

Supporting Information

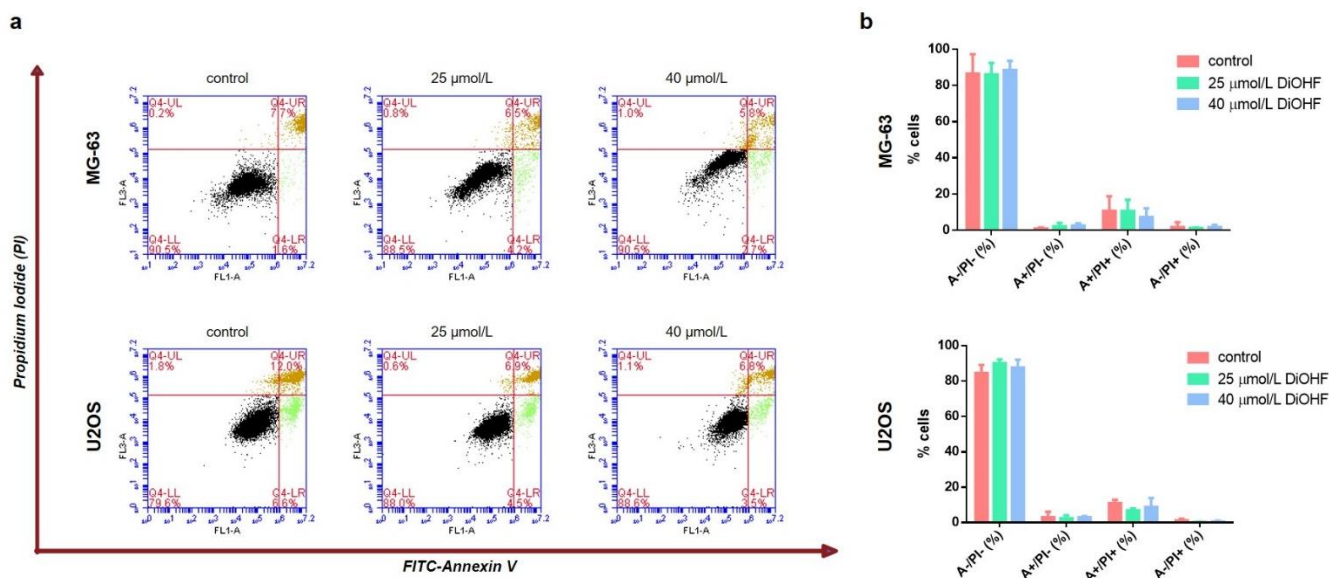


Figure S1. Effects of DiOHF on apoptosis. After 48h incubation with DiOHF, MG-63 and U2OS cells were harvested, incubated with FITC-annexin V and propidium iodide, and analysed by flow cytometry. a) representative dot plot diagrams of osteosarcoma cells labelled with FITC-annexin V (FL1) and propidium iodide (FL3); b) percentage of cells identified as FITC-annexin-V / PI: - / - (viable), + / - (early apoptotic), + / + (late apoptotic + necrotic) and - / + (necrotic). The data are mean \pm SD (N=3). No significant differences were detected (one-way ANOVA).

Table S1. Oligonucleotide primer sequences used for quantitative PCR.

Gene	Oligonucleotide primer sequence (5'-3')
CCNB2 (cyclin B2)	F:GTCGACCCTTGCCACTACAC; R:CCTAGAACCTTCTGAGACAAGCA
CCNE1 (cyclin E1)	F:CAGCCTTGGGACAATAATGC; R:GAGGCTTGCACGTTGAGTTT
CDK1 (cyclin-dependent kinase 1)	F:GGGTAGACACAAAACACTACAGGTCAA; R:GGAATCCTGCATAAGCACATC
CDK2 (cyclin-dependent kinase 2)	F:ACCTCCCCTGGATGAAGATG; R:AGATGGGGTACTGGCTTGGT
GADPH (glyceraldehyde 3-phosphate dehydrogenase)	F:ACACCCACTCCTCCACCTTT; R:TACTCCTTGGAGGCCATGTG