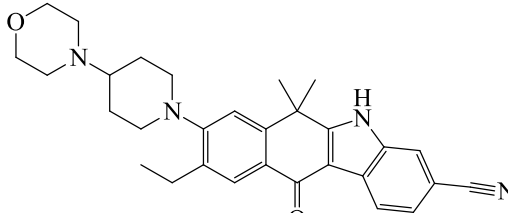




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
205799	Alectinib	BBC50128

<b>Chemical name</b>	
9-ethyl-6,6-dimethyl-8-(4-morpholinopiperidin-1-yl)-11-oxo-6,11-dihydro-5H-benzo[b]carbazole-3-carbonitrile	
<b>Synonyms</b>	
AF 802; AF802; AF-802; CH5424802; CH-5424802; CH 5424802; RO5424802; RO 5424802; RO-5424802	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 205799 Name: Alectinib CAS#: 1256580-46-7 Lot#:BBC50128 Chemical Formula: C <sub>30</sub> H <sub>34</sub> N <sub>4</sub> O <sub>2</sub> Exact Mass: 482.26818 Molecular Weight: 482.62

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>	>98.0%
<b>Solubility</b>	Soluble in DMSO (2 mg / mL), in 30% PEG400/0.5% Tween80/5% propylene glycol (30mg / mL)
<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**