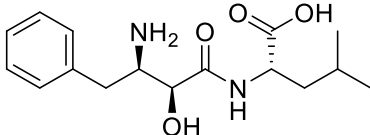




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206765	Ubenimex	C8R11B14

Chemical name	
((2S,3R)-3-amino-2-hydroxy-4-phenylbutanoyl)-L-leucine	
Synonyms	
Ubenimex, NK 421, NK-421, NK421, Bestatin, NSC 265489, NSC265489, NSC-265489	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206765 Name: Ubenimex CAS#: 58970-76-6 Lot#: C8R11B14 Chemical Formula: C ₁₆ H ₂₄ N ₂ O ₄ Exact Mass: 308.1736 Molecular Weight: 308.38

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
Shelf life	At least 5 years if properly stored.

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