8-(4-Chlorophenylthio)guanosine 3′,5′-cyclic Monophosphate . sodium salt

Selective activator of cAMP-dependent protein kinase (PKG) Iα, Iβ, and type II as well as of cGMP-gated ion channels. Higher activation potential as compared to cGMP; excellent cell membrane permeability and phosphodiesterase stability. Preferred alternative to unsuitable analogs such as dibutyryl-cGMP.

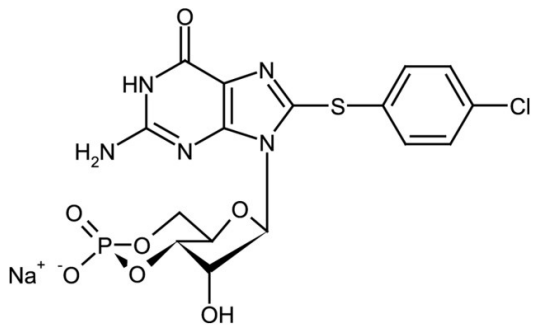
Activator of PKG and CNG channels

Citations: 2 View Online »

Ordering Information Order Online »

ALX-480-088-M005	5mg

Manuals, SDS & CofA View Online »


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

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8-pCPT-cGMP . Na
Appearance	White to off-white powder.
CAS	51239-26-0
Couple Target	CNG channel, PKG
Couple Type	Activator
Formula	$C_{16}H_{14}ClN_5O_7PS$. Na
Identity	Determined by ESI-MS and UV/VIS.
MW	486.8 . 23.0
Purity	≥99% (HPLC)
Solubility	Soluble in water.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.