
DMT1 blocker 2

产品编号: D58296

CAS: 1062648-63-8

分子式: C₁₆H₁₃N₃O

纯度: 99.65%

InChi Key: InChIKey=TZZXPQXPTUBQCK-UHFFFAOYSA-N

Smiles: OC1=C2C3=CC=CC=C3CCC2=NN1C4=NC=CC=C4

外观: 固体粉末

作用通路: Others

作用靶点: Others

溶解性: DMSO:48 mg/mL (182.3 mM; Need ultrasonic)

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

产品介绍: DMT1 blocker 2, compound 12f, is a direct inhibitor of divalent metal transporter 1 (DMT1) with an IC₅₀ hydrogen peroxide value of 0.83, which is expected to block iron uptake by intestinal epithelial cells in vivo.