

Product Datasheet

VH032-NH2

Catalog No. **BP-01893** · CAS **1448297-52-6** · Form **free base** · Physical state **solid** · Color **White to light yellow** · Version **1.0** · Revision **2026-09-04**

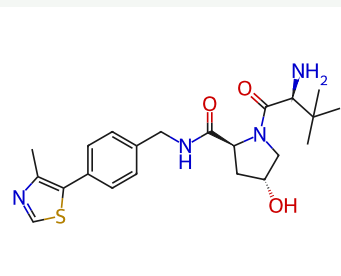
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Target Ligands for E3 Ligase	Research area Cancer
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Molecular formula **C₂₂H₃₀N₄O₃S**

Molecular weight **430.5640**

STRUCTURE



DESCRIPTION

(S,R,S)-AHPC (VH032-NH2) is the VH032-based VHL ligand used in the recruitment of the von Hippel-Lindau (VHL) protein. (S,R,S)-AHPC can be connected to the ligand for protein (e.g., BCR-ABL1) by a linker to form PROTACs (e.g., GMB-475). GMB-475 induces the degradation of BCR-ABL1 with an IC₅₀ of 1.11 μM in Ba/F3 cells.

BIOLOGICAL ACTIVITY

In Vitro

The VHL protein is a substrate recognition subunit of two ubiquitously expressed and biologically important Cullin RING E3 ubiquitin ligase complexes. VHL is one of the most popular E3 ligases being recruited by bifunctional Proteolysis-targeting chimeras (PROTACs) to induce ubiquitination and subsequent proteasomal degradation of a target protein.

SOLUBILITY

Soluble in DMSO

REFERENCES

[1]. Burslem GM, et al. Targeting BCR-ABL1 in Chronic Myeloid Leukemia by PROTAC-mediated Targeted Protein Degradation. Cancer Res. 2019 Jul 16. pii: canres.1236.2019.

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Lot CoA and SDS are separate documents.