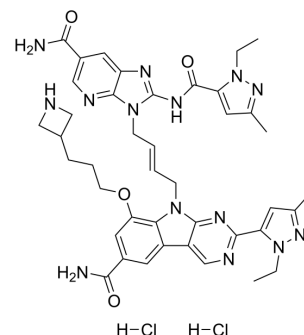


## STING agonist-8 dihydrochloride

<b>Cat. No.:</b>	HY-144168A
<b>Molecular Formula:</b>	C <sub>41</sub> H <sub>48</sub> Cl <sub>2</sub> N <sub>14</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	871.82
<b>Target:</b>	STING
<b>Pathway:</b>	Immunology/Inflammation
<b>Storage:</b>	-20°C, sealed storage, away from moisture
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 5 mg/mL (5.74 mM); ultrasonic and warming and heat to 60°C)				
		<b>Solvent</b>	<b>Mass</b>		
	<b>Preparing Stock Solutions</b>	<b>Concentration</b>	<b>1 mg</b>	<b>5 mg</b>	<b>10 mg</b>
		<b>1 mM</b>	1.1470 mL	5.7351 mL	11.4703 mL
<b>5 mM</b>		0.2294 mL	1.1470 mL	2.2941 mL	
	<b>10 mM</b>	---	---	---	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1 mg/mL (1.15 mM); Clear solution				

### BIOLOGICAL ACTIVITY

<b>Description</b>	STING agonist-8 dihydrochloride (compound 5-AB) is a potent STING agonist with an EC <sub>50</sub> of 27 nM in THP1-Dual KI-hSTING-R232 cells <sup>[1]</sup> .
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### REFERENCES

[1]. Heterocyclic compounds as sting modulators. WO2021239068A1.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA