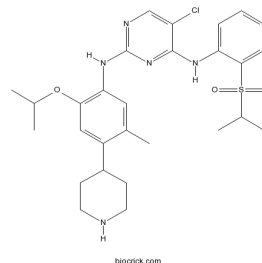


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	LDK378
<b>Catalog Number:</b>	BCC3691
<b>Cas No.:</b>	1032900-25-6
<b>Formula:</b>	C <sub>28</sub> H <sub>36</sub> ClN <sub>5</sub> O <sub>3</sub> S
<b>M.Wt:</b>	558.14
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	Ceritinib
<b>Chemical Name:</b>	5-chloro-2-N-(5-methyl-4-piperidin-4-yl-2-propan-2-yloxyphenyl)-4-N-(2-propan-2-ylsulfonylphenyl)pyrimidine-2,4-diamine
<b>SMILES:</b>	<chem>CC1=CC(=C(C=C1C2CCNCC2)OC(C)C)NC3=NC=C(C(=N3)NC4=CC=C(C=C4S(=O)(=O)C(C)C)Cl</chem>
<b>Solubility:</b>	DMSO : 5.6 mg/mL (10.03 mM; Need ultrasonic) Ethanol : ≥ 3.33 mg/mL (5.97 mM) *"≥" 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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