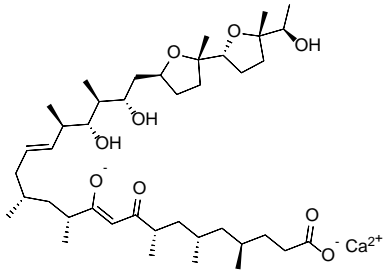


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
540222	Ionomycin calcium	C21M12C10

Chemical name	
calcium (4R,6S,8S,10Z,12R,14R,16E,18R,19R,20S,21S)-19,21-dihydroxy-22-((2S,2'R,5S,5'S)-5'-((R)-1-hydroxyethyl)-2,5'-dimethyloctahydro-[2,2'-bifuran]-5-yl)-4,6,8,12,14,18,20-heptamethyl-11-oxido-9-oxodocosa-10,16-dienoate	
Synonyms	
Ionomycin, calcium salt	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 540222 Name: Ionomycin calcium CAS#: 56092-82-1 Lot#: C21M12C10 Chemical Formula: C ₄₁ H ₇₀ CaO ₉ Exact Mass: 746.4646 Molecular Weight: 747.08

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%
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