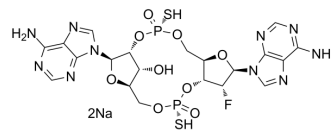


IACS-8803 disodium

Cat. No.:	HY-130115A
CAS No.:	2243079-36-7
Molecular Formula:	C ₂₀ H ₂₃ FN ₁₀ Na ₂ O ₉ P ₂ S ₂
Molecular Weight:	738.51
Target:	STING
Pathway:	Immunology/Inflammation
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 56.67 mg/mL (76.74 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	1.3541 mL	6.7704 mL	13.5408 mL
			5 mM	0.2708 mL	1.3541 mL	2.7082 mL
10 mM	0.1354 mL	0.6770 mL	1.3541 mL			
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (67.70 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	IACS-8803 disodium is a highly potent cyclic dinucleotide STING agonist. IACS-8803 disodium has a robust systemic antitumor efficacy ^[1] .
In Vivo	IACS-8803 (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