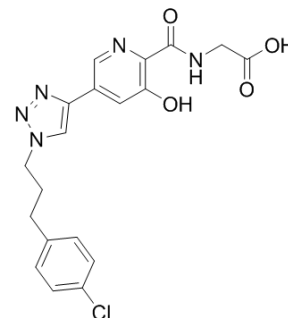


Prolyl Hydroxylase inhibitor 1

Cat. No.:	HY-112441
CAS No.:	2205125-60-4
Molecular Formula:	C ₁₉ H ₁₈ ClN ₅ O ₄
Molecular Weight:	415.83
Target:	HIF/HIF Prolyl-Hydroxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Prolyl Hydroxylase inhibitor 1 (Compound 15i) is an orally active hypoxia inducible factor (HIF)-prolyl hydroxylase (PHD) inhibitor with an IC ₅₀ of 62.23 nM ^[1] . Antianemia agent ^[1] .
IC ₅₀ & Target	IC ₅₀ : 62.23±2.33nM (HIF-PHD) ^[1]

REFERENCES

[1]. Wu Y, et al. Click Chemistry-Based Discovery of [3-Hydroxy-5-(1 H-1,2,3-triazol-4-yl)picolinoyl]glycines as Orally Active Hypoxia-Inducing Factor Prolyl Hydroxylase Inhibitors with Favorable Safety Profiles for the Treatment of Anemia. J Med Chem. 2018 Jun 28;61(12):5332-5349.

Caution: Product has not been fully validated for medical applications. For research use only.

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