Rp-cGMPS

PDE-resistant PKG inhibitor

Competitive inhibitor of protein kinase G type I alpha (cyclic GMP antagonist). Resistant against mammalian cyclic nucleotide- dependent phosphodiesterases, no metabolic side effects. Both membrane permeability and kinase specificity of this analog are low. Rp-8-pCPT-cGMPS (Prod. No. BLG-C013) and Rp-8-Br-PET-cGMPS (Prod. No. BLG-P007) are much more permeant and selective antagonists!

BLG-G016-25 (5 x 5 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

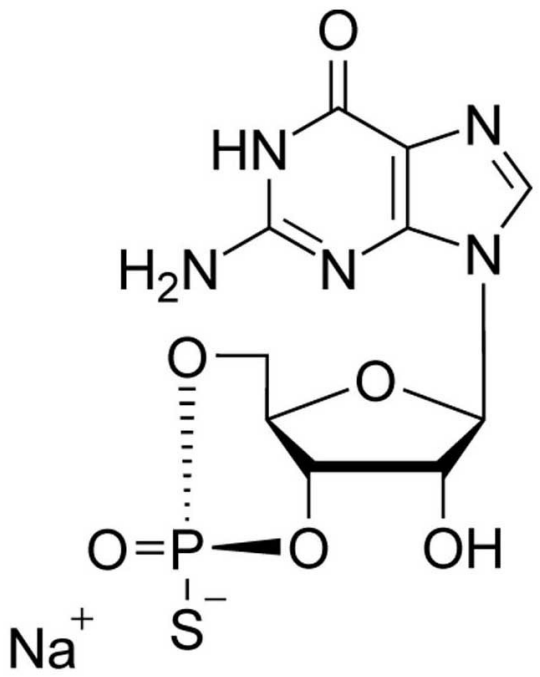
Ordering Information

Order Online »

BLG-G016-05	5µmol
BLG-G016-25	5x5µmol

Manuals, SDS & CofA

View Online »


O
HN
N
H2N
N
N
O
O
O=P
O
OH
S−
Na+

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Guanosine 3′,5′-cyclic monophosphorothioate . sodium salt, Rp-isomer
Appearance	Lyophilized or crystallized sodium salt.
CAS	86562-09-6
Couple Type	Modified nucleotides
Formula	$C_{10}H_{11}N_5O_6PS$. Na
MW	383.3
Purity	> 99% HPLC
Quantity	5µmol=~1.9mg
Reconstitution	Rinse tube walls carefully and preferably use ultrasonic or vortex to achieve total and uniform mixing.
Solubility	Soluble in water or buffer.
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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