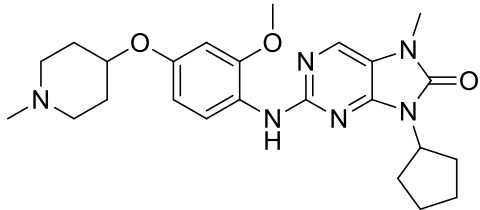




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406239	AZ-3146	SSC40824

Chemical name	
9-cyclopentyl-2-(2-methoxy-4-(1-methylpiperidin-4-yloxy)phenylamino)-7-methyl-7H-purin-8(9H)-one	
Synonyms	
AZ3146; AZ 3146; AZ-3146	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Code#: 406239 Name: AZ-3146 CAS#: 1124329-14-1 Lot#: SSC40824 Chemical Formula: C ₂₄ H ₃₂ N ₆ O ₃ Exact Mass: 452.25359 Molecular Weight: 452.55

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)	>99.0%
Solubility	DMSO: ~25 mg/mL; Water: <1 mg/mL; Ethanol ~ 80 mg/mL
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