

Supplementary Materials

Figure S1. The effects of neoechinulin A (**1**) on the cell proliferation. The cell viability (A) and the morphology (x200) (B) of RAW264.7 macrophages. RAW264.7 macrophages were incubated for 48 h with various concentrations of neoechinulin A (12.5–200 μ M). Cell viability was determined as described in the Experimental. The data represent the mean values of three experiments \pm S.D.

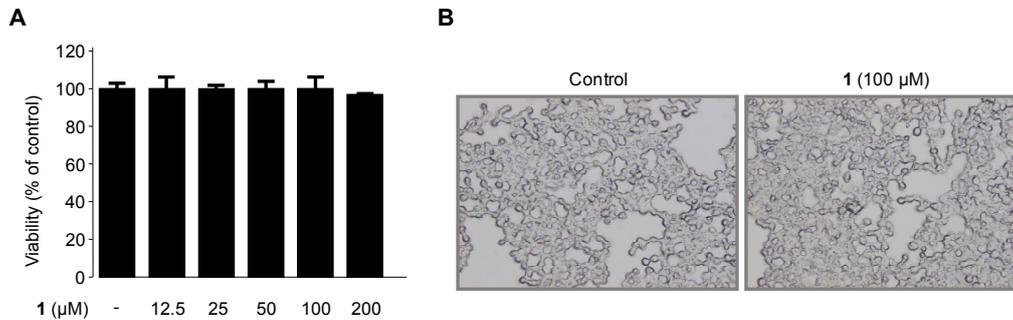


Figure S2. Effect of neoechinulin A (**1**) on NF- κ B DNA-binding activity (A) and p38 MAPK phosphorylation (B). RAW264.7 macrophages were pre-treated with the indicated concentrations of neoechinulin A (**1**) for 3 h, 6 h, and 12 h, and then stimulated with LPS (1 μ g/mL) for 30 min. A commercially available NF- κ B ELISA kit (Active Motif) was used to test nuclear extracts and determine the degree of NF- κ B binding. The phosphorylated-p38 MAPK (p-p38 MAPK) were determined by performing Western blotting. The densitometric evaluations of proteins were obtained from three different experiments. Data shown represent the mean values of three experiments \pm S.D. * $p < 0.05$ as compared to the group treated with LPS alone.

