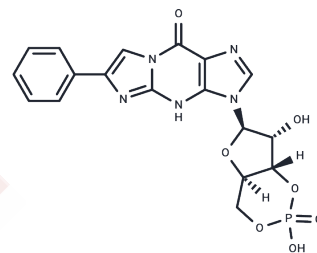


## PET-cGMP

## Chemical Properties

CAS No. :	78080-27-0
Formula:	C <sub>18</sub> H <sub>16</sub> N <sub>5</sub> O <sub>7</sub> P
Molecular Weight:	445.323
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	PET-cGMP is an analogue of cyclic guanosine monophosphate and functions as a potent, selective agonist for PKGI. It exhibits an EC <sub>50</sub> of 3.8 nM for PKGIβ and 193 nM for PKGI.
Targets(IC <sub>50</sub> )	PKA

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2456 mL	11.2279 mL	22.4558 mL
5 mM	0.4491 mL	2.2456 mL	4.4912 mL
10 mM	0.2246 mL	1.1228 mL	2.2456 mL
50 mM	0.0449 mL	0.2246 mL	0.4491 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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