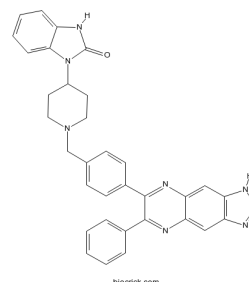


## PHYSICAL AND CHEMICAL PROPERTIES

|                              |   |
|------------------------------|---|
| <b>Product Name:</b>         | AKT inhibitor VIII  |
| <b>Catalog Number:</b>       | BCC1334   |
| <b>Cas No.:</b>              | 612847-09-3   |
| <b>Formula:</b>              | C <sub>34</sub> H <sub>29</sub> N <sub>7</sub> O  |
| <b>M.Wt:</b>                 | 551.64  |
| <b>Purity:</b>               | >98%  |
| <b>Physical Description:</b> | N/A   |
| <b>Synonyms:</b>             | N/A   |
| <b>Chemical Name:</b>        | 3-[1-[[4-(7-phenyl-3H-imidazo[4,5-g]quinoxalin-6-yl)phenyl]methyl]piperidin-4-yl]-1H-benzimidazol-2-one |
| <b>SMILES:</b>               | <chem>C1CN(CCC1N2C3=CC=CC=C3NC2=O)CC4=CC=C(C=C4)C5=NC6=CC7=C(C=C6N=C5C8=CC=CC=C8)N=CN7</chem>           |
| <b>Solubility:</b>           | DMSO : 20 mg/mL (36.26 mM; Need ultrasonic)<br>H <sub>2</sub> O : < 0.1 mg/mL (insoluble)               |



## 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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