

Product Name: VHL-IN-1  
Cat. No.: GC73611

Cas. No. 3033117-53-9

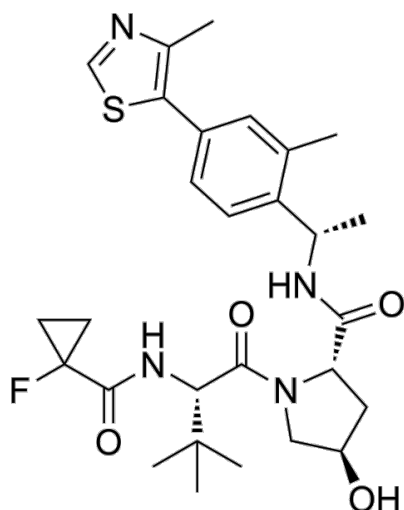
|         |                                                                  |      |        |
|---------|------------------------------------------------------------------|------|--------|
| Formula | C <sub>28</sub> H <sub>37</sub> FN <sub>4</sub> O <sub>4</sub> S | M.Wt | 544.68 |
|---------|------------------------------------------------------------------|------|--------|

|            |                                                  |         |                                                        |
|------------|--------------------------------------------------|---------|--------------------------------------------------------|
| Solubility | DMSO : 100 mg/mL (183.59 mM;<br>Need ultrasonic) | Storage | -20°C, sealed storage, away from<br>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



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 $\alpha$  transcriptional activity. VHL-IN-1 has potential as a HIF-1 $\alpha$  stabilizer and degrader of proteolytically targeted chimeras (PROTACs).

[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 $\alpha$

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

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## Product Data Sheet

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

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