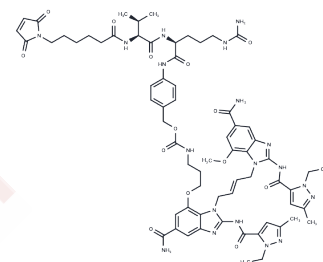


diABZI-V/C-Mal

Chemical Properties

CAS No. :	3035557-55-9
Formula:	C67H83N19O14
Molecular Weight:	1378.49
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	diABZI-V/C-Mal is a modified STING agonist derivative based on the diABZI (di-amidobenzimidazole) scaffold. By directly binding to and activating the STING protein, diABZI-V/C-Mal induces the activation of immune-related signaling pathways such as type I interferon and is commonly used as a ligand for PROTAC target proteins.
Targets(IC50)	Ligands for Target Protein for PROTAC,STING

Solubility Information

Solubility	DMSO: 100 mg/mL (72.54 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	0.7254 mL	3.6272 mL	7.2543 mL
5 mM	0.1451 mL	0.7254 mL	1.4509 mL
10 mM	0.0725 mL	0.3627 mL	0.7254 mL
50 mM	0.0145 mL	0.0725 mL	0.1451 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

Messaoud-Nacer Y, et al. STING agonist diABZI induces PANoptosis and DNA mediated acute respiratory distress syndrome (ARDS). Cell Death Dis. 2022 Mar 25;13(3):269. doi: 10.1038/s41419-022-04664-5. PMID: 35338116; PMCID: PMC8953969.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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