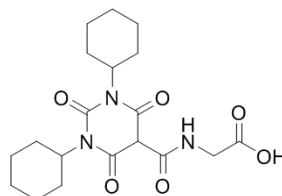


Product Name : Daprodustat
Synonyms : GSK-1278863; GSK 1278863
Cat No. : M16862
CAS Number : 960539-70-2
Molecular Formula : C₁₉H₂₇N₃O₆
Formula Weight : 393.43
Chemical Name : Glycine, N-[(1,3-dicyclohexylhexahydro-2,4,6-trioxo-5-pyrimidinyl)carbonyl]-



Description : A novel, orally active HIF-prolyl hydroxylase (PHD) inhibitor that stimulates endogenous EPO synthesis and induces effective erythropoiesis by non-EPO effects; shows potential for the treatment of anemia associated with chronic kidney disease. Anemia Phase 3 Clinical

Pathway : Angiogenesis
Target : HIF/HIF Prolyl-hydroxylase
Receptor : HIF-PH
Solubility : DMSO: < 6.8 mg/mL
SMILES : O=C(O)CNC(C(C(N1C2CCCCC2)=O)C(N(C3CCCCC3)C1=O)=O)=O
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Brigandi RA, et al. Am J Kidney Dis. 2016 Jun;67(6):861-71. | 2. Hara K, et al. Drug Metab Pharmacokinet. 2015 Dec;30(6):410-8. | 3. Johnson BM, et al. Clin Pharmacol Drug Dev. 2014 Mar;3(2):109-17.