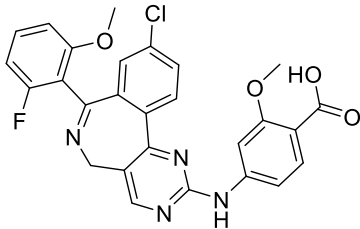




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
201931	Alisertib	T21D03P03

<b>Chemical name</b>	
4-((9-chloro-7-(2-fluoro-6-methoxyphenyl)-5H-benzo[c]pyrimido[4,5-e]azepin-2-yl)amino)-2-methoxybenzoic acid	
<b>Synonyms</b>	
MLN8237; MLN-8237; MLN 8237; alisertib	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 201931 Name: Alisertib CAS#: 1028486-01-2 Lot#: T21D03P03 Chemical Formula: C <sub>27</sub> H <sub>20</sub> ClFN <sub>4</sub> O <sub>4</sub> Exact Mass: 518.1157 Molecular Weight: 518.9

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	Light 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%
<b>Solubility</b>	Slightly 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**