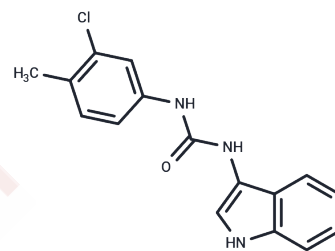


## STING-IN-7

## Chemical Properties

CAS No. :	899947-07-0
Formula:	C <sub>16</sub> H <sub>14</sub> ClN <sub>3</sub> O
Molecular Weight:	299.76
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-7 (compound 21) is a potent inhibitor of the stimulator of interferon genes (STING) pathway, with an inhibitory concentration (IC <sub>50</sub> ) of 11.5 nM, effectively hampering the phosphorylation of both STING and interferon regulatory factor 3 (IRF3) [1].
Targets(IC <sub>50</sub> )	STING

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.336 mL	16.680 mL	33.360 mL
5 mM	0.6672 mL	3.336 mL	6.672 mL
10 mM	0.3336 mL	1.668 mL	3.336 mL
50 mM	0.0667 mL	0.3336 mL	0.6672 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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