
PKUMDL-LC-101-D04

产品编号: D62643

CAS: 2143896-83-5

分子式: C₁₄H₂₃ClN₄O₂S₂

纯度: 98%

InChi Key: InChIKey=FELDRJSFLBINQS-UHFFFAOYSA-N

Smiles: Cl.O=S(=O)(NCCN)C1=CC=C(C=C1)NC(=S)NC2CCCC2

外观: 固体粉末

作用靶点: GPX

保存条件: -20°C

产品介绍: PKUMDL-LC-101-D04 is a potent allosteric activator of glutathione peroxidase 4 (GPX4), a regulator of iron death. GPX4 activity was increased to 150% of control levels when used at a concentration of 20 μM in a cell-free assay, and at a concentration of 61 μM in wild-type, but not Gpx4^{-/-}, mouse embryonic fibroblast (MEF) extracts. PKUMDL-LC-101-D04 (200 μM) reduced cholesterol peroxide-induced MEF death.