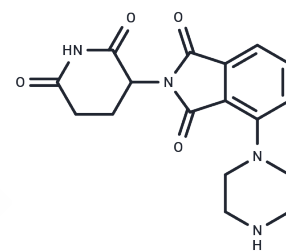


Pomalidomide-piperazine

Chemical Properties

CAS No. :	2154342-57-9
Formula:	C ₁₇ H ₁₈ N ₄ O ₄
Molecular Weight:	342.36
Storage:	Keep away from direct sunlight 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	Pomalidomide-piperazine serves as a key synthetic intermediate for the preparation of a wide range of biologically and chemically active compounds. Pomalidomide-piperazine enables the development of functionalized derivatives and complex molecular scaffolds, therefore contributing to advanced research in biomedical and pharmaceutical sciences, as well as mechanistic studies in organic and medicinal chemistry.
Targets(IC50)	PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9209 mL	14.6045 mL	29.209 mL
5 mM	0.5842 mL	2.9209 mL	5.8418 mL
10 mM	0.2921 mL	1.4605 mL	2.9209 mL
50 mM	0.0584 mL	0.2921 mL	0.5842 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

- Fischer E S, et al. Structure of the DDB1-CRBN E3 ubiquitin ligase in complex with thalidomide[J]. Nature, 2014, 512 (7512): 49-53.
- Winter G E, et al. Phthalimide conjugation as a strategy for in vivo target protein degradation[J]. Science, 2015, 348 (6241): 1376-1381.

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