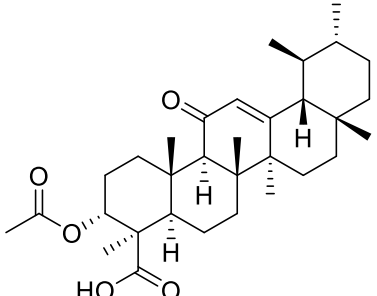




## Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
526492	AKBA	A9T07K29

Chemical name	
(3R,4R,4aR,6aR,6bS,8aR,11R,12S,12aR,14aR,14bS)-3-acetyloxy-4,6a,6b,8a,11,12,14b-heptamethyl-14-oxo-1,2,3,4a,5,6,7,8,9,10,11,12,12a,14a-tetradecahydronicene-4-carboxylic acid	
Synonyms	
AKBA; 3-O-acetyl-11-keto- $\beta$ -Boswellic acid; 3-acetyl-11-keto- $\beta$ -Boswellic acid.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 526492 Name: AKBA CAS#: 67416-61-9 Lot#: A9T07K29 Chemical Formula: C <sub>32</sub> H <sub>48</sub> O <sub>5</sub> Exact Mass: 512.35 Molecular Weight: 512.73

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)	>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**