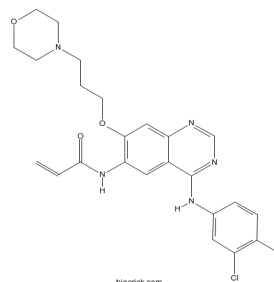


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Canertinib
<b>Catalog Number:</b>	BCN2172
<b>Cas No.:</b>	267243-28-7
<b>Formula:</b>	C <sub>24</sub> H <sub>25</sub> ClFN <sub>5</sub> O <sub>3</sub>
<b>M.Wt:</b>	485.94
<b>Purity:</b>	>98%
<b>Physical Description:</b>	Powder
<b>Synonyms:</b>	CI-1033; PD-183805
<b>Chemical Name:</b>	N-[4-(3-chloro-4-fluoroanilino)-7-(3-morpholin-4-ylpropoxy)quinazolin-6-yl]prop-2-enamide
<b>SMILES:</b>	<chem>C=CC(=O)NC1=C(C=C2C(=C1)C(=NC=N2)NC3=CC(=C(C=C3)F)Cl)OCCCN4CCOCC4</chem>
<b>Solubility:</b>	Ethanol : 12.5 mg/mL (25.72 mM; Need ultrasonic) DMSO : 4.9 mg/mL (10.08 mM; Need warming) Methanol : 2.22 mg/mL (4.57 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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