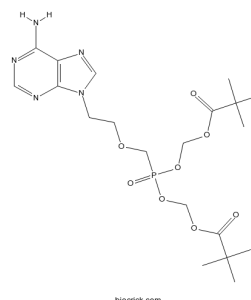


## PHYSICAL AND CHEMICAL PROPERTIES

|                              |   |
|------------------------------|---|
| <b>Product Name:</b>         | Adefovir Dipivoxil  |
| <b>Catalog Number:</b>       | BCC5025   |
| <b>Cas No.:</b>              | 142340-99-6   |
| <b>Formula:</b>              | C <sub>20</sub> H <sub>32</sub> N <sub>5</sub> O <sub>8</sub> P   |
| <b>M.Wt:</b>                 | 501.47  |
| <b>Purity:</b>               | >98%  |
| <b>Physical Description:</b> | N/A   |
| <b>Synonyms:</b>             | GS 0840   |
| <b>Chemical Name:</b>        | [2-(6-aminopurin-9-yl)ethoxymethyl-(2,2-dimethylpropanoyloxymethoxy)phosphoryl]oxymethyl 2,2-dimethylpropanoate                           |
| <b>SMILES:</b>               | <chem>CC(C)(C)C(=O)OCOP(=O)(COCCN1C=NC2=C1N=CN=C2N)OCOC(=O)C(C)(C)C</chem>  |
| <b>Solubility:</b>           | DMSO : ≥ 100 mg/mL (199.41 mM)<br>H <sub>2</sub> O : 0.67 mg/mL (1.34 mM; Need ultrasonic)<br>*"≥" means soluble, but saturation unknown. |



## 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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