

Anti-tumor activity of Asperphenin A, a lipopeptidyl benzophenone from marine-derived *Aspergillus* sp. fungus, by inhibiting tubulin polymerization in colon cancer cells

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Supplementary Materials

Figure S1: Effect of asperphenins and synthetic derivatives on the growth of human cancer cell lines.

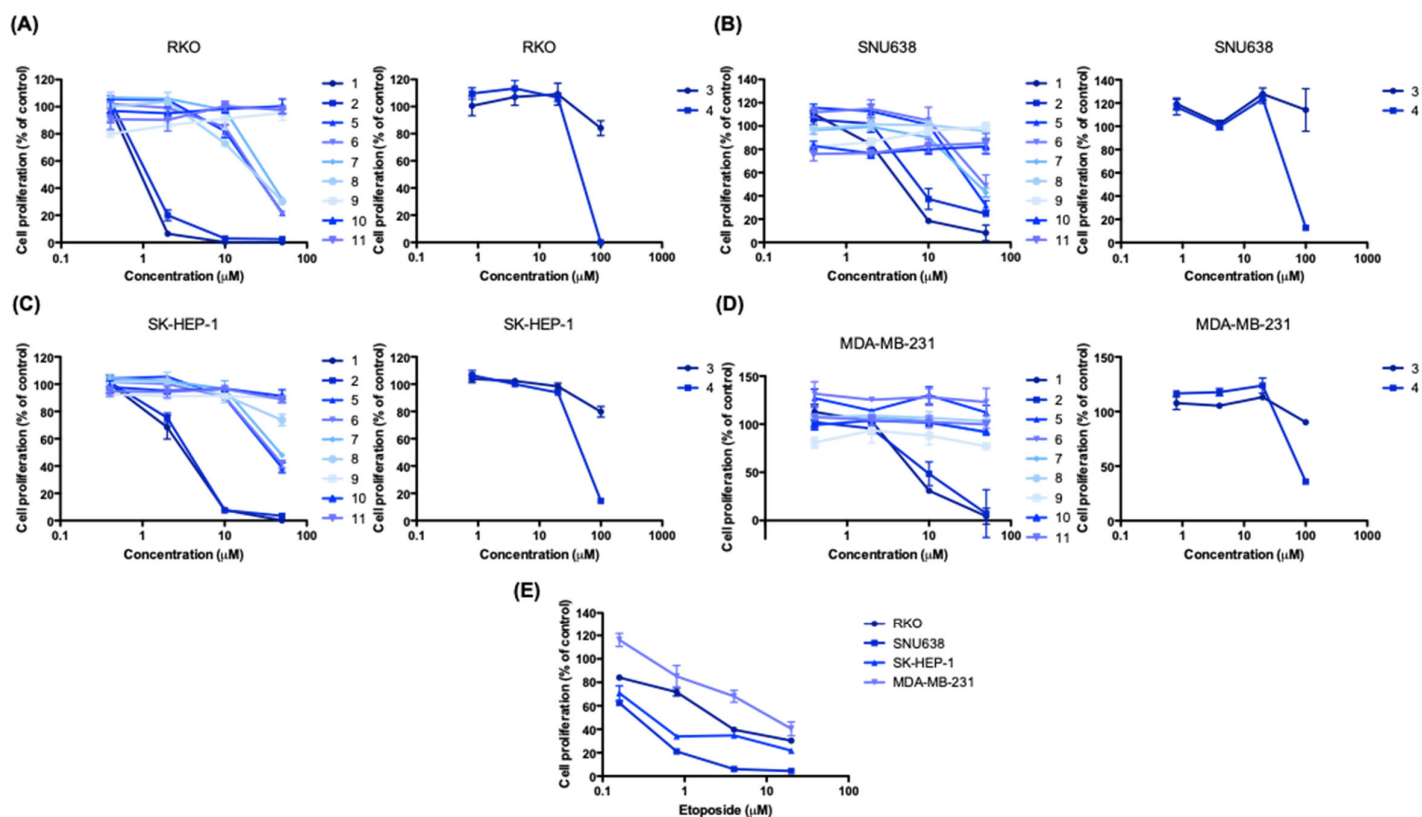


Figure S1. Effect of asperphenins and synthetic derivatives on the growth of human cancer cell lines. (A-E) RKO (A), SNU638 (B), SK-HEP-1 (C) and MDA-MB-231 (D) cells were treated with the indicated compounds or etoposide (E) for 72 h, and then the cell proliferation was measured by SRB assay. Etoposide was used as a positive control. The data are presented as the means \pm SD. Asperphenin A (1); asperphenin B (2); cycloasperphenin A (3); cycloasperphenin B (4); 7-hydroxyasperphenin A (5); 7-*epi*-hydroxyasperphenin A (6); 7-hydroxyasperphenin B (7); 7-*epi*-hydroxyasperphenin B (8); 7, 15(S)-dihydroxyasperphenin A (9); 7,15(S)-dihydroxyasperphenin B (10); 7,15(R)-dihydroxyasperphenin B (11).