2′-O-MB-cGMP

Metabolically activatable PKG agonist

2'-O-MB-cGMP is a lipophilic precursor of cGMP. During metabolic activation by esterases cGMP and butyrate are released. Significantly more lipophilic and membrane permeant compared to cGMP.
Caution: This analogue releases butyrate due to intracellular and extracellular esterase action. Butyrate was shown to have distinct biological effects.

BLG-M006-50 (5 x 10 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

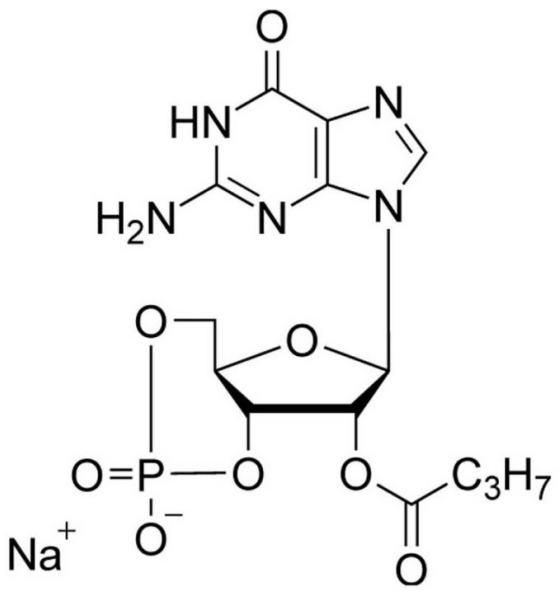
Ordering Information

Order Online »

BLG-M006-50	5x10µmol

Manuals, SDS & CofA

View Online »


O
HN
N
H2N
N
N
O
O
O=P—O
O
C3H7
O−
Na+
O

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2′-O-Monobutyrylguanosine-3′,5′-cyclic monophosphate . sodium salt
CAS	58329-72-9
Couple Type	Modified nucleotides
Formula	$C_{14}H_{17}N_5O_8P$. Na
MW	437.3
Purity	> 97% HPLC
Quantity	10µmol=~4.4mg
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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