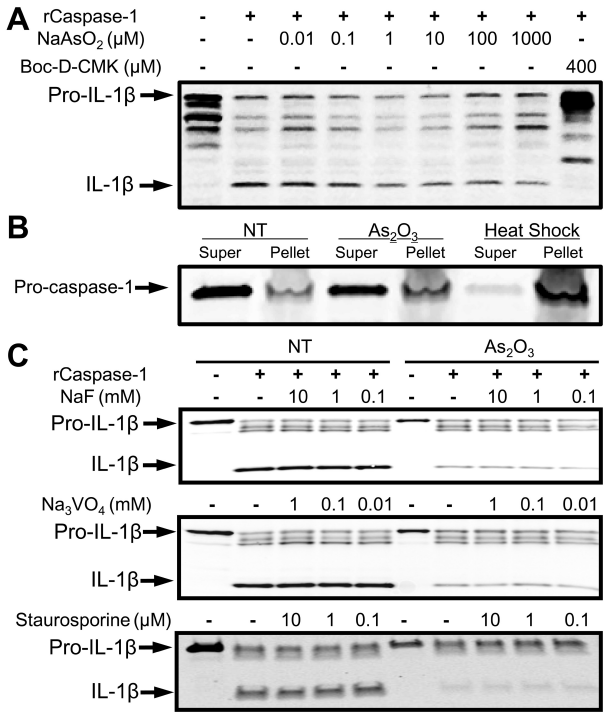

Supplemental Figure 3. Arsenicals inhibit caspase-1 through indirect mechanisms that do not involve sequestration into a large molecular weight complex or phosphorylation events. (A) Sucrose lysates from Balb/cJ BMDMs pre-treated with LPS (1 μg/mL, 2 h) were mixed with active recombinant caspase-1 (1 U/50 μL) in the presence or absence of $NaAsO_2$ or positive control inhibitor Boc-D-CMK. Lysates were incubated at 37ºC for 3 h and IL-1β cleavage was assessed by Western blot. (B) RAW264.7 cells were incubated with 50 μM As_2O_3 or heat shocked at 42ºC for 60 min followed by lysis in sucrose lysis buffer. Supernatants and pellet were analyzed for caspase-1 by Western blot after centrifugation (10,000 x g for 10 min). (C) Sucrose lysates from RAW264.7 cells pre-treated with LPS (1 μg/mL, 2 h) followed by As_2O_3 (50 μM, 1 h) were spiked with varying concentrations of phosphatase or kinase inhibitors prior to treatment with active recombinant caspase-1 (1 U/50 μL, 37ºC, 3 h). IL-1β cleavage was assessed by Western blot.