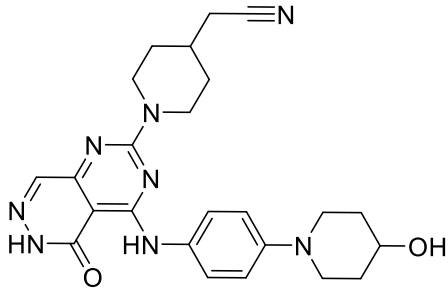




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
206866	Gusacitinib	C21R02B09

<b>Chemical name</b>	
1-[5,6-Dihydro-4-[[4-(4-hydroxy-1-piperidiny)phenyl]amino]-5-oxopyrimido[4,5-d]pyridazin-2-yl]-4-piperidineacetonitrile	
<b>Synonyms</b>	
ASN002; ASN-002;ASN 002; EN3351, EN-3351; EN 3351; Gusacitinib	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 206866 Name: Gusacitinib CAS#: 1425381-60-7 (free base) LOT#: C21R02B09 Chemical Formula: C <sub>24</sub> H <sub>28</sub> N <sub>8</sub> O <sub>2</sub> Exact Mass: 460.2335 Molecular Weight: 460.54

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	Yellow 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**