8-Bromo-cGMP

PKG activator

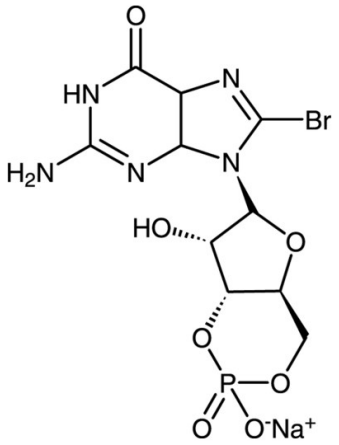
A cell-permeable cGMP analog which is more resistant to phosphodiesterases than cGMP and which preferentially activates cGMP-dependent protein kinase. It inhibits thrombin stimulated arachidonic acid release in human platelets.

Citations: 11 View Online »

Ordering Information Order Online »

BML-CN205-0010	10mg
BML-CN205-0050	50mg

Manuals, SDS & CofA View Online »


O
HN
N
Br
H2N
N
N
HO
O
O
P
O
O
O-Na+

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 to off-white powder
CAS	51116-01-9
Couple Target	PKG
Couple Type	Activator
Formula	$C_{10}H_{10}BrN_5O_7PNa$
Identity	Determined by ESI-MS and UV/VIS.
MW	446.1
Purity	≥96% (HPLC)
Solubility	Soluble in water (25mg/ml) or aqueous buffers. Sparingly soluble in methanol (4mM). Insoluble in DMSO, dimethyl formamide and 96% ethanol.

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