
MID-1

产品编号: D58883

CAS: 312608-54-1

分子式: C₁₂H₁₁N₃O₄S

纯度: 99.61%

InChi Key: InChIKey=LMDLIMGAGZHZSR-UHFFFAOYSA-N

Smiles: CCOc1ccc(cc1)C(=O)Nc1ncc(s1)[N+](=[O-])=O

外观: 固体粉末

作用通路: Tyrosine Kinase/Adaptors

作用靶点: IGF-1R

溶解性: DMSO:31.25 mg/mL (106.55 mM; Need ultrasonic)

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

产品介绍: MID-1 is an inhibitor of MG53-IRS-1 (Mitsugumin 53-Insulin Receptor Substrate-1) interaction. It disrupts molecular association of MG53 with IRS-1 and abolishes MG53-induced IRS-1 ubiquitination and degradation in skeletal muscle, leading to elevated IRS-1 expression level and increased insulin signaling and glucose uptake