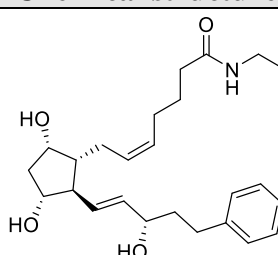


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
317326	Bimatoprost	T8Z10C26

Chemical name	
(Z)-7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(E,3S)-3-hydroxy-5-phenylpent-1-enyl]cyclopentyl]-N-ethylhept-5-enamide	
Synonyms	
AGN 192024; AGN192024; AGN-192024; Bimatoprost; Lumigan; Latisse; Bimatoprostum; Lumigan	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 317326 Name: Bimatoprost CAS#: 155206-00-1 Lot#: T8Z10C26 Chemical Formula: C ₂₅ H ₃₇ NO ₄ Exact Mass: 415.27226 Molecular Weight: 415.57

Analysis item	Specifications / Results
Appearance	A 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%
Solubility	Soluble in DMSO, not in water
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