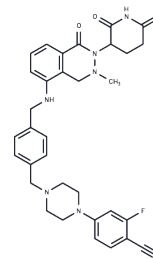


## MGD-28

## Chemical Properties

CAS No. :	2991818-13-2
Formula:	C33H34FN7O3
Molecular Weight:	595.67
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	MGD-28 is a potent, orally active Cullin-CRBN-dependent IKZF family protein degrader that dose-dependently degrades IKZF1 (Ikaros), IKZF2 (Helios), and IKZF3 (Aiolos) at nanomolar strengths. MGD-28 also degrades CK1 $\alpha$ , and has shown antiproliferative activity against a variety of hematologic cancer cell lines showing antiproliferative activity in vitro and antitumor effects in in vivo assays, and is commonly used in multiple myeloma (MM) and hematological disorders.
Targets(IC50)	Casein Kinase, IKZF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6788 mL	8.3939 mL	16.7878 mL
5 mM	0.3358 mL	1.6788 mL	3.3576 mL
10 mM	0.1679 mL	0.8394 mL	1.6788 mL
50 mM	0.0336 mL	0.1679 mL	0.3358 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

Li P, et al. Novel potent molecular glue degraders against broad range of hematological cancer cell lines via multiple neosubstrates degradation[J]. Journal of Hematology & Oncology, 2024, 17(1): 77.

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