
FG-4592 (Roxadustat)

产品编号: D50921

CAS: 808118-40-3

分子式: C₁₉H₁₆N₂O₅

纯度: ≥98%

InChi: InChi=1S/C₁₉H₁₆N₂O₅/c1-11-15-9-13(26-12-5-3-2-4-6-12)7-8-14(15)18(24)17(21-11)19(25)20-10-16(22)23/h2-9,24H,10H2,1H3,(H,20,25)(H,22,23)

InChi Key: YOZBGTLTNGAVFU-UHFFFAOYSA-N

Smiles: CC1=NC(C(=O)NCC(O)=O)=C(O)C2=CC=C(C=C21)OC1C=CC=CC=1

外观: 固体粉末

作用通路: Ferroptosis

溶解性: DMSO up to 50 mM

保存条件: Store in dry, dark place for one year.

产品介绍: FG-4592 (Roxadustat) is a potent, selective and bioavailable inhibitor of hypoxia-inducible factor prolyl hydroxylase. It is an analog of 2-oxoglutarate (2-OG) to inhibit HIF-PH and prevent HIF turnover. While little has been published regarding the actions of this compound, similar HIF-PH inhibitors suppress HIF degradation and in this way induce erythropoietin expression, promoting erythropoiesis or preventing anemia in vivo. Right now FG-4592 is in phase III clinical trials to treat anemia.