ps-TZD) compound that binds to PPAR γ with an IC₅₀ of 18.25 μ M. It also modulates the mitochondrial pyruvate carrier (MPC). This compound, MSDC-0602K, has potential applications in researching fatty liver conditions, including dysfunctional lipid metabolism, inflammation, and insulin resistance. MSDC-0602K acts as an insulin sensitizer, improving insulinemia and fatty liver disease in mice both individually and in combination with Liraglutide.