

## PROTAC STING Degradar-2

## Chemical Properties

CAS No. : 3023095-61-3

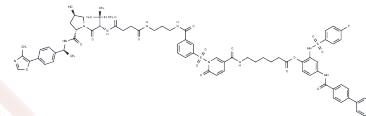
Formula: C74H79FN10O15S3

Molecular Weight: 1463.67

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	PROTAC STING Degradar-2 is a protein degrader targeting the Stimulator of interferon genes (STING) with a DC50 of 0.53 $\mu$ M. It induces STING protein degradation by covalently binding to both the STING protein and an E3 ubiquitin ligase. This compound is useful for studying the role of STING in autoinflammatory and autoimmune diseases.
Targets(IC50)	PROTACs,STING

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6832 mL	3.4161 mL	6.8321 mL
5 mM	0.1366 mL	0.6832 mL	1.3664 mL
10 mM	0.0683 mL	0.3416 mL	0.6832 mL
50 mM	0.0137 mL	0.0683 mL	0.1366 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

Nakamura M, et al. Development of STING degrader with double covalent ligands. Bioorg Med Chem Lett. 2024 Apr 1;102:129677.

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