8-Br-PET-cGMP

Site-selective analogue of cyclic GMP

Potent membrane permeant activator of cGMP-dependent protein kinase type I α and I β. In contrast to common stimulators such as 8-Br-cGMP or 8-pCPT-cGMP which mainly activate kinase subtype I α, 8-Br-PET-cGMP is one of the best activators of isozyme I β and one of the best cyclic nucleotide muscle relaxants. BIOLOG also offers the corresponding PDE-stable structure Rp-8-Br-PET-cGMPS (Prod. No. BLG-P007) and Sp-8-Br-PET-cGMPS (Prod. No. BLG-P008).

BLG-P003-50 (5 x 10 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

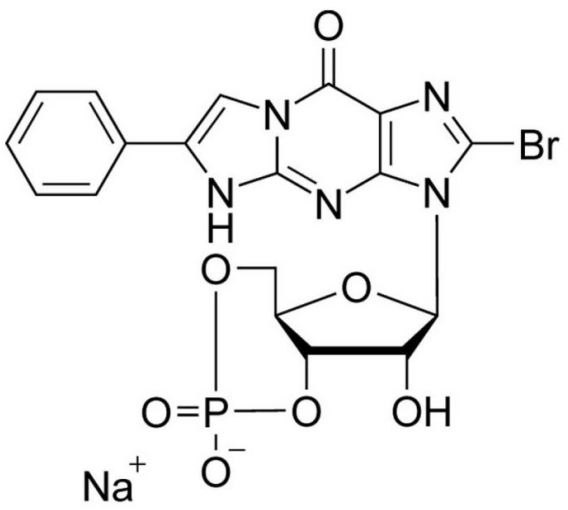
Ordering Information

Order Online »

BLG-P003-10	10µmol
BLG-P003-50	5x10µmol

Manuals, SDS & CofA

View Online »


O
N
N
Br
N
H
N
N
O
O
O=P—O
OH
O⁻
Na⁺

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	β-Phenyl-1,N2-etheno-8-bromoguanosine-3′,5′-cyclic monophosphate . sodium salt
CAS	144510-04-3
Couple Type	Modified nucleotides
Formula	$C_{18}H_{14}BrN_5O_7P$. Na
MW	546.2
Purity	> 98% HPLC
Quantity	10µmol=~5.5mg
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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