

Tz-Thalidomide

Chemical Properties

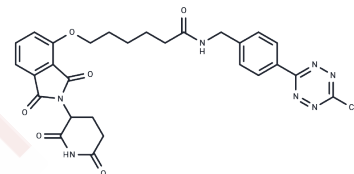
CAS No. : 2087490-42-2

Formula: C₂₉H₂₉N₇O₆

Molecular Weight: 571.58

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	Tz-Thalidomide is a tetrazine-modified Thalidomide (E3 ligase ligand) with some affinity for BRD4.
Targets(IC50)	Epigenetic Reader Domain, Molecular Glues, PROTACs

Solubility Information

Solubility	DMSO: 40 mg/mL (69.98 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7495 mL	8.7477 mL	17.4954 mL
5 mM	0.3499 mL	1.7495 mL	3.4991 mL
10 mM	0.175 mL	0.8748 mL	1.7495 mL
50 mM	0.035 mL	0.175 mL	0.3499 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

Lebraud H, et al. Protein Degradation by In-Cell Self-Assembly of Proteolysis Targeting Chimeras. ACS Cent Sci. 2016 Dec 28;2(12):927-934.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481