

5-Hydroxy-2-(1-methyl-2,6-dioxopiperidin-3-yl)isoindole-1,3-dione

Chemical Properties

CAS No. : 2589697-74-3

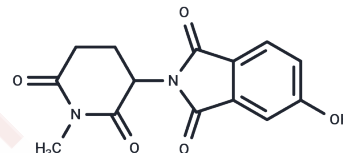
Formula: C₁₄H₁₂N₂O₅

Molecular Weight: 288.255

Keep away from direct sunlight

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	5-Hydroxy-2-(1-methyl-2,6-dioxopiperidin-3-yl)isoindole-1,3-dione is a Thalidomide analog featuring a hydroxyl group, which serves as a versatile site for further derivatization. Thalidomide acts as an E3 ligase activator and facilitates the ubiquitination of specific proteins.
Targets(IC50)	Ligands for E3 Ligase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4691 mL	17.3455 mL	34.6909 mL
5 mM	0.6938 mL	3.4691 mL	6.9382 mL
10 mM	0.3469 mL	1.7345 mL	3.4691 mL
50 mM	0.0694 mL	0.3469 mL	0.6938 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481