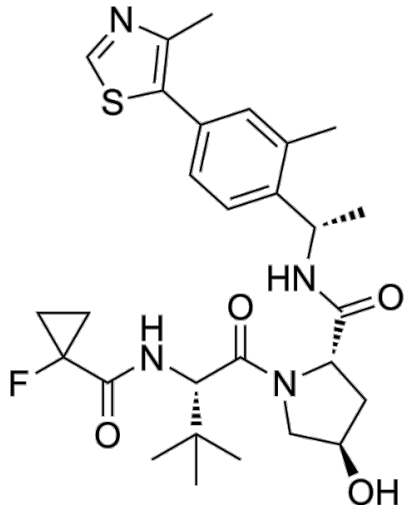
Product Data Sheet

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 Kd=37 nM) that stabilizes and induces HIF-1α transcriptional activity. VHL-IN-1 has potential as a HIF-1α 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-1α

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.. .