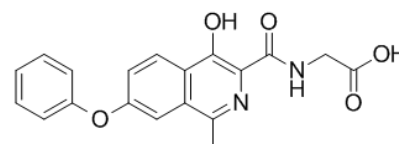


Product Name : Roxadustat
Cat. No. : PC-43531
CAS No. : 808118-40-3
Molecular Formula : C₁₉H₁₆N₂O₅
Molecular Weight : 352.3407
Target : HIF/HIF Prolyl-hydroxylase
Solubility : DMSO: ≥ 46 mg/mL



Biological Activity

Roxadustat (FG4592, FG-4592) is a potent, orally available HIF prolyl hydroxylase (**HIF-PHD**) with IC₅₀ of 591.4 nM. FG-4592 stimulates erythropoiesis, regulates iron metabolism, and reduces hepcidin, demonstrates potential for treatment of anemia.

References

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Wu Y, et al. *J Med Chem*. 2018 Jun 28;61(12):5332-5349.
Provenzano R, et al. *Clin J Am Soc Nephrol*. 2016 Jun 6;11(6):982-91.
Jain IH, et al. *Science*. 2016 Apr 1;352(6281):54-61.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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