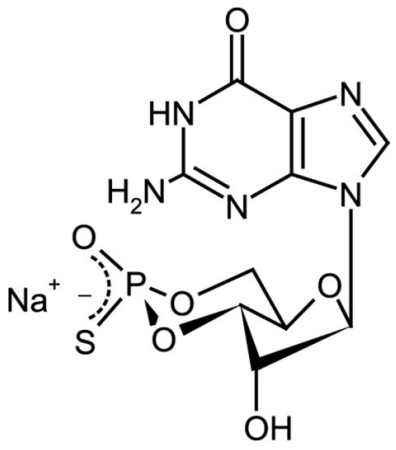
Guanosine 3′,5′-cyclic Monophosphothioate, Rp-Isomer . sodium salt

PKG Inhibitor

Inhibitor of cGMP-dependent protein kinase (PKG) 1α (cGMP antagonist). Resistant against mammalian cyclic nucleotid-dependent phosphodiesterases. No metabolic side effects. Low membrane permeability.

Citations: 3 View Online »

Manuals, SDS & CofA View Online »


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

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Rp-cGMPS . Na, cGMPS . Na, Rp-Isomer
Appearance	White to off-white solid.
CAS	86562-09-6
Couple Target	PKG
Couple Type	Inhibitor
Formula	$C_{10}H_{11}N_5O_6SP$. Na
MW	360.3 . 23.0
Purity	≥98% (HPLC)
Solubility	Soluble in water (125mM), DMSO (2mM), DMF (1mM), methanol (7mM) or PBS, pH 7.4 (125mM).

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