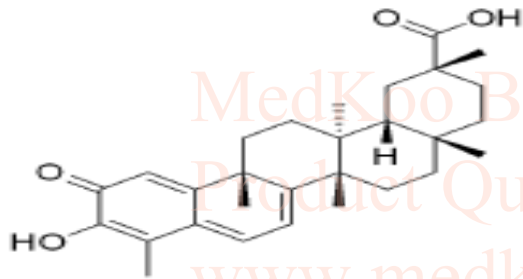




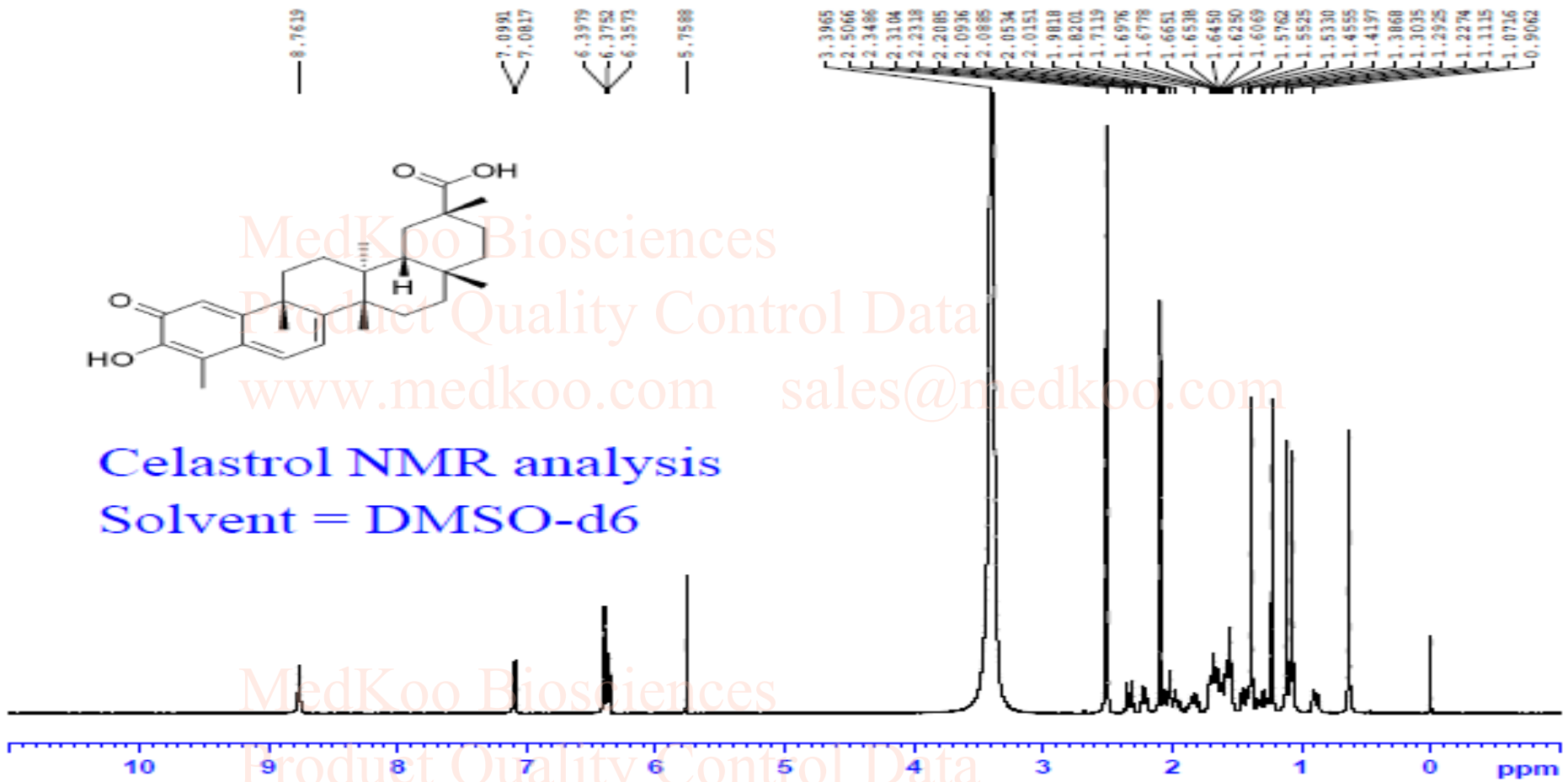
MedKoo Biosciences

Product Quality Control Data

MedKoo Product Cat#:	Product Name:	Lot#
200694	Celastrol	AKC31209



Celastrol NMR analysis
Solvent = DMSO-d6

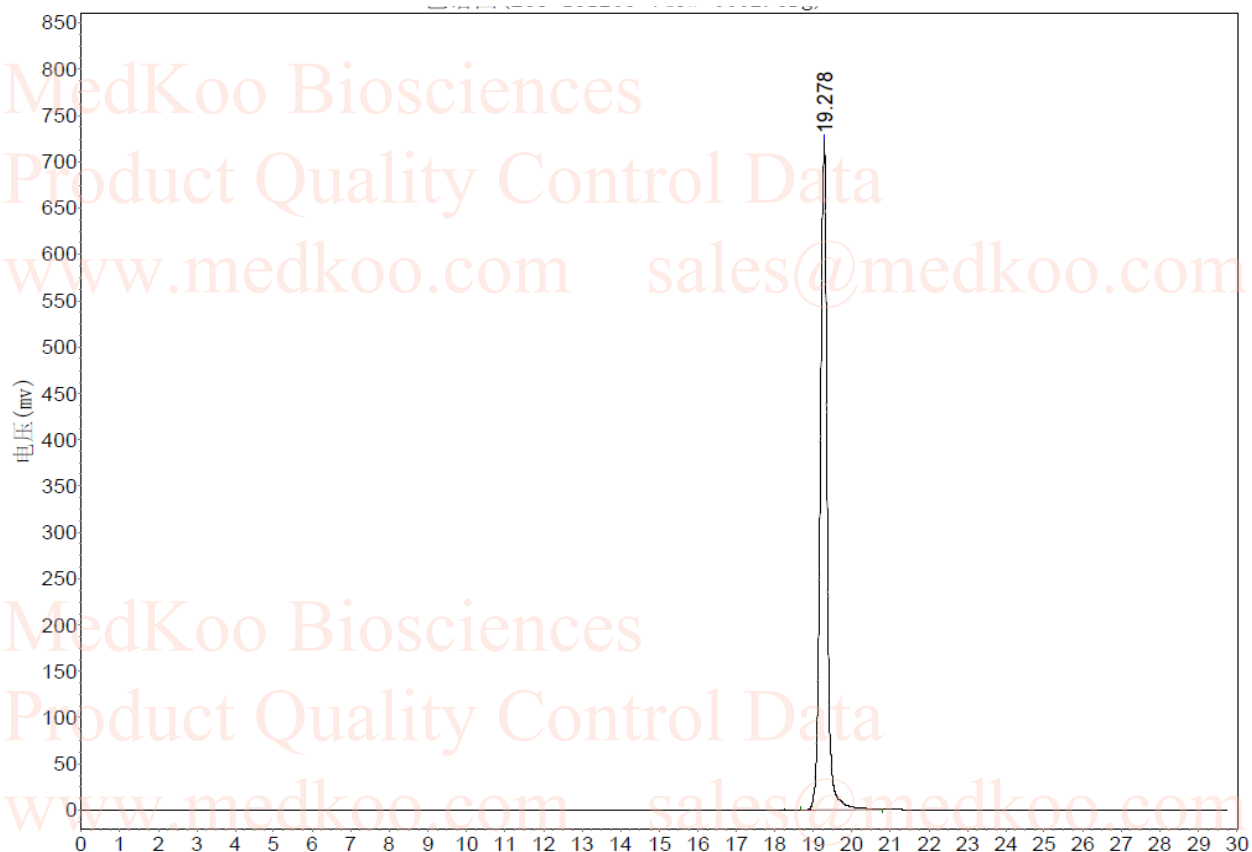




HPLC Report

MedKoo#	Product name	Lot#
200694	Celastrol	AKC31209

Instrument: Agilent Technologies 1200 Series
Inj. Volume (Method): 50 μ l
Column: Eclipse XDB-c18, 5 μ m, 4.6*150 mm
Flow Rate: 1.2 ml/min
Mobile Phase A: water (0.01% TFA) B: ACN (0.01%TFA)
Gradient: 0min 5%B, 3min 5%B, 10min 95%B, 15min 95%B
Detection Wavelength (nm): 220 nm.



(Peak analysis in next page)



HPLC Report

MedKoo#	Product name	Lot#
200694	Celastrol	AKC31209

Customized Report: Performance Report per Signal
 This report template has been designed for uncalibrated methods.

=====
 Signal: VWD1 A, Wavelength=220 nm

RetTime [min]	Area [mAU*s]	Area%	Peak height [mAU]	Resolution
19.278	88979920.000	100	723981.313	
total	88979920.000	100	723981.313	

Product Quality Control Data
 www.medkoo.com sales@medkoo.com

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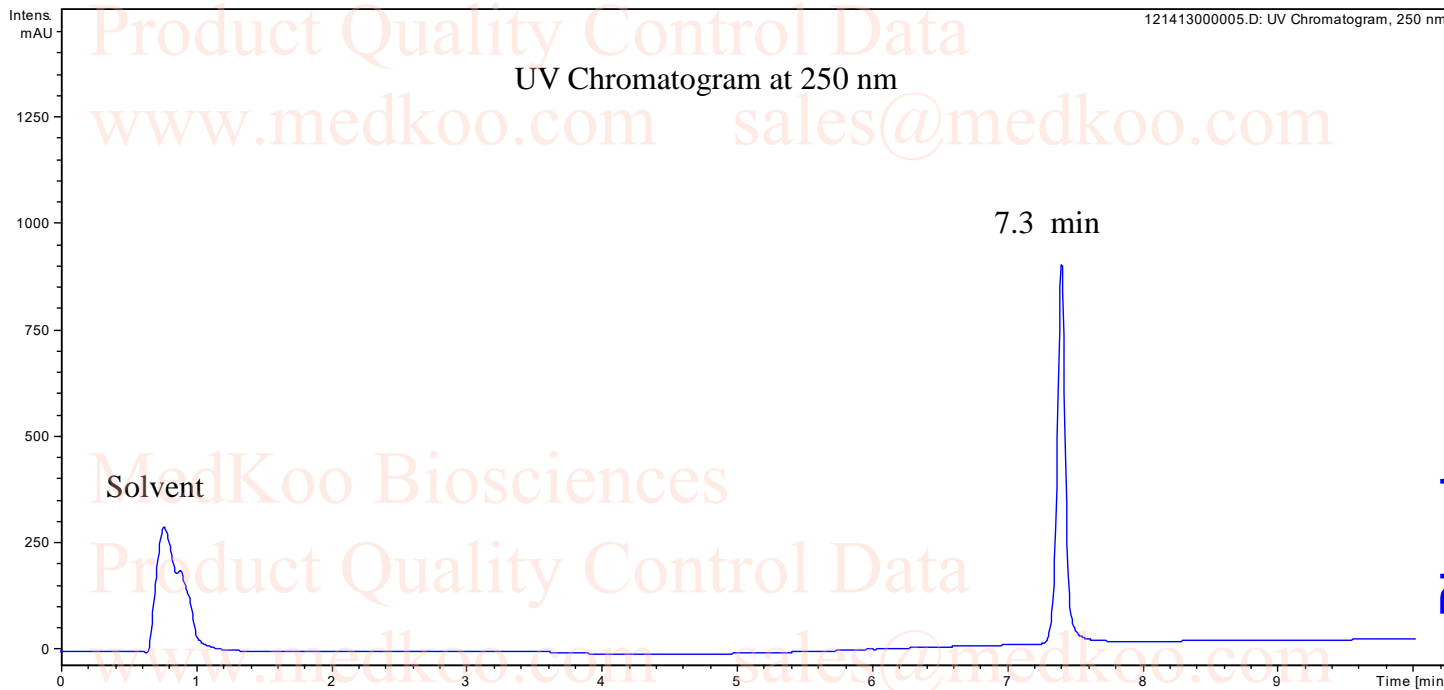


LC-MS Analytical Report

MedKoo#	Product name	Lot#
200694	Celastrol	AKC31209

- Instrument: Agilent LC/MS system (1100 HPLC and MSD Trap XCT Plus mass spectrometer with UV-Vis detector).
- HPLC condition:
 - Mobile phase A: H₂O with 0.1% formic acid; Mobile phase B: ACN with 0.1% formic acid.
 - Flow rate: 0.25 ml/min.
 - Column: Phenomenex Gemini 3u C₆-phenyl 110 A (100 × 2 mm).
 - Gradient: 0-1 min, 50% A; 5-8.5 min, 0% A.
- MS condition: Nebulizer, dry gas and dry temperature are 30 psi, 8L/min, and 350°C, respectively.

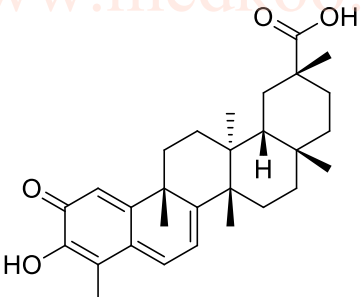
Celastrol (dissolved in DMSO and MeOH):





LC-MS Analytical Report

MedKoo#	Product name	Lot#
200694	Celastrol	AKC31209

Chemical structure	CAS# and Theoretical analysis
	MedKoo Code#: 200694 Name: Celastrol CAS#: 34157-83-0 Lot#AKC31209 Chemical Formula: C ₂₉ H ₃₈ O ₄ Exact Mass: 450.27701 Molecular Weight: 450.61

