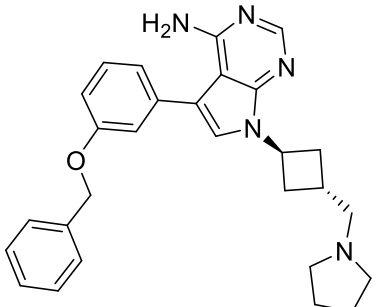




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
202042	ADW742	BBC61102

Chemical name	
5-(3-(benzyloxy)phenyl)-7-((1r,3r)-3-(pyrrolidin-1-ylmethyl)cyclobutyl)-7H-pyrrolo[2,3-d]pyrimidin-4-amine	
Synonyms	
NVP-ADW742; NVP ADW-742; NVP ADW 742; ADW 742; ADW-742; ADW742; GSK 552602A; GSK-552602A; GSK552602A.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 202042 Name: ADW742 CAS#: 475488-23-4 Lot#: BBC61102 Chemical Formula: C ₂₈ H ₃₁ N ₅ O Exact Mass: 453.25286 Molecular Weight: 453.58

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	Soluble 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