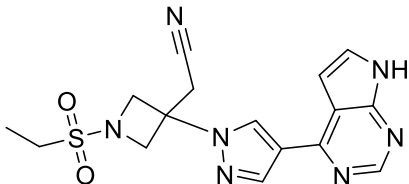


## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#</b>
205893	Baricitinib	SSC50313

<b>Chemical name</b>	
2-(3-(4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl)-1-(ethylsulfonyl)azetidin-3-yl)acetonitrile	
<b>Synonyms</b>	
INCB028050; INCB-028050; INCB 028050; LY3009104; LY-3009104; LY 3009104; Baricitinib.	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Code#: 205893 Name: Baricitinib CAS#: 1187594-09-7 Lot#SSC50313 Chemical Formula: C <sub>16</sub> H <sub>17</sub> N <sub>7</sub> O <sub>2</sub> S Exact Mass: 371.11644 Molecular Weight: 371.42

Analysis item	Specification /Results
<b>Appearance</b>	Light yellow 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's 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>Self life</b>	At least 5 years if properly stored.

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