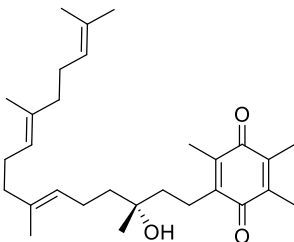




## Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
319685	Vatiquinone	YXM210916

Chemical name	
2-((R,6E,10E)-3-hydroxy-3,7,11,15-tetramethylhexadeca-6,10,14-trien-1-yl)-3,5,6-trimethylcyclohexa-2,5-diene-1,4-dione	
Synonyms	
EPI743; EPI-743; EPI 743; Vatiquinone; alpha-Tocotrienol quinone. ATQ3	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 319685 Name: Vatiquinone CAS#: 1213269-98-7 Lot#: YXM210916 Chemical Formula: C <sub>29</sub> H <sub>44</sub> O <sub>3</sub> Exact Mass: 440.329 Molecular Weight: 440.67

Analysis item	Specifications / Results
Appearance	Orange oily liquid
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)	>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 3 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**