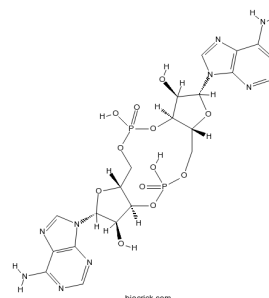


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	c-di-AMP
<b>Catalog Number:</b>	BCC8054
<b>Cas No.:</b>	54447-84-6
<b>Formula:</b>	C <sub>20</sub> H <sub>24</sub> N <sub>10</sub> O <sub>12</sub> P <sub>2</sub>
<b>M.Wt:</b>	658.41
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	Cyclic diadenylate; Cyclic-di-AMP
<b>Chemical Name:</b>	(1S,6R,8R,9R,10S,15R,17R,18R)-8,17-bis(6-aminopurin-9-yl)-3,12-dihydroxy-3,12-dioxo-2,4,7,11,13,16-hexaoxa-3λ5,12λ5-diphosphatricyclo[13.3.0.0 <sub>6,10</sub> ]octadecane-9,18-diol
<b>SMILES:</b>	<chem>C1C2C(C(C(O2)N3C=NC4=C3N=CN=C4N)O)OP(=O)(OCC5C(C(C(O5)N6C=NC7=C6N=CN=C7N)O)OP(=O)(O1)O)O</chem>
<b>Solubility:</b>	H <sub>2</sub> O : 5.5 mg/mL (8.35 mM; Need ultrasonic)



## STORAGE AND SHIPPING

<b>Storage:</b>	Store the product in sealed, cool and dry condition.
<b>General tips:</b>	For obtaining a higher solubility, please warm the tube at 37° and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20° for several months.
<b>Shipping Condition:</b>	Ship with RT , or blue ice upon request

## INTENDED USE

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

## 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 BioCrick 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.*

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