Rp-8-Br-cGMPS

PKG inhibitor

Cell-permeable, phosphodiesterase-resistant cGMP antagonist. Reversed NO stimulation of random migration in rabbit neutrophils. Used at 30µM to cometively inhibit 8-Br-cGMP relaxation of rabbit aortas. The product is not sterile. Resistant to nucleotide-dependent phosphodiesterases; no metabolic side effects. Significantly more lipophilic and membrane permeant as compared to cyclic GMP or Rp-cGMPS.

Citations: 5 View Online »

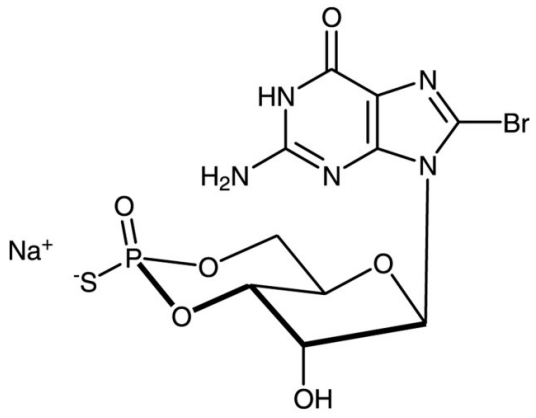
Ordering Information

Order Online »

BML-CN216-0500	500µg

Manuals, SDS & CofA

View Online »


O
HN
N
Br
H2N
N
N
O
Na+
P
S-
O
O
O
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White lyophilized powder.
CAS	150418-07-8
Couple Target	PKG
Couple Type	Inhibitor
Formula	$C_{10}H_{10}BrN_5O_6PS$. Na
MW	462.2
Purity	≥98% (HPLC)
Solubility	Soluble in water (25mg/ml).

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