
Fanotaprim

产品编号: D54680

CAS: 2120282-75-7

分子式: C₁₉H₂₂N₈O

纯度: 98%

InChi Key: InChIKey=GUZBZPCNAJDYMO-UHFFFAOYSA-N

Smiles: COc(nc1)ncc1-c1cc(N(CC2)CCN2c2c(N)nc(N)nc2)ccc1

外观: 固体粉末

作用通路: Cell Cycle/Checkpoint; DNA Damage/DNA Repair; Metabolism

作用靶点: DHFR

溶解性: DMSO : 25 mg/mL (66.06 mM)

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

产品介绍: Fanotaprim is a dihydrofolate reductase (DHFR) inhibitor. Fanotaprim inhibits the growth of *T. gondii* strains with a TgDHFR IC₅₀ of 1.57 ± 0.11 nM and a hDHFR IC₅₀ of 308 ± 71 nM and a hDHFR to TgDHFR selectivity ratio of 196.