

Product Data Sheet

Product Name: VHL-IN-1

Cat. No.: GC73611

Chemical Properties

Cas. No. 3033117-53-9

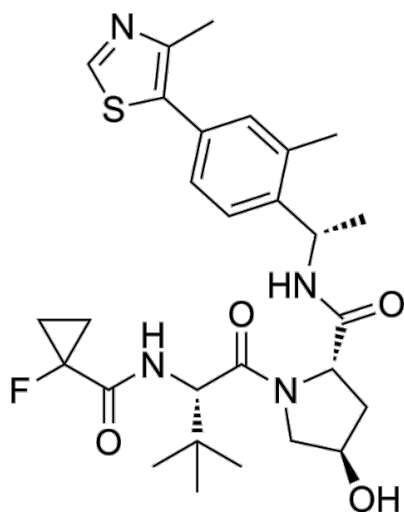
Formula $C_{28}H_{37}FN_4O_4S$ M.Wt 544.68

Solubility DMSO : 100 mg/mL (183.59 mM; Need ultrasonic) Storage -20°C, sealed storage, away from moisture and light

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.

Structure



Background

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).

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 poxia-Inducible Factor-1 α

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

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Stabilizers. J Med Chem. 2023 Sep 14.. .

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