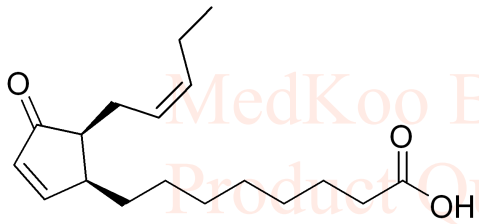
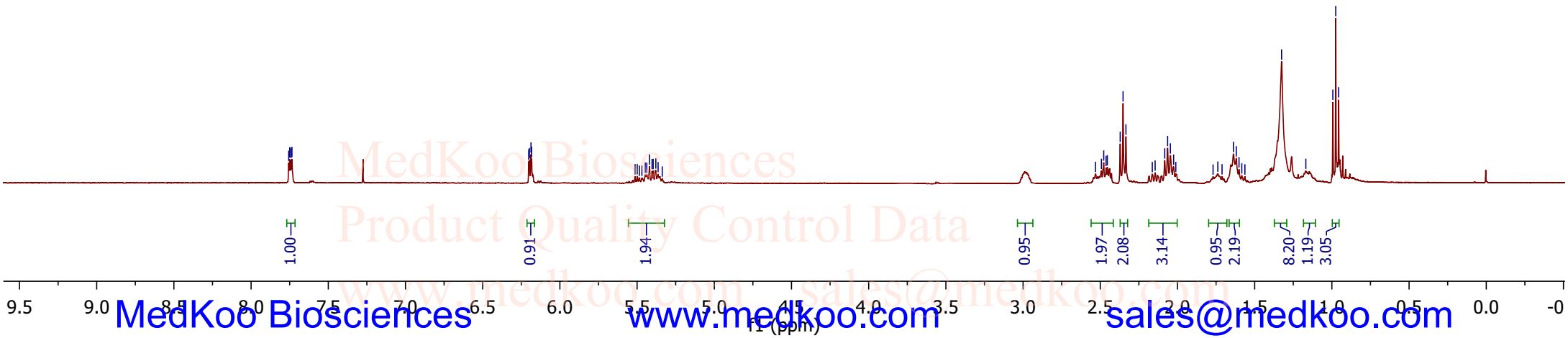
OPDA_PROTON_01

12-Oxo-Phytodienoic acid HNMR Analysis, Solvent:CDCl3



MedKoo Cat#: 561523
Name: 12-Oxo-Phytodienoic acid
CAS#: 85551-10-6
Lot#: YXM91127
Chemical Formula: C18H28O3
Exact Mass: 292.2038
Molecular Weight: 292.41

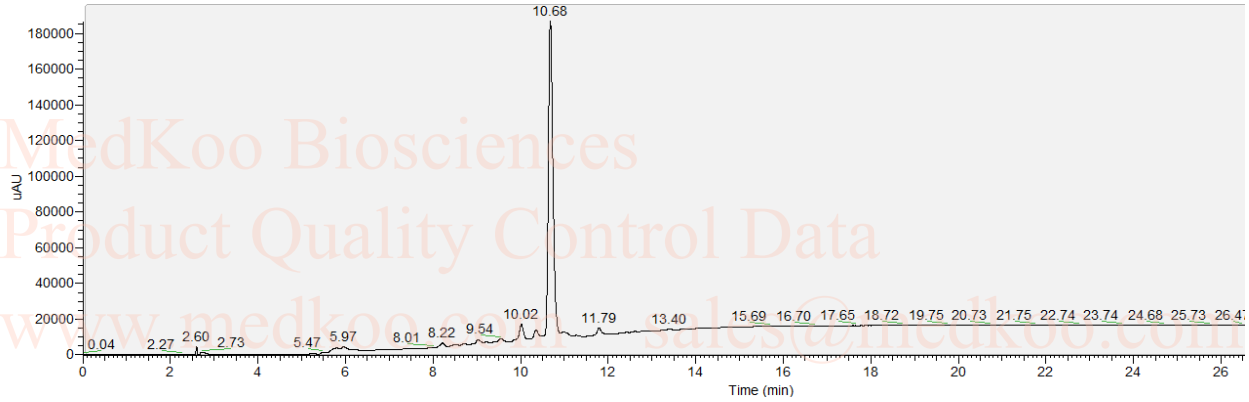


12-Oxo-Phytodienoic acid LC/MS Analysis Report

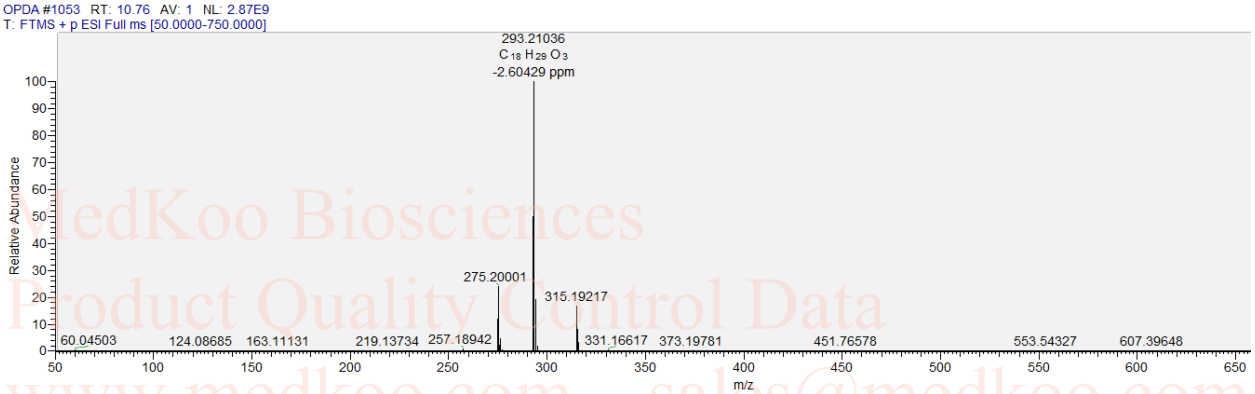
LC/MS analysis (with diode array detector and high-resolution mass spectrometer):

12-Oxo-Phytodienoic acid (Lot#YXM91127) (Overall, the purity is 91.7%)

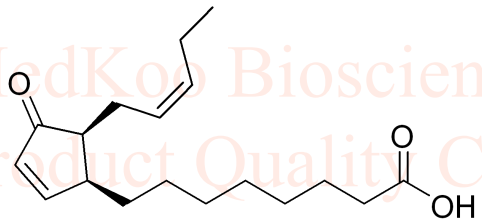
UV chromatogram at 210 nm (peak at 6 min is from background):



Mass spectrum (positive electrospary ionization) from above peak 10.7 min:



Note: High-resolution mass spectrum confirms target compound (**[M + H]$^+$**): If the error between the theoretical m/z and the experimental m/z is less than 5 ppm, it is considered as a match. m/z 315 is $[M + Na]^+$, m/z 275 is $[M + H - H_2O]^+$.



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