



Supplementary Figure. LEE011 induced cell cycle G₁ phase arrest and promoted cell apoptosis in MDA-MB-231.

A. Representative images of cell cycle distribution in MDA-MB-231 were displayed after exposed to 0, 2.5, 5.0, 10.0, 20.0 μ M of LEE011 for 72 hours respectively.

Compared to the control (0 μ M), G₀/G₁ portion increased with 9.03% (P<0.001), S portion decreased with 15.25% (P<0.001), and G₂/M portion increased with 6.22% (P<0.001) in the 20.0 μ M treat group.

B. Compared with the 10.0 μ M treat group, G₀/G₁ portion decreased with 17.21%, (P<0.001), G₂/M portion increased with 15.78% (P<0.001) in the 20.0 μ M treat group.

And difference was not significant in S phase (P>0.05) between the two groups.