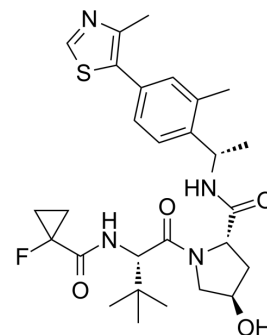


VHL-IN-1

Cat. No.:	HY-156106
CAS No.:	3033117-53-9
Molecular Formula:	C ₂₈ H ₃₇ FN ₄ O ₄ S
Molecular Weight:	544.68
Target:	PROTACs; Ligands for E3 Ligase; HIF/HIF Prolyl-Hydroxylase
Pathway:	PROTAC; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	VHL-IN-1 (compound 30) is a ubiquitin E3 ligase von Hippel-Lindau (VHL) inhibitor (dissociation constant K _d =37 nM) that stabilizes and induces HIF-1 α transcriptional activity. VHL-IN-1 has potential as a HIF-1 α stabilizer and degrader of proteolytically targeted chimeras (PROTACs) ^[1] .
IC ₅₀ & Target	K _d =: 37 nM (von Hippel-Lindau (VHL)); HIF-1 α ^[1]

REFERENCES

[1]. Vu LP, et al. Expanding the Structural Diversity at the Phenylene Core of Ligands for the von Hippel-Lindau E3 Ubiquitin Ligase: Development of Highly Potent Hypoxia-Inducible Factor-1 α Stabilizers. J Med Chem. 2023 Sep 14. .

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA