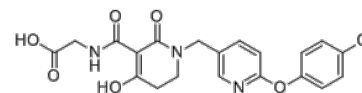


Product Name : TP0463518
Cat. No. : PC-63449
CAS No. : 1558021-37-6
Molecular Formula : C₂₀H₁₈ClN₃O₆
Molecular Weight : 431.829
Target : HIF/HIF Prolyl-hydroxylase
Solubility : 10 mM in DMSO



Biological Activity

TP0463518 is a highly potent **HIF prolyl hydroxylase** (PHD) inhibitor with IC₅₀ of 13 nM and 18 nM for human and rat PHD2, respectively.

TP0463518 demonstrates to promote the production of erythropoietin (EPO) following oral administration in mice and rats. TP0463518 shows potential for treatment of renal anemia.

References

Hamada M, et al. *Bioorg Med Chem Lett*. 2018 Apr 16. pii: S0960-894X(18)30351-2.

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

E-mail: tech@probechem.com