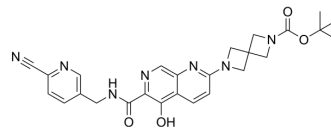


PHD-IN-2

Cat. No.:	HY-156527
CAS No.:	2924182-42-1
Molecular Formula:	C ₂₆ H ₂₇ N ₇ O ₄
Molecular Weight:	501.54
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-2 (Compound 91) is a PHD antagonist (IC₅₀: < 5 nM). PHD-IN-2 induces erythropoietin synthesis in HEP3B cells (EC₅₀: < 2.5 μM). PHD-IN-2 can be used for research of cardiovascular disorders, metabolic disorders, hematological disorders, pulmonary disorders, kidney disorders, liver disorders, wound healing disorders, and cancer^[1].

REFERENCES

[1]. Xiao DING, et al. Prolyl hydroxylase domain-containing protein (phd) inhibitors and uses thereof. Patent. US20230192723A1.

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

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