c[A(3′,5′)pA(3′,5′)pG(3′,5′)p] / cAAG

Bacterial cyclic trinucleotide

c[A(3',5')pA(3',5')pG(3',5')p] is a cyclic trinucleotide that was found to be biosynthesized by CD-NTase038 from the Enterobacter cloacae complex (strain UCI 50) (WP_032676400, also named EcCdnD02). While c[A(3',5')pA(3',5')pG(3',5')p] is not recognized by STING, it binds to the mammalian cyclic dinucleotide sensor RECON (REductase COntrolling NF-κB) (all data according to Whiteley et al., Nature, 567, 194 - 199 (2019)).

BLG-C361-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

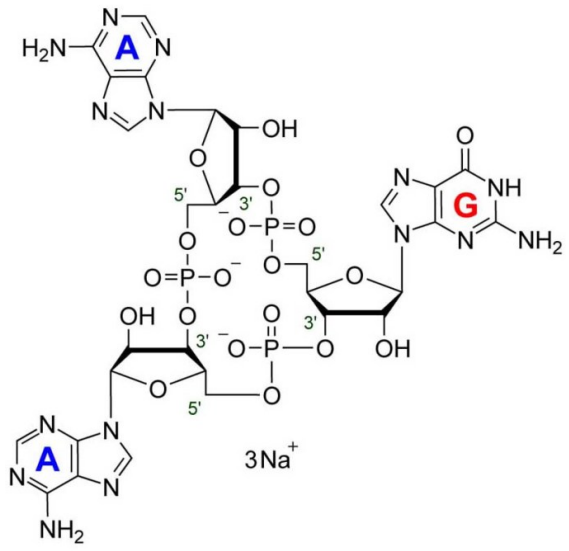
Ordering Information

Order Online »

BLG-C361-01	1µmol
BLG-C361-05	5x1µmol

Manuals, SDS & CofA

View Online »


A
G
A
3Na+

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Cyclic (adenosine-(3'→5′)-monophosphate-adenosine-(3'→5′)-monophosphate-guanosine-(3'→5′)-monophosphate) . sodium salt, Cyclic AMP-AMP-GMP, 3'3'3′-cAAG
CAS	2365165-54-2
Couple Type	Modified nucleotides
Formula	$C_{30}H_{36}N_{15}O_{19}P_3$ (free acid)
MW	1003.6 (free acid)
Purity	> 95% HPLC
Quantity	0.5µmol is equivalent to ~0.5 mg
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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