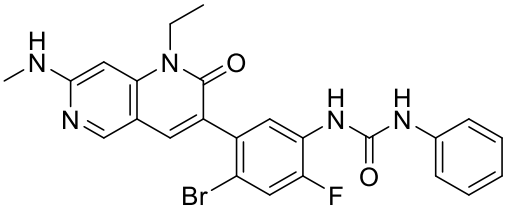




## Certificate of Analysis

<b>MedKoo Cat#:</b> 206497	<b>Product Name:</b> Ripretinib free base	<b>Lot#:</b> S20S06C20
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<b>Chemical name</b>	
1-(4-bromo-5-(1-ethyl-7-(methylamino)-2-oxo-1,2-dihydro-1,6-naphthyridin-3-yl)-2-fluorophenyl)-3-phenylurea	
<b>Synonyms</b>	
DCC-2618; DCC 2618; DCC2618; DP 2618; DP-2618; DP2618; Ripretinib	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 206497 Name: Ripretinib free base CAS#: 1442472-39-0 (free base) Lot#: S20S06C20 Chemical Formula: C <sub>24</sub> H <sub>21</sub> BrFN <sub>5</sub> O <sub>2</sub> Exact Mass: 509.0863 Molecular Weight: 510.37

Analysis item	Specifications / Results
<b>Appearance</b>	White to off-white solid powder
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (HPLC)</b>	>99.0%
<b>Solubility</b>	Soluble in DMSO
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**