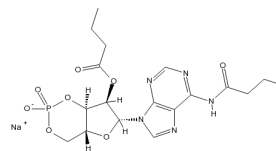


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Dibutyl-yl-cAMP, sodium salt
<b>Catalog Number:</b>	BCC8079
<b>Cas No.:</b>	16980-89-5
<b>Formula:</b>	C <sub>18</sub> H <sub>23</sub> N <sub>5</sub> NaO <sub>8</sub> P
<b>M.Wt:</b>	491.37
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	Dibutyl-yl-cAMP sodium salt; DC2797; Sodium dibutyl-yl cAMP
<b>Chemical Name:</b>	sodium;[(4aR,6R,7R,7aR)-6-[6-(butanoylamino)purin-9-yl]-2-oxido-2-oxo-4a,6,7,7a-tetrahydro-4H-furo[3,2-d][1,3,2]dioxaphosphinin-7-yl] butanoate
<b>SMILES:</b>	<chem>CCCC(=O)NC1=NC=NC2=C1N=CN2C3C(C4C(O3)COP(=O)(O4)[O-])OC(=O)CCC.[Na+]</chem>
<b>Solubility:</b>	H <sub>2</sub> O : ≥ 42 mg/mL (85.48 mM) DMSO : 35.71 mg/mL (72.67 mM; Need ultrasonic) *"≥" means soluble, but saturation unknown.



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## 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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