Supplementary Figure Legends

**Supplementary Figure 1.** SW III-123 potently induced cell death in ovarian cancer cells. SKOV-3(A), CaOV-3 (B) or BG-1 (C) cells were treated with increasing concentrations of SW 43 (○), SW IV-52s (●), the combination of SW 43 and SW IV-52s (□), or SW III-123 (■) for 48 h. Cell viability was determined by MTS assay. The bars represent mean ± SEM in at least three independent experiments.

**Supplementary Figure 2.** SW III-123 induced NF-κB p65 phosphorylation as early as 5 min upon treatment. SKOV-3 cells were treated with 0, 1, 3 and 10 µM SW III-123 for 5 min. The whole cell lysates were analyzed by Western blot.

**Supplementary Figure 3.** SW III-123 induced TNFα-independent apoptosis in CaOV-3 cells. A, CaOV-3 cells were pretreated with 2 µg/mL nonimmune IgG or TNFα antibody for 1h, and then treated with 3 µM SW IV-52s, SW 43 or SW III-123 for 24 h. The cells were assayed for caspase 3 activity. B-D, CaOV-3 cells were pretreated with 2 µg/mL nonimmune IgG or TNFα antibody for 1 h, and then treated with 0, 1, 3 or 10 µM SW 43 (B), SW IV-52s (C), or SW III-123 (D) for 48 h. Viability of cells was determined by MTS assay.

**Supplementary Figure 4.** SW III-123 induced TNFα-independent apoptosis in BG-1 cells. A, BG-1 cells were pretreated with 2 µg/mL nonimmune IgG or TNFα antibody for 1h, and then treated with 3 µM SW IV-52s, SW 43 or SW III-123 for 24 h. The cells were assayed for caspase 3 activity. B-D, BG-1 cells were pretreated with 2 µg/mL nonimmune IgG or TNFα antibody for 1 h, and then treated with 0, 1, 3 or 10 µM SW 43 (B), SW IV-52s (C), or SW III-123 (D) for 48 h. Viability of cells was determined by MTS assay.