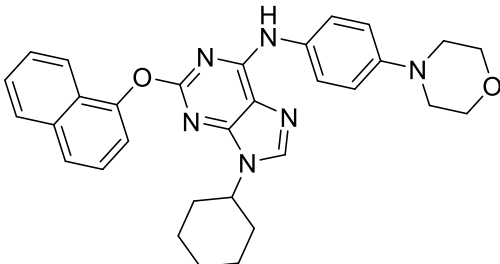




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406133	Purmorphamine	A20T11K14

Chemical name	
9-cyclohexyl-N-(4-morpholinophenyl)-2-(naphthalen-1-yloxy)-9H-purin-6-amine	
Synonyms	
Purmorphamine	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406133 Name: Purmorphamine CAS#: 483367-10-8 Lot#: A20T11K14 Chemical Formula: C ₃₁ H ₃₂ N ₆ O ₂ Exact Mass: 520.25867 Molecular Weight: 520.62

Analysis item	Specifications / Results
Appearance	Pale 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
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