Supplementary material

Supplementary Figure S1

**Figure S1.** Cytotoxicity of selected chemical substances present in *S. acmella* extracts on RAW macrophages. Cells were treated with the test compounds at the indicated concentrations for 24 h, and cell viability was determined using MTT assay. (*Stars indicate significant (**p < 0.001) cytotoxic effect.)
Figure S2. Confirmation of the cytoprotective effect of spilanthol in RAW macrophages. Cells were pretreated with spilanthol at the indicated concentrations for 2 h followed by treatment with LPS (10 ng/ml) and IFNγ (10 ng/ml) for 24 h. Cell viability was determined using (A) CalceinAM and (B) SRB assays. (*Stars indicate significant (**p < 0.001) decrease of viability caused by IFNγ + LPS treatment. #Hashmarks indicate significant (###p < 0.001) cytoprotection provided by spilanthol.).