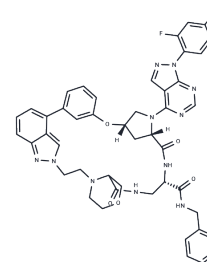


## STING-IN-14

## Chemical Properties

CAS No. :	3070953-78-2
Formula:	C46H43F2N11O5
Molecular Weight:	867.901
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	STING-IN-14 is a STING inhibitor with an IC <sub>50</sub> of 0.6 nM. It effectively suppresses the activation of the IRF pathway in THP1-Dual™ cells. This compound is applicable in research related to autoimmune diseases.
Targets(IC <sub>50</sub> )	STING
In vitro	STING-IN-14 (Example 50) inhibits the activation of the IRF pathway in THP1-Dual™ cells over a period of 20-24 hours, with an IC <sub>50</sub> of 2 nM.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1522 mL	5.761 mL	11.5221 mL
5 mM	0.2304 mL	1.1522 mL	2.3044 mL
10 mM	0.1152 mL	0.5761 mL	1.1522 mL
50 mM	0.023 mL	0.1152 mL	0.2304 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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