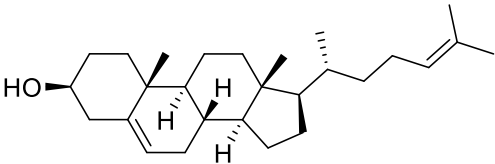




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
525961	Desmosterol	C9M02C15

Chemical name	
(3S,8S,9S,10R,13R,14S,17R)-10,13-Dimethyl-17-[(2R)-6-methylhept-5-en-2-yl]-2,3,4,7,8,9,11,12,14,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthren-3-ol	
Synonyms	
Desmosterol	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 525961 Name: Desmosterol CAS#: 313-04-2 Lot#: C9M02C15 Chemical Formula: C ₂₇ H ₄₄ O Exact Mass: 384.3392 Molecular Weight: 384.65

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%
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