Supporting Information

Palmatine from unexplored *Rutidea parviflora* showed cytotoxicity and induction of apoptosis in human ovarian cancer cells

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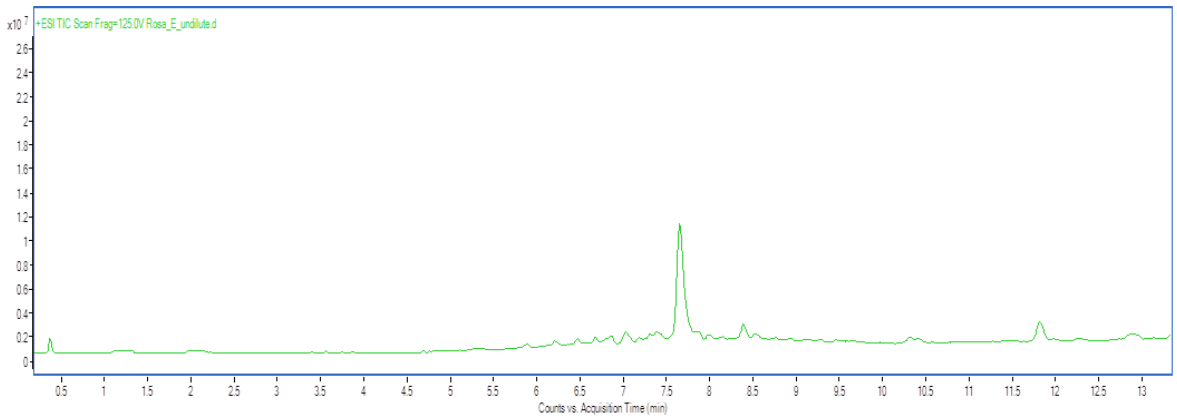
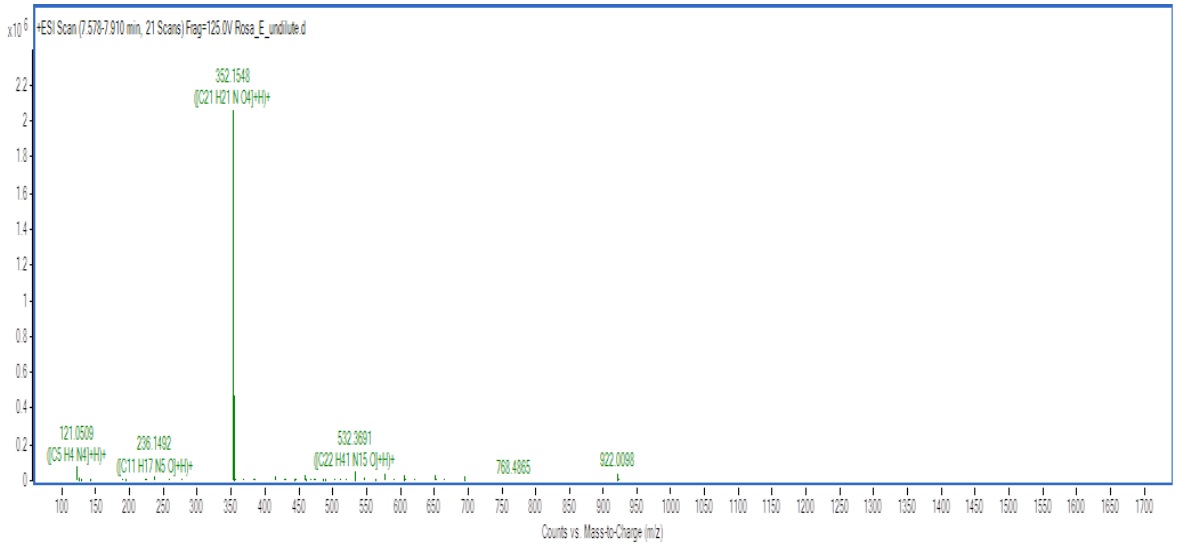


(**a**)



(**b**)

Figure S1. LC-MS chromatogram (**a**) and MS (**b**) of palmatine isolated from *Rutidea parviflora*.

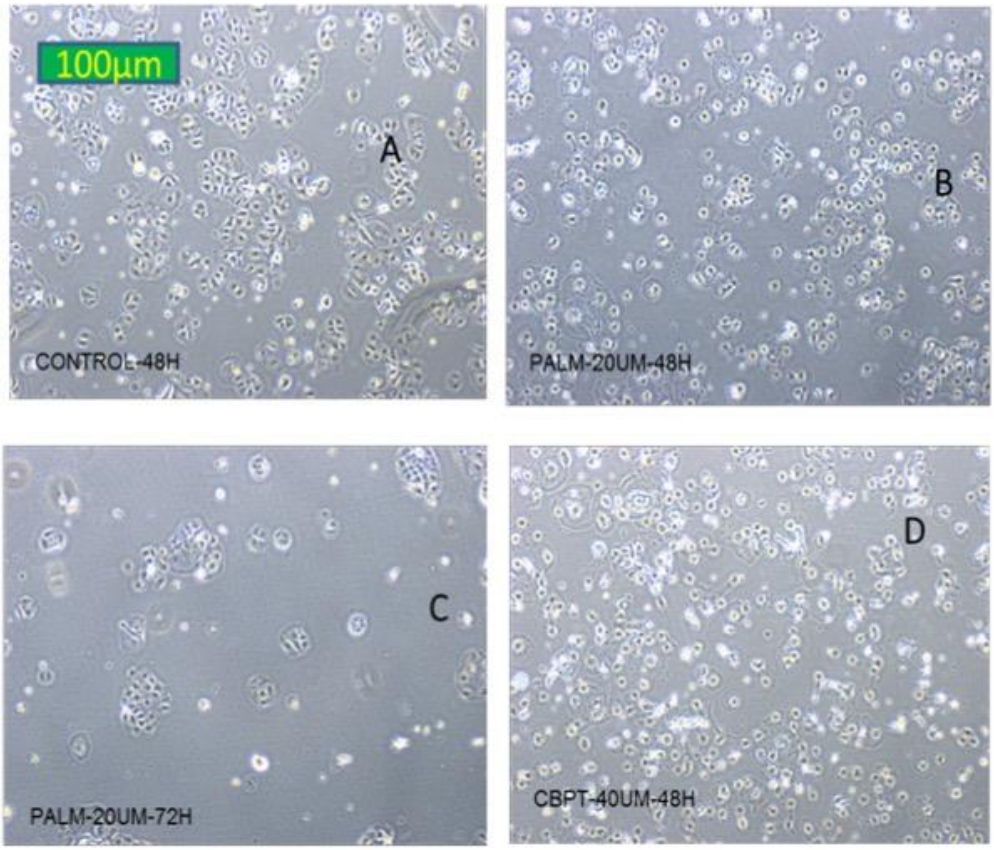


Figure S2. The effects of palmatine (20 μM) on cell morphology of OVCAR 4 cells monitored by light microscope for 48 or 72 h. The morphological changes observed in the vehicle-treated OVCAR 4 cells which were used as the control (**A**); OVCAR 4 cells treated with 20 μM palmatine at 48h (**B**); OVCAR 4 cells treated with 20 μM palmatine at 72h (**C**); and cells treated with 40 μM carboplatin at 48h (**D**). Representative images of three independent experiments were shown.