pppApG

Potential endogenous metabolite of the metazoan second messenger 2',3'-cGAMP and/or of the bacterial signalling nucleotide 3',3'-cGAMP

In pppApG a 5'-ATP unit is connected with a 5'-GMP unit via a 3' → 5' linkage to form a linear dinucleotide. pppApG is a potential endogenous metabolite of the metazoan second messenger 2',3'-cGAMP (c[G(2',5')pA(3',5')p], Prod. No. BLG-C161) and/or of the bacterial signalling nucleotide 3',3'-cGAMP (c-(ApGp), Prod. No. BLG-C117). pppApG was reported to be the linear dinucleotide intermediate in the enzymatic production of 3',3'-cGAMP by the Vibrio cholerae pathogenicity factor DncV.

BLG-T050-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

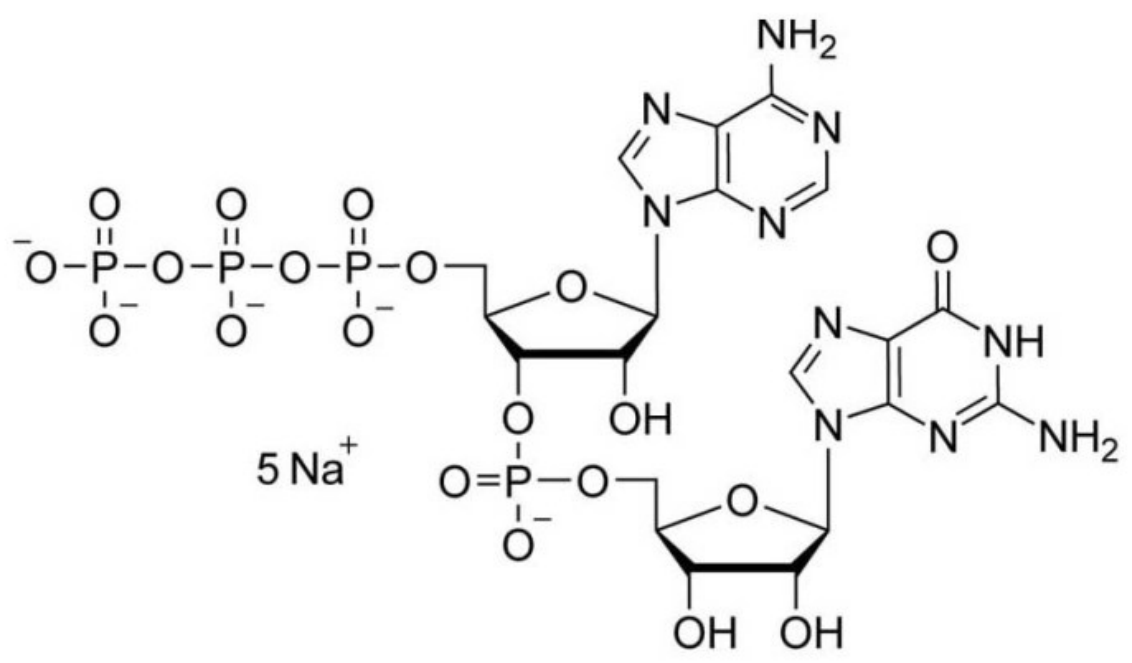
Ordering Information

Order Online »

BLG-T050-01	1µmol
BLG-T050-05	5x1µmol

Manuals, SDS & CofA

View Online »


5 Na+

Handling & Storage

Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	5′-Triphosphoadenylyl-(3’→5′)-guanosine . sodium salt
Appearance	10 mM aqueous solution
CAS	68892-47-7
Couple Type	Modified nucleotides
Excitation Maximum	256 nm
Formula	$C_{20}H_{28}N_{10}O_{20}P_4$ (free acid)
MW	852.39 (free acid)
Purity	> 95% HPLC
Technical Info / Product Notes	For the Original Manufacturer’s data sheet please click here.

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