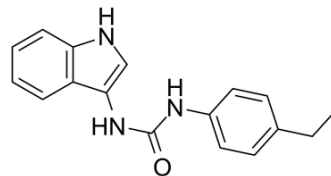


H-151

Cat. No.:	HY-112693		
CAS No.:	941987-60-6		
Molecular Formula:	C ₁₇ H ₁₇ N ₃ O		
Molecular Weight:	279.34		
Target:	STING		
Pathway:	Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



Solvent & Solubility

In Vitro

DMSO : 125 mg/mL (447.48 mM; Need ultrasonic)
 H₂O : < 0.1 mg/mL (insoluble)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.5799 mL	17.8993 mL	35.7987 mL
	5 mM	0.7160 mL	3.5799 mL	7.1597 mL
	10 mM	0.3580 mL	1.7899 mL	3.5799 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: **10% DMSO >> 90% corn oil**
 Solubility: ≥ 2.08 mg/mL (7.45 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 90% (20% SBE-β-CD in saline)**
 Solubility: 2.08 mg/mL (7.45 mM); Suspended solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description	H-151 is a highly potent, selective and covalent antagonist of STING , reduces TBK1 phosphorylation and suppresses human STING palmitoylation ^[1] .
IC ₅₀ & Target	STING ^[1]

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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