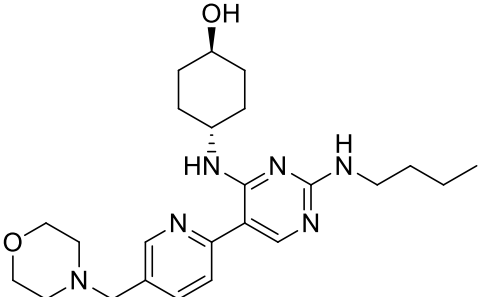


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406396	UNC2250	BBC60304

Chemical name	
(1r,4r)-4-((2-(butylamino)-5-(5-(morpholinomethyl)pyridin-2-yl)pyrimidin-4-yl)amino)cyclohexanol	
Synonyms	
UNC2250; UNC-2250; UNC 2250.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406396 Name: UNC2250 CAS#: 1493694-70-4 Lot#: BBC60304 Chemical Formula: C ₂₄ H ₃₆ N ₆ O ₂ Exact Mass: 440.28997 Molecular Weight: 440.58

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)	>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
Self life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE