
CTPI-2

产品编号: D60425

CAS: 68003-38-3

分子式: C₁₃H₁₀ClN₂O₆S

纯度: 98%

InChi Key: InChIKey=NJTHPOSQGFJTDP-UHFFFAOYSA-N

Smiles: OC(=O)c1cccc1NS(=O)(=O)c1ccc(Cl)c(c1)[N+][O-]=O

外观: 固体粉末

作用通路: Metabolism

作用靶点: SLC25A1; Mitochondrial Metabolism

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: CTPI-2 is a third-generation mitochondrial citrate carrier SLC25A1 inhibitor with a KD of 3.5 μM. CTPI-2 inhibits glycolysis, PPARγ, and its downstream target the glucose transporter GLUT4. CTPI-2 halts salient alterations of NASH reverting steatosis, preventing the evolution to steatohepatitis, reducing inflammatory macrophage infiltration in the liver and adipose tissue, and starkly mitigating obesity induced by a high-fat diet. Antitumor activity