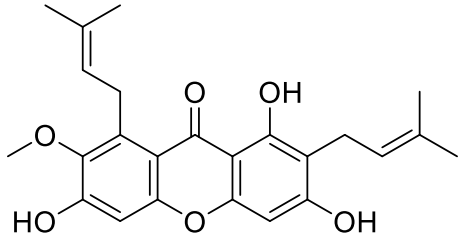




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
328053	Alpha-Mangostin	C23B09B11

Chemical name	
3,6,8-Trihydroxy-2-methoxy-1,7-bis(3-methylbut-2-enyl)xanthen-9-one	
Synonyms	
Alpha-Mangostin; NSC 139154; NSC 27593; NSC 30552; NSC139154; NSC27593; NSC30552.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 328053 Name: Alpha-Mangostin CAS#: 6147-11-1 Lot#: C23B09B11 Chemical Formula: C ₂₄ H ₂₆ O ₆ Exact Mass: 410.1729 Molecular Weight: 410.46

Analysis item	Specifications / Results
Appearance	Yellow 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