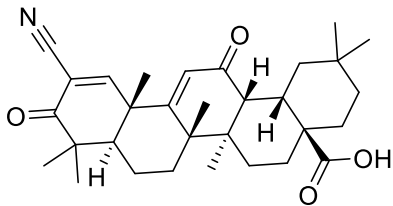




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
329647	Bardoxolone	T21D04P29

Chemical name	
(4aS,6aR,6bS,8aR,12aS,14aR,14bS)-11-cyano-2,2,6a,6b,9,9,12a-heptamethyl-10,14-dioxo-1,3,4,5,6,6a,6b,7,8,8a,9,10,12a,14,14a,14b-hexadecahydropicene-4a(2H)-carboxylic acid	
Synonyms	
CDDO; RTA 401; RTA-401; RTA401; Bardoxolone	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 329647 Name: Bardoxolone CAS#: 218600-44-3 Lot#: T21D04P29 Chemical Formula: C ₃₁ H ₄₁ NO ₄ Exact Mass: 491.3036 Molecular Weight: 491.67

Analysis item	Specifications / Results
Appearance	Light yellow 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%
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