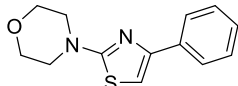


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
562835	VPC-14228	A23O02B02

Chemical name	
4-(4-Phenylthiazol-2-yl)morpholine	
Synonyms	
VPC-14228; VPC 14228; VPC14228	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 562835 Name: VPC-14228 CAS#: 19983-28-9 Lot#: A23O02B02 Chemical Formula: C ₁₃ H ₁₄ N ₂ OS Exact Mass: 246.0827 Molecular Weight: 246.32

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%
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 3 years if properly stored.

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