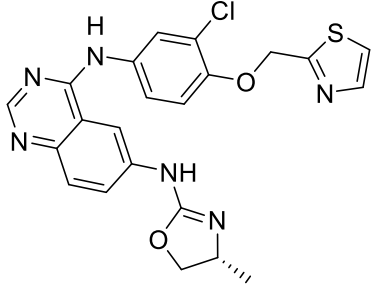




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
205660	Varlitinib	KB21128

Chemical name	
(R)-N4-(3-chloro-4-(thiazol-2-ylmethoxy)phenyl)-N6-(4-methyl-4,5-dihydrooxazol-2-yl)quinazoline-4,6-diamine	
Synonyms	
ASLAN001; ASLAN-001; ASLAN 001; AR 00334543; ARRY334543; ARRY-334543; ARRY543; ARRY-543; ARRY 543	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 205660 Name: Varlitinib CAS#: 845272-21-1 Lot#: KB21128 Chemical Formula: C ₂₂ H ₁₉ ClN ₆ O ₂ S Exact Mass: 466.09787 Molecular Weight: 466.94

Analysis item	Specifications / Results
Appearance	Pale yellow to yellow 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)	>99.0%
Solubility	Soluble in DMSO, DMF, EtOH, and PBS
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