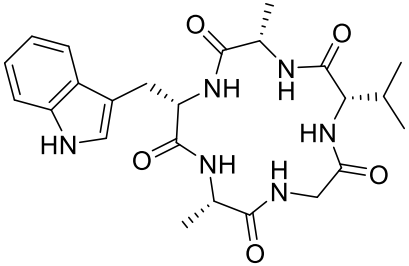




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
330244	Segetalin B	A20T04K14

Chemical name	
(3S,6S,9S,12S)-6-(1H-indol-3-ylmethyl)-12-isopropyl-3,9-dimethyl-1,4,7,10,13pentaazacyclopentadecane-2,5,8,11,14-pentaone	
Synonyms	
Segetalin B; Vaccarin A, Segetalin B, Segetaline B; Cyclo(L-alanylglycyl-L-valyl-L-alanyl-L-tryptophyl)	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 330244 Name: Segetalin B CAS#: 164991-89-3 Lot#: A20T04K14 Chemical Formula: C ₂₄ H ₃₂ N ₆ O ₅ Exact Mass: 484.2434 Molecular Weight: 484.56

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