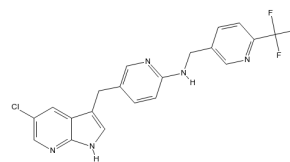


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## PHYSICAL AND CHEMICAL PROPERTIES

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|                              |   |
|------------------------------|---|
| <b>Product Name:</b>         | Pexidartinib (PLX3397)  |
| <b>Catalog Number:</b>       | BCC6405   |
| <b>Cas No.:</b>              | 1029044-16-3  |
| <b>Formula:</b>              | C <sub>20</sub> H <sub>15</sub> ClF <sub>3</sub> N <sub>5</sub>   |
| <b>M.Wt:</b>                 | 417.81  |
| <b>Purity:</b>               | >98%  |
| <b>Physical Description:</b> | N/A   |
| <b>Synonyms:</b>             | PLX-3397  |
| <b>Chemical Name:</b>        | 5-[(5-chloro-1H-pyrrolo[2,3-b]pyridin-3-yl)methyl]-N-[[6-(trifluoromethyl)pyridin-3-yl]methyl]pyridin-2-amine |
| <b>SMILES:</b>               | <chem>C1=CC(=NC=C1CC2=CNC3=NC=C(C=C23)Cl)NCC4=CN=C(C=C4)C(F)(F)F</chem>                                       |
| <b>Solubility:</b>           | DMSO : 50 mg/mL (119.67 mM; Need ultrasonic)<br>H <sub>2</sub> O : < 0.1 mg/mL (insoluble)                    |



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## STORAGE AND SHIPPING

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|                            |   |
|----------------------------|---|
| <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   |

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## INTENDED USE

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1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

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## CAUTION!

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**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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