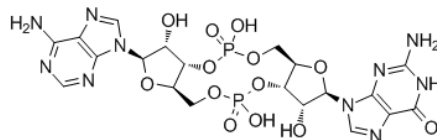


Product Name : cGAMP
Cat. No. : PC-62663
CAS No. : 849214-04-6
Molecular Formula : C₂₀H₂₄N₁₀O₁₃P₂
Molecular Weight : 674.41
Target : STING
Solubility : 10 mM in DMSO



Biological Activity

cGAMP (3',3'-Cyclic GMP-AMP, c-GpAp) is a potent STING activator that binds to h**STING** R232 and hSTING A230/R232 with K_d of 0.11 μM and 0.16 μM, respectively. cGAMP activates Type I IFN pathway through the STING/IRF3 pathway.

References

Gao P, et al. *Cell*. 2013 Aug 15;154(4):748-62.

Zhang X, et al. *Mol Cell*. 2013 Jul 25;51(2):226-35.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com