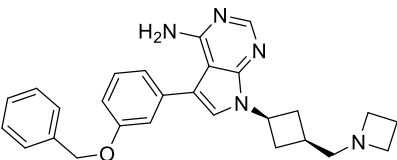




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
204210	AEW-541 free base	YXM210324

<b>Chemical name</b>	
7-((1r,3r)-3-(azetidin-1-ylmethyl)cyclobutyl)-5-(3-(benzyloxy)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine	
<b>Synonyms</b>	
NVP-AEW541; NVP-AEW 541; NVP-AEW-541; AEW-541; AEW 541; AEW541	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 204210 Name: AEW-541 free base CAS#: 475488-34-7 (free base) Lot#: YXM210324 Chemical Formula: C <sub>27</sub> H <sub>29</sub> N <sub>5</sub> O Exact Mass: 439.23721 Molecular Weight: 439.55

<b>Analysis item</b>	<b>Specifications / Results</b>
<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>	>99.0%
<b>Solubility</b>	Solubility 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**