2′-Fluo-AHC-c-diGMP

Fluorescent analogue of c-diGMP

In 2'-Fluo-AHC-c-diGMP, two 5'-GMP units are connected to form a cyclic structure. In addition, 5-carboxyfluorescein has been attached to the 2'-hydroxy group of one ribose via an aminohexylcarbamoyl spacer. 2'-Fluo-AHC-c-diGMP is a fluorescent analogue of the bacterial second messenger c-diGMP (Prod No. BLG-C057) with λ_{exc} 494 nm and λ_{em} 517 nm.

BLG-F009-005 (5 x 0.1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

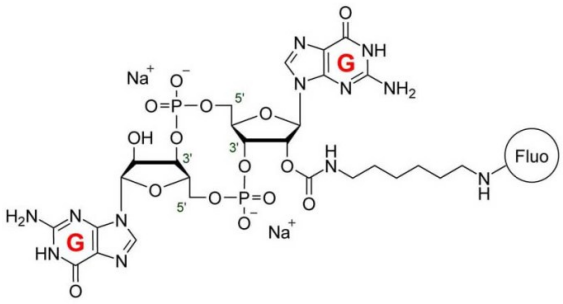
Ordering Information

Order Online »

BLG-F009-001	0.1µmol
BLG-F009-005	5x0.1µmol

Manuals, SDS & CofA

View Online »


Na+
O−
O=P−O
5'
O
OH
3'
O
O
5'
O−P=O
O−
Na+
3'
O
O
H
N
O
N
H
Fluo
H2N
N
HN
G
N
O
O
N
NH
G
N
N
NH2

Handling & Storage

Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2′-O-(6-[Fluoresceinyl]aminohexylcarbamoyl)-cyclic diguanosine monophosphate . sodium salt
CAS	1422761-55-4
Couple Type	Modified nucleotides
Formula	$C_{48}H_{48}N_{12}O_{21}P_2$ (free acid)
MW	1190.9 (free acid)
Purity	> 95% HPLC
Quantity	0.1 µmol = ~0.1 mg
Solubility	Soluble in water (>1.3mM).
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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