
Molidustat

产品编号: D51299

CAS: 1154028-82-6

分子式: C₁₃H₁₄N₈O₂

纯度: ≥98%

InChi: InChI=1S/C₁₃H₁₄N₈O₂/c22-13-10(20-2-1-16-18-20)8-17-21(13)12-7-11(14-9-15-12)19-3-5-23-6-4-19/h1-2,7-9,17H,3-6H₂

InChi Key: IJMBOKOTALXLKS-UHFFFAOYSA-N

Smiles: O=C1C(=CNN1C1C=C(N=CN=1)N1CCOCC1)N1C=CN=N1

外观: 固体粉末

作用通路: HIF/HIF Prolyl-Hydroxylase

溶解性: Soluble in DMSO, DMF, and 1:1 DMF:PBS

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

产品介绍: Molidustat, also known as BAY 85-3934, is a novel inhibitor of hypoxia-inducible factor (HIF) prolyl hydroxylase (PH) which stimulates erythropoietin (EPO) production and the formation of red blood cells. Phase I data have shown that inhibition of HIF-PH by Molidustat results in an increase in endogenous production of EPO. Molidustat is currently clinical trials at Bayer for the treatment of patients suffering from renal anemia due to chronic kidney disease.