c[A(2′,5′)pS-G(3′,5′)pS], isomer 1

BLG-C246-005 (5 x 0.1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

Ordering Information

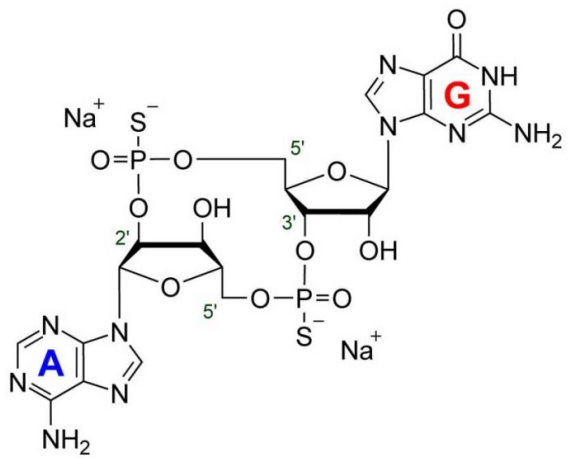
Order Online »

BLG-C246-005	5x0.1µmol

Manuals, SDS & CofA

View Online »

c[A(2',5')pS-G(3',5')pS], isomer 1 (syn. 3'2'-cGAMPSS, isomer 1) is an isomeric di-thiophosphate derivative of the recently discovered nucleotide second messenger c[A(2',5')pG(3',5')p] (3'2'-cGAMP, Cat. No. C 238). The di-thiophosphate modifications are expected to render the compound resistant to degradation by 3'2'-cGAMP hydrolysing enzymes. c[A(2',5')pS-G(3',5')pS], isomer 2 is available as well (syn. 3'2'-cGAMPSS, isomer 2, Cat. No. C 247).


Na+
S−
O=P−O
O
OH
2'
O
5'
O
3'
O
OH
O−P=O
S−
Na+
N
N
A
N
N
NH2
O
N
NH
G
N
N
NH2

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	3’2′-cGAMPSS, isomer 1, 3′,5′-2′,5′-cGAMPSS, Cyclic (adenosine-(2’→5′)-monophosphorothioate-guanosine- (3’→5′-monophosphorothioate), isomer 1 . sodium salt
Excitation Maximum	256 nm
Formula	$C_{20}H_{24}N_{10}O_{11}P_2S_2$ (free acid)
MW	706.6 (free acid)
Purity	> 95% HPLC
Quantity	0.1 µmol / ~ 71 µg
Technical Info / Product Notes	For the Original Manufacturer’s data sheet please click here.

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