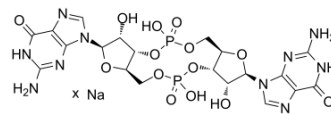


Cyclic-di-GMP sodium

Cat. No.:	HY-107780A
Molecular Formula:	C ₂₀ H ₂₄ N ₁₀ O ₁₄ P ₂ ·xNa
Target:	STING; Endogenous Metabolite
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyclic di-GMP sodium (c-di-GMP sodium) is a STING activator and a global bacterial second messenger, which regulates biofilm formation, motility, and virulence in diverse bacterial species^{[1][2]}.

REFERENCES

[1]. Wang Z, et al. STING activator c-di-GMP enhances the anti-tumor effects of peptide vaccines in melanoma-bearing mice. *Cancer Immunol Immunother.* 2015;64(8):1057-1066.

[2]. Burdette DL, Monroe KM, Sotelo-Troha K, et al. STING is a direct innate immune sensor of cyclic di-GMP. *Nature.* 2011;478(7370):515-518. Published 2011 Sep 25.

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

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