Rp-8-pCPT-cGMPS

Membrane-permeant and PDE-resistant PKG inhibitor

Potent selective inhibitor of protein kinase G I alpha, I ß and especially of type II. Activates retinal cGMP channels and thus discriminates between kinase and channel effects. Absolutely resistant against mammalian cyclic nucleotide-dependent phosphodiesterases, no metabolic side effects. Significantly more lipophilic and membrane permeant compared to Rp-cGMPS (Prod. No. BLG-G016)or Rp-8-Br-cGMPS (Prod. No. BLG-B005).

BLG-C013-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

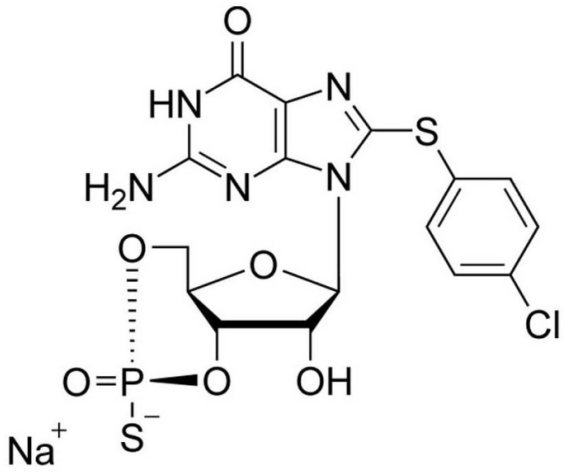
Ordering Information

Order Online »

BLG-C013-01	1µmol
BLG-C013-05	5x1µmol

Manuals, SDS & CofA

View Online »


O
HN
N
S
H2N
N
N
O
O
Cl
O=P
O
OH
S−
Na+

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8-(4-Chlorophenylthio)guanosine 3′,5′-cyclic monophosphorothioate . sodium salt, Rp-isomer
Appearance	Lyophilized or crystallized sodium salt.
CAS	153660-04-9
Couple Type	Inhibitor, Modified nucleotides
Formula	$C_{16}H_{14}ClN_5O_6PS_2$. Na
MW	525.9
Purity	> 99% HPLC
Quantity	1µmol=~0.5mg
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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