

Product Data Sheet

Product Name: VH 101, phenol

Cat. No.: GC50623

Chemical Properties

Cas. No. 2306193-99-5

SMILES CC1=C(SC=N1)C2=CC=C(CNC([C@@H]3C[C@@H](O)CN3C([C@@H](NC(C4(CC4)F)=O)C(C)(C)C)=O)=O)C(O)=C2

Formula C₂₆H₃₃FN₄O₅S M.Wt 532.63

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

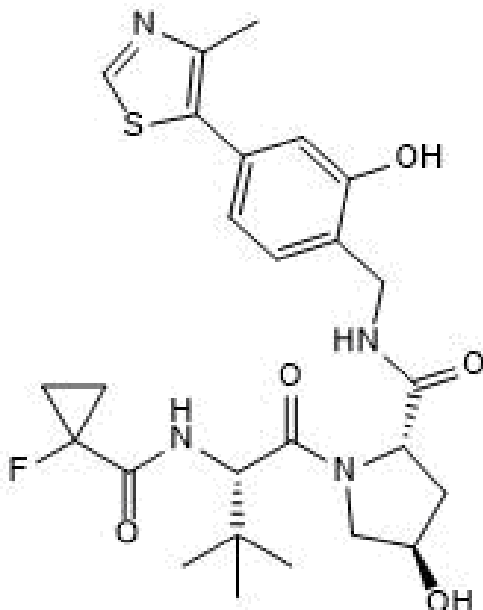
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

Functionalized von-Hippel-Lindau protein ligand (VHL) for PROTAC® research and development; incorporates an E3 ligase ligand with terminal hydroxyl ready for conjugation to a target protein ligand. Part of a range of functionalized tool molecules for PROTAC R&D. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license.

Zoppi et al (2019) Iterative design and optimization of initially inactive Proteolysis Targeting Chimeras (PROTACs) identify VZ185 as a potent, fast, and selective Von Hippel-Lindau (VHL) based dual degrader probe of BRD9 and BRD7. J.Med.Chem. 62 699 PMID:30540463 |Girardini et al (2019) Cereblon versus VHL: hijacking E3 ligases against each other using PROTACs. Bioorg.Med.Chem. 27 2466 PMID:30826187 |Farnaby et al (2019) BAF complex vulnerabilities in cancer demonstrated via structure-based PROTAC design. Nat.Chem.Biol. 15 672 PMID:31178587 |Maniaci et al (2017)

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Homo-PROTACs: bivalent small-molecule dimerizers of the VHL E3 ubiquitin ligase to induce self-degradation. Nat. Commun. 8 830 PMID:29018234

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