

diABZI-V/C-DBCO

Chemical Properties

CAS No. :

Formula: C78H89N19O13

Molecular Weight: 1500.66

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	Compound 3 (diABZI-V/C-DBCO) functions as an efficient STING agonist. This compound acts by releasing diABZI-amine under the action of cathepsin B to activate STING, thereby inducing the production of interferon and other immune-activating molecules, which enhances the immune system's response to tumors. In THP1-Dual cells, the EC50 values for STING activation by diABZI-V/C-DBCO and diABZI-amine are 1.47 nM and 0.144 nM, respectively, and in primary mouse splenic cells, the EC50 values are 7.7 μ M and 0.17 μ M, respectively. diABZI-V/C-DBCO is useful for research in the field of cancer immunotherapy.
Targets(IC50)	STING

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6664 mL	3.3319 mL	6.6637 mL
5 mM	0.1333 mL	0.6664 mL	1.3327 mL
10 mM	0.0666 mL	0.3332 mL	0.6664 mL
50 mM	0.0133 mL	0.0666 mL	0.1333 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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