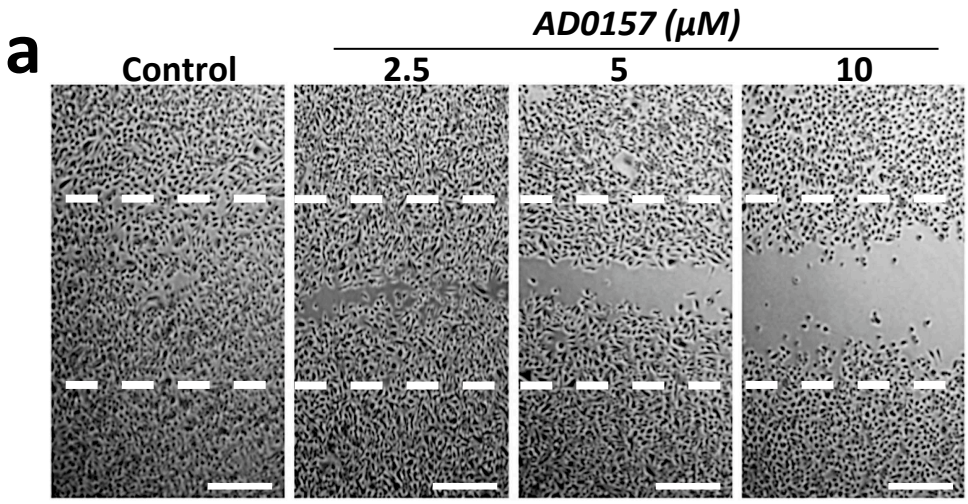
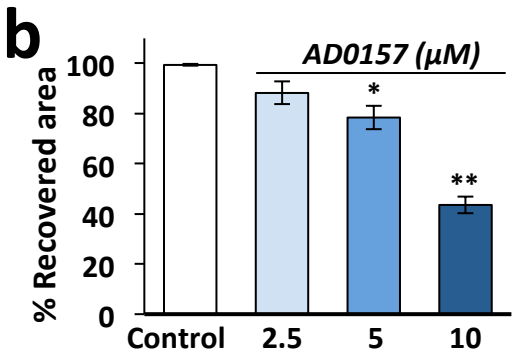
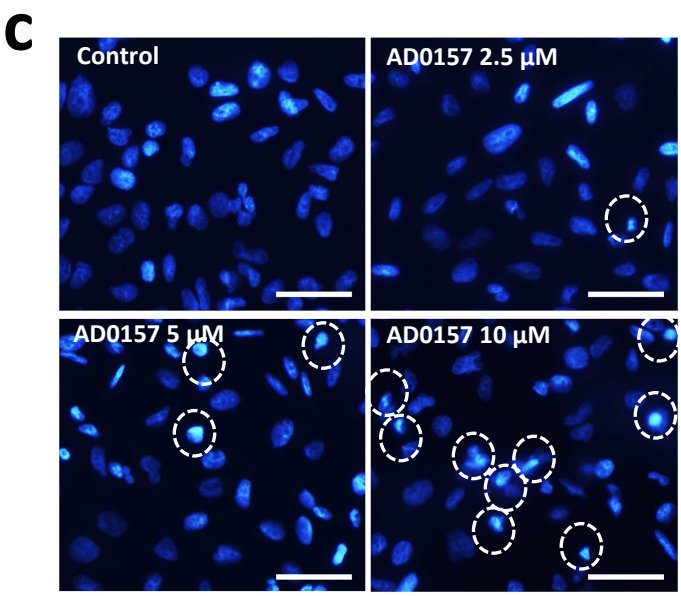
Additional file 4: Figure S4

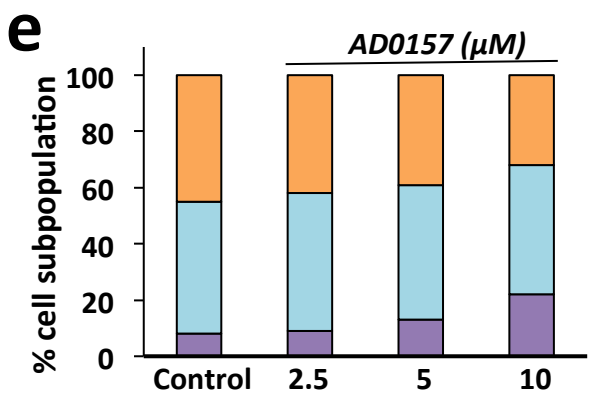






d

[AD0157] (μM)	0	2.5	5	10
% Apoptotic Nuclei	1.0 ± 1.1	1.5 ± 1.2	6.9 ± 3.2 *	24.6 ± 4.3 **



Additional file 4: Figure S4. Effect of AD0157 on MDA-MB-231/Luc+ cell migration and apoptosis. (a) Closure of the initial scratched area by MDA-MB-231/Luc+ cells after 48 h in absence or presence of different AD0157 doses. Broken lines in pictures indicate the initial (time 0) wound edges. Scale bars represent 100 μm. **(b)** Graph shows the percentage of the initial cell-free area recovered by tumor cells. **(c)** Representative pictures showing the effect of AD0157 on MDA-MB-231/Luc+ cell chromatin condensation after 14 h of treatment. Scale bars represent 100 μm. **(d)** Percentages of control and AD0157-treated tumor cells with condensed chromatin (total cells were counted by using bright field). **(e)** Percentages of subG1, G1 and S/G2/M MDA-MB-231/Luc+ cell subpopulations analyzed by flow cytometry after AD0157 treatment.