
7-Chloro-4-(piperazin-1-yl)quinoline

产品编号: D52451

CAS: 837-52-5

分子式: C₁₃H₁₄ClN₃

纯度: 98%

InChi Key: InChIKey=DNXNPMDUDGUXOB-UHFFFAOYSA-N

Smiles: ClC1=CC2=NC=CC(N3CCNCC3)=C2C=C1

外观: 固体粉末

作用通路: Others

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

产品介绍: 7-Chloro-4-(piperazin-1-yl)quinolone is an important scaffold in medicinal chemistry. It exhibited either alone or as hybrid with other active pharmacophores diverse pharmacological profiles. 7-Chloro-4-(piperazin-1-yl)quinolone is a potent sirtuin inhibitor and also inhibits the serotonin uptake (IC₅₀ of 50 μM). 7-Chloro-4-(piperazin-1-yl)quinolone exhibits antimalarial activity on D10 and K1 strains of *P. falciparum* with IC₅₀s of 1.18 μM and 0.97 μM, respectively.