
DNA2 inhibitor C5

产品编号: D58103

CAS: 35973-25-2

分子式: C₁₀H₆N₂O₅

纯度: 98%

InChi Key: InChIKey=BMIZBCVEHSUUNO-UHFFFAOYSA-N

Smiles: O=C(C1=C(O)C2=CC=CC([N+])([O-])=O)=C2N=C1)O

外观: 固体粉末

作用通路: Others

作用靶点: Others

溶解性: DMSO:31.25 mg/mL (133.45 mM; Need ultrasonic)

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

产品介绍: DNA2 inhibitor C5 is a promising lead compound to develop sensitizers for cancer chemotherapeutics that cause replication stress and it also is a competitive and specific inhibitor of DNA2 nuclease activity (IC₅₀: 20 μM). DNA2 inhibitor C5 inhibits nuclease, DNA dependent ATPase, helicase, and DNA binding activities of DNA2.