

MGD-4

## Chemical Properties

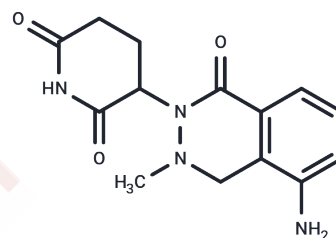
CAS No. : 2991817-99-1

Formula: C<sub>14</sub>H<sub>16</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight: 288.3

Storage: 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	MGD-4 is an orally active, Cereblon (CRBN)-dependent degrader of IKAROS proteins that demonstrates dose-dependent degradation of IKZF1 (DC50=67.2 nM), IKZF2 (DC50=918.2 nM), and IKZF3 (DC50=95.8 nM). The compound effectively inhibits the growth of multiple myeloma.
Targets(IC50)	IKZF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4686 mL	17.343 mL	34.6861 mL
5 mM	0.6937 mL	3.4686 mL	6.9372 mL
10 mM	0.3469 mL	1.7343 mL	3.4686 mL
50 mM	0.0694 mL	0.3469 mL	0.6937 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481