Anticancer activity in human multiple myeloma U266 cells: synergy between cryptotanshinone and arsenic trioxide

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S-Fig.1. Effect of arsenic, cryptotanshinone (CPT) or combination of iAs³ and CPT on the viability of human multiple myeloma RPMI 8266 cells. Briefly, RPMI 8266 cells were seeded at a density of 2x10⁴ cells per well in triplicate in 96-well plates. The cells were exposed to indicate concentrations of iAs³ (A), cryptotanshinone (B) or combination of 1µM iAs³ and 15µM CPT (C) for 24 h. Cell viability was determined by MTT assay as described. Data are expressed as mean values ± S.D.
Figure 1.

(A) Cell viability (% of control) for different concentrations of iAs(III) over 24 hours.

(B) Cell viability (% of control) for Cryptotanshionone over 24 hours.

(C) Cell viability (% of control) for various treatments including Con, CPT, As(III), CPT+As(III).

* indicates a significant difference from the control.