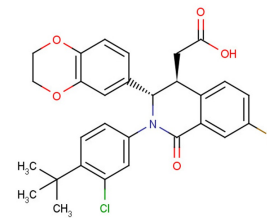


## STING ligand-1

## Chemical Properties

CAS No.:	2365039-41-2
Formula:	C <sub>29</sub> H <sub>27</sub> ClFNO <sub>5</sub>
Molecular Weight:	523.98
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	STING ligand-1 is a lead STING ligand(IC <sub>50</sub> of 68 nM for HAQ STING).
Targets(IC <sub>50</sub> )	HAQ STING: 68 nM
In vitro	Functional inhibition of STING mediated cytokine release exhibited by STING ligand-1.

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.908 mL	9.542 mL	19.085 mL
5 mM	0.382 mL	1.908 mL	3.817 mL
10 mM	0.191 mL	0.954 mL	1.908 mL
50 mM	0.038 mL	0.191 mL	0.382 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Siu T, et al. Discovery of a Novel cGAMP Competitive Ligand of the Inactive Form of STING. ACS Med Chem Lett. 2018 Dec 6;10(1):92-97.

Inhibitors · Natural Compounds · Compound Libraries

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