

Supplementary material

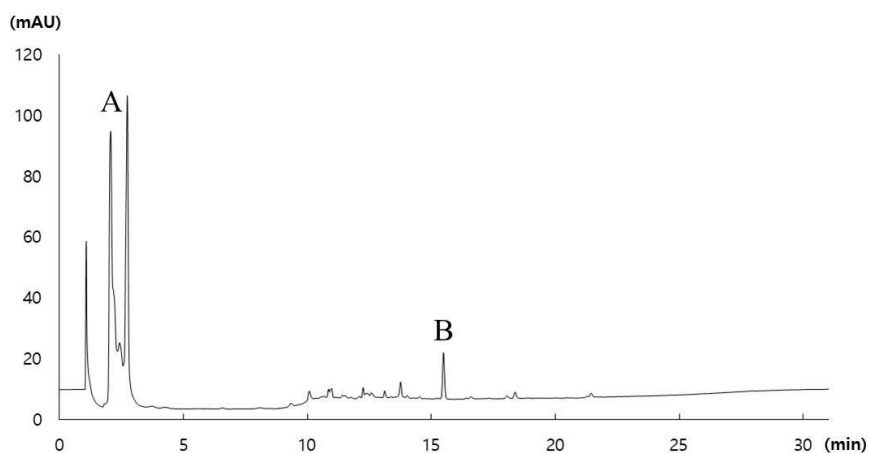


Figure S1. HPLC fingerprint of ARA. (A) atractylodin; (B) atractylenolide III. HPLC, High Performance Liquid Chromat; ARA, Atractylodis Rhizoma Alba.

Supplementary Materials and Methods

HPLC analysis

HPLC was performed using an Agilent 1220 Infinity LC System (Agilent Technologies, Santa Clara, CA, USA) and an Agilent Eclipse XDB-C18 column (4.6 mm x250 mm, 5 μ m) (Agilent Technologies). HPLC quality water and methanol were used as a mobile phase with gradient elution at a flow rate of 0.5 mL/min. 20 μ L of ARA extract (50 mg/mL), atractylodin (500 μ M) (the isolated standard compound [1] was supplied by professor Chin.) and atractylenolide III (100 μ M) (the standard compound, Sigma-Aldrich, St. Louis, MO, USA) injected and detected at 220 nm using a DAD detector.

1. Chae, H.S.; Kim, Y.M.; Chin, Y.W. Atractylodin inhibits interleukin-6 by blocking NPM-ALK activation and MAPKs in HMC-1. *Molecules* 2016,21,1169, doi: 10.3390/molecules21091169. Available online: <https://www.ncbi.nlm.nih.gov/pubmed/27598116>.