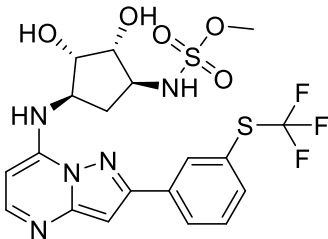


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206163	TAK-243	A9O06B04

Chemical name	
methyl ((1S,2R,3S,4R)-2,3-dihydroxy-4-((2-(3-((trifluoromethyl)thio)phenyl)pyrazolo[1,5-a]pyrimidin-7-yl)amino)cyclopentyl)sulfamate	
Synonyms	
TAK-243, TAK 243, TAK243, MLN7243, MLN-7243, MLN 7243, AOB87172, AOB-87172, AOB 87172	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206163 Name: TAK-243 CAS#: 1450833-55-2 Lot#: A9O06B04 Chemical Formula: C19H20F3N5O5S2 Exact Mass: 519.0858 Molecular Weight: 519.51

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