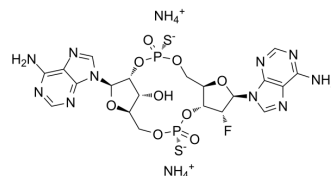


IACS-8803 diammonium

Cat. No.:	HY-130115B
Molecular Formula:	C ₂₀ H ₂₉ FN ₁₂ O ₉ P ₂ S ₂
Molecular Weight:	726.6
Target:	STING
Pathway:	Immunology/Inflammation
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 15 mg/mL (20.64 mM; Need ultrasonic and warming)				
Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		1.3763 mL	6.8814 mL	13.7627 mL
	5 mM		0.2753 mL	1.3763 mL	2.7525 mL
	10 mM		0.1376 mL	0.6881 mL	1.3763 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: DMSO MaximumSolubilityTest Solubility: 15 mg/mL (20.64 mM); Clear solution; Need ultrasonic and warming				

BIOLOGICAL ACTIVITY

Description	IACS-8803 diammonium is a highly potent cyclic dinucleotide STING agonist. IACS-8803 diammonium has a robust systemic antitumor efficacy ^[1] .
In Vivo	IACS-8803 diammonium (10 µg; intra-tumoral injection) shows superior antitumor activity in mice bearing bilateral B16-OVA melanomas ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ager CR, et al. Discovery of IACS-8803 and IACS-8779, potent agonists of stimulator of interferon genes (STING) with robust systemic antitumor efficacy. *Bioorg Med Chem Lett.* 2019 Oct 15;29(20):126640.

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

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