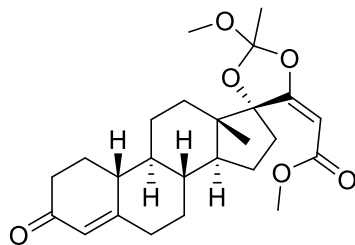


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
530400	YK11	A7T12K08

Chemical name	
methyl (E)-2-((8R,9S,10R,13S,14S,17R)-2'-methoxy-2',13-dimethyl-3-oxo-1,2,3,6,7,8,9,10,11,12,13,14,15,16-tetradecahydrospiro[cyclopenta[a]phenanthrene-17,4'-[1,3]dioxolan]-5'-ylidene)acetate	
Synonyms	
YK-11; YK 11; YK11.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 530400 Name: YK11 CAS#: 1370003-76-1 Lot#: A7T12K08 Chemical Formula: C ₂₅ H ₃₄ O ₆ Exact Mass: 430.2355 Molecular Weight: 430.54

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)	>99.0%
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