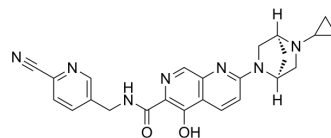


PHD-IN-1

Cat. No.:	HY-156526
CAS No.:	2924182-31-8
Molecular Formula:	C ₂₄ H ₂₃ N ₇ O ₂
Molecular Weight:	441.49
Target:	HIF/HIF Prolyl-Hydroxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PHD-IN-1 (compound 80) is a potent inhibitor of PHD2 with an IC ₅₀ value of ≤5 nM. PHD-IN-1 shows EC ₅₀ s of 2.5 μM in EPO Elisa assay both in Caco2-HIF1α-HiBiT-clone-1 cells and Hep3B cells respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : ≤5 nM (PHD2) ^[1]

REFERENCES

[1]. Ding X, et al. 1,7-Naphthyridine derivatives as PHD inhibitors and their preparation. World Intellectual Property Organization, WO2023072246 A1. 2023-05-04.

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

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