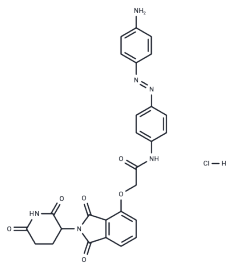
Data Sheet (Cat.No.T203799)

TargetMol

Thalidomide-Photoswitch3-NH2 hydrochloride

Chemical Properties



CAS No. :

Formula: C27H23ClN6O6

Molecular Weight: 562.96

Storage: Keep away from direct sunlight
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	Thalidomide-Photoswitch3-NH2 hydrochloride is essential in creating PHOTACs, which are PROTACs activated by specific light wavelengths. These compounds become inactive in darkness and switch to an active cis isomer state under 390 nm irradiation, while wavelengths above 450 nm reverse this activation. This compound comprises a CRBN-recruiting ligand, an azobenzene photoswitchable crosslinker, and a pendant amine that interacts with an acid on the target warhead, and is used to synthesize PHOTAC-I-10 and PHOTAC-II-6.
Targets(IC50)	Ligands for Target Protein for PROTAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7763 mL	8.8816 mL	17.7633 mL
5 mM	0.3553 mL	1.7763 mL	3.5527 mL
10 mM	0.1776 mL	0.8882 mL	1.7763 mL
50 mM	0.0355 mL	0.1776 mL	0.3553 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.

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