

Supplementary material-1

Effects of torulene on the apoptosis rate in LNCaP and PC-3 cells. 2.5×10^5 cells were seeded into a 6-well plate and treated with or without torulene (10, 20 and 30 $\mu\text{mol/L}$) for 24 h. Annexin V-PI staining was proceeded to determine apoptotic cell populations, n=3.

Group	Normal%	Early apoptosis%	Late apoptosis%	Necrosis%
LNCaP cells				
Control	94.96±0.61	0.29±0.06	0.30±0.04	4.45±0.07
10 $\mu\text{mol/L}$	93.99±1.32	0.19±0.05	0.25±0.05	5.57±0.12
20 $\mu\text{mol/L}$	72.70±0.85	7.96±0.15	6.00±0.81	13.34±0.27
30 $\mu\text{mol/L}$	72.30±0.94	0.01±0.01	0.42±0.02	27.27±0.02
PC-3 cells				
Control	94.18±1.34	0.62±0.03	2.12±0.15	3.08±0.47
10 $\mu\text{mol/L}$	93.76±0.54	0.91±0.08	2.37±0.28	2.96±0.23
20 $\mu\text{mol/L}$	91.99±0.97	1.62±0.05	3.65±0.81	2.74±0.30
30 $\mu\text{mol/L}$	89.53±0.66	0.76±0.05	4.54±0.22	5.17±0.47

Supplementary material-2

The melting curve data of Bcl-2, Bax, AR and PSA in LNCaP cells and Bcl-2, Bax in PC-3 cells.

(β -actin was used as the control, n=4).

