

5-(2-Chloroacetamide) thalidomide

Chemical Properties

CAS No. : 1957235-51-6

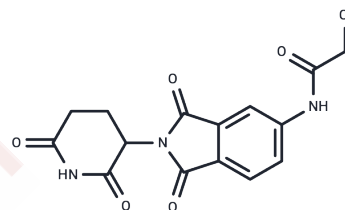
Formula: C₁₅H₁₂ClN₃O₅

Molecular Weight: 349.726

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-(2-Chloroacetamide) thalidomide is an analog of Thalidomide. Thalidomide functions by recruiting E3 ligase for ubiquitination, leading to the degradation of specific proteins. This compound features a chloroacetamide moiety, which acts as a thiol-specific reactive group.
Targets(IC50)	Ligands for E3 Ligase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8593 mL	14.2967 mL	28.5935 mL
5 mM	0.5719 mL	2.8593 mL	5.7187 mL
10 mM	0.2859 mL	1.4297 mL	2.8593 mL
50 mM	0.0572 mL	0.2859 mL	0.5719 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