

Product Datasheet

VH-032

Catalog No. **BP-02362** · CAS **1448188-62-2** · Form **free base** · Physical state **solid** · Color **white to off-white** · Version **1.0** · Revision **2026-09-14**

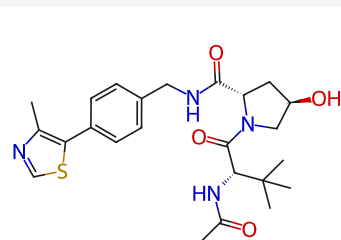
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Target Ligands for E3 Ligase	Research area Cancer
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Molecular formula **C₂₄H₃₂N₄O₄S**

Molecular weight **472.6000**

STRUCTURE



DESCRIPTION

VH032 is a VHL ligand used in the recruitment of the von Hippel-Lindau (VHL) protein. VH032 is a VHL/HIF-1α interaction inhibitor with a KdPROTACs.

BIOLOGICAL ACTIVITY

In Vitro

PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins

SOLUBILITY

Soluble in DMSO

In vitro DMSO □ 100 mg/mL

REFERENCES

- [1]. Michael Zengerle, et al. Selective Small Molecule Induced Degradation of the BET Bromodomain Protein BRD4. ACS Chem Biol. 2015 Aug 21;10(8):1770-7.
- [2]. Carles Galdeano, et al. Structure-guided design and optimization of small molecules targeting the protein-protein interaction between the von Hippel-Lindau (VHL) E3 ubiquitin ligase and the hypoxia inducible factor (HIF) alpha subunit with in vitro nanomolar affinities. J Med Chem. 2014 Oct 23;57(20):8657-63.
- [3]. Kwok-Ho Chan, et al. Impact of Target Warhead and Linkage Vector on Inducing Protein Degradation: Comparison of Bromodomain and Extra-Terminal (BET) Degraders Derived from Triazolodiazepine (JQ1) and Tetrahydroquinoline (I-BET726) BET Inhibitor Scaffolds. J Med Chem. 2018 Jan 25;61(2):504-513.

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Lot CoA and SDS are separate documents.