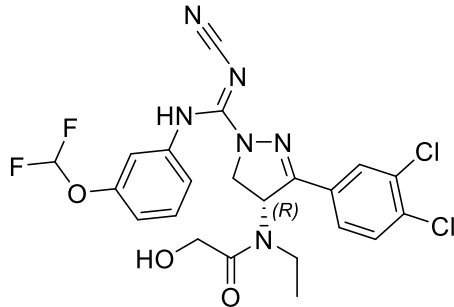


# Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
407403	BAY-598 R-isomer	YXM70304

Chemical name	
(R,E)-N-(1-(N'-cyano-N-(3-(difluoromethoxy)phenyl)carbamimidoyl)-3-(3,4-dichlorophenyl)-4,5-dihydro-1H-pyrazol-4-yl)-N-ethyl-2-hydroxyacetamide	
Synonyms	
BAY-598 R-isomer; BAY 598 R-isomer; BAY598 R-isomer	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407403 Name: BAY-598 R-isomer CAS#: 1906920-28-2 (BAY598 R-isomer) Lot# YXM70304 Chemical Formula: C <sub>22</sub> H <sub>20</sub> Cl <sub>2</sub> F <sub>2</sub> N <sub>6</sub> O <sub>3</sub> Exact Mass: 524.0942 Molecular Weight: 525.34

Analysis item	Specifications / Results
<b>Appearance</b>	Beige 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% (chemical); >99% (optical)
<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**