

## Golcadomide

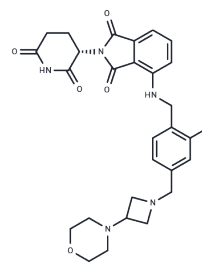
## Chemical Properties

CAS No. : 2379572-34-4

Formula: C<sub>28</sub>H<sub>30</sub>N<sub>5</sub>O<sub>5</sub>

Molecular Weight: 535.57

Storage: Store at low temperature, Keep away from direct sunlight  
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Golcadomide (CC-99282) is a orally active CRBN E3 ligase modulator that induces interactions between CRBN and its neo-substrate, recruiting the target disease-causing proteins and the E3 ubiquitin ligase. Golcadomide is used in the study of hematologic malignancies.
Targets(IC50)	Ligands for E3 Ligase, Molecular Glues

## Solubility Information

Solubility	DMSO: 100 mg/mL (186.72 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8672 mL	9.3358 mL	18.6717 mL
5 mM	0.3734 mL	1.8672 mL	3.7343 mL
10 mM	0.1867 mL	0.9336 mL	1.8672 mL
50 mM	0.0373 mL	0.1867 mL	0.3734 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Fuchs O. Targeting cereblon in hematologic malignancies. Blood Rev. 2023 Jan;57:100994.

Seki H, et al. Reactions of the ferri-ferrocyanide system with superoxide/oxygen and CO<sub>2</sub> studied by fast pulse radiolysis. Biochim Biophys Acta. 1976 Sep 13;440(3):573-86.

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