



Figure S1 Triptolide inhibits proliferation and induces apoptosis of A549 cells. (A) Dose-dependent inhibition of the proliferation of A549 cells by triptolide. Cell viability was determined by SRB assay after treatment with triptolide for 72 hours. (B) S-phase arrest in A549 cells after treatment with triptolide (20 nM) for 24 hours. (C) Representative flow cytometric graphs of A549 cells after treatment with triptolide (0, 20, 40, and 60 nM) for 24 hours. (D) Quantification of apoptotic cells after treatment with triptolide. The graph shows AV-PI positive cells, and the data are presented as the means \pm SD. (E) Expression levels of PARP, Caspase-3, Bcl-2, and Bax in A549 cells which were detected by western blot after treatment with triptolide for 24 hours. * $P < 0.05$, *** $P < 0.001$ compared to controls. SRB, sulforhodamine B; AV-PI, annexin V-propidium iodide; SD, standard deviation.