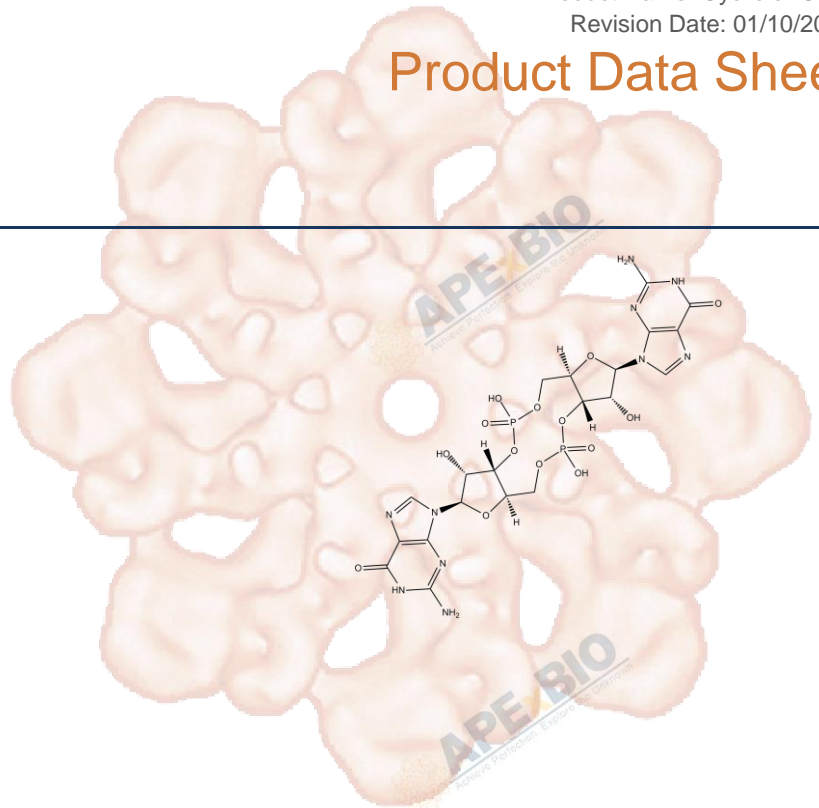


# Product Data Sheet

## Cyclic di-GMP

<b>Cat. No.:</b>	B7839
<b>CAS No.:</b>	61093-23-0
<b>Formula:</b>	C <sub>20</sub> H <sub>24</sub> N <sub>10</sub> O <sub>14</sub> P <sub>2</sub>
<b>M.Wt:</b>	690.41
<b>Synonyms:</b>	
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in DMSO; insoluble in EtOH;  $\geq 20.85$  mg/mL in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	1.4484 mL	7.2421 mL	14.4841 mL
	<b>5 mM</b>	0.2897 mL	1.4484 mL	2.8968 mL
	<b>10 mM</b>	0.1448 mL	0.7242 mL	1.4484 mL

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary

second messenger

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

**APEX BIO Technology**

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