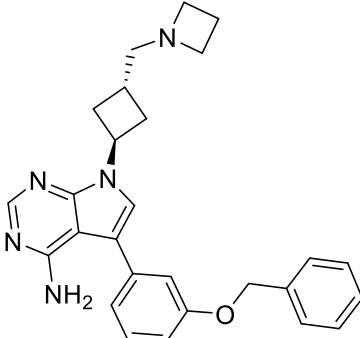




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
204210	AEW-541 free base	T4Z03C13

Chemical name	
7-((1r,3r)-3-(azetidin-1-ylmethyl)cyclobutyl)-5-(3-(benzyloxy)phenyl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine	
Synonyms	
NVP-AEW541; NVP-AEW 541; NVP-AEW-541; AEW-541; AEW 541; AEW541	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 204210 Name: AEW-541 free base CAS#: 475488-34-7 (free base) Lot#: T4Z03C13 Chemical Formula: C27H29N5O Exact Mass: 439.23721 Molecular Weight: 439.55

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ 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.
Purity (HPLC)	>98.0%
Solubility	Solubility in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

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