

### **Supplementary Figure Legends:**

**Supple. Fig. 1.** Coronarin D induced NF- $\kappa$ B inhibition is not reversible. U266 cells ( $2 \times 10^6$ ) were treated with coronarin D for 8 h, washed 2 times in PBS, suspended in fresh medium, cells were harvested in different time intervals, nuclear extracts were prepared and NF- $\kappa$ B activity was analyzed by EMSA.

**Supple. Fig. 2.** Direct effect of coronarin D on IKK activation induced by TNF. Whole cell extracts were prepared from KBM-5 cells treated with 1 nM TNF and immunoprecipitated with anti-IKK- antibody. The immunocomplex kinase assay was performed in the absence or presence of the indicated concentration of coronarin D.

**Supple. Fig. 3. (A).** Coronarin D inhibited NF- $\kappa$ B activation in IKK constitutive cell line. U266 cells ( $2 \times 10^6$ ) were treated with different concentrations of coronarin D for 8 h, nuclear extracts were prepared and the NF- $\kappa$ B activity was analyzed by EMSA. **(B).** Coronarin D inhibited constitutive IKK in constitutive NF- $\kappa$ B expressing cell line U266. U266 cells ( $2 \times 10^6$ ) were treated with different concentrations of coronarin D for 8 h, whole cell lysate were prepared and the kinase assay was done as described in materials and methods.