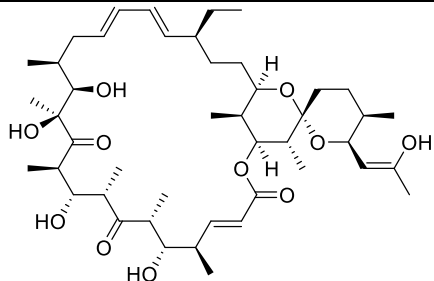


# Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
329825	Oligomycin A	C23M05C08

Chemical name	
(1S,2'R,4E,5'R,6R,6'S,7S,8R,10S,11S,12R,14S,15R,16S,18E,20E,22S,25R,28R,29S)-22-ethyl-3',4',5',6'-tetrahydro-7,11,14,15-tetrahydroxy-6'-[(1Z)-2-hydroxy-1-propen-1-yl]-5',6,8,10,12,14,16,28,29-nonamethyl-spiro[2,26-dioxabicyclo[23.3.1]nonacosa-4,18,20-triene-27,2'-[2H]pyran]-3,9,13-trione	
Synonyms	
Oligomycin A; MCH 32; MCH 32; MCH 32.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 329825 Name: Oligomycin A CAS#: 579-13-5 Lot#: C23M05C09 Chemical Formula: C <sub>45</sub> H <sub>72</sub> O <sub>11</sub> Exact Mass: 788.5075 Molecular Weight: 789.06

Analysis item	Specifications / Results
Appearance	White to off white solid powder
Structure	<sup>1</sup> 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)	>95.0%
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**