

Anti-inflammatory effect of MeOH extract of Angelica tenuissima in IFN- γ and LPS-stimulated mouse peritoneal macrophage

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Angelica tenuissima (AT) has been used widely as a traditional medicine. In macrophages, nitric oxide (NO) is released as an inflammatory mediator and has been proposed to be an important modulator of many pathophysiological conditions including inflammation. In this study we have examined the inhibition effect of NO by 85% methanol extracts of AT in mouse macrophage. Extracts of AT (10, 100 $\mu\text{g/ml}$) suppressed NO production and iNOS in LPS-stimulated mouse (C57BL/6) macrophages. These data suggest that 85% methanol extracts of AT might be useful in inflammatory diseases by inhibiting production of NO.

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