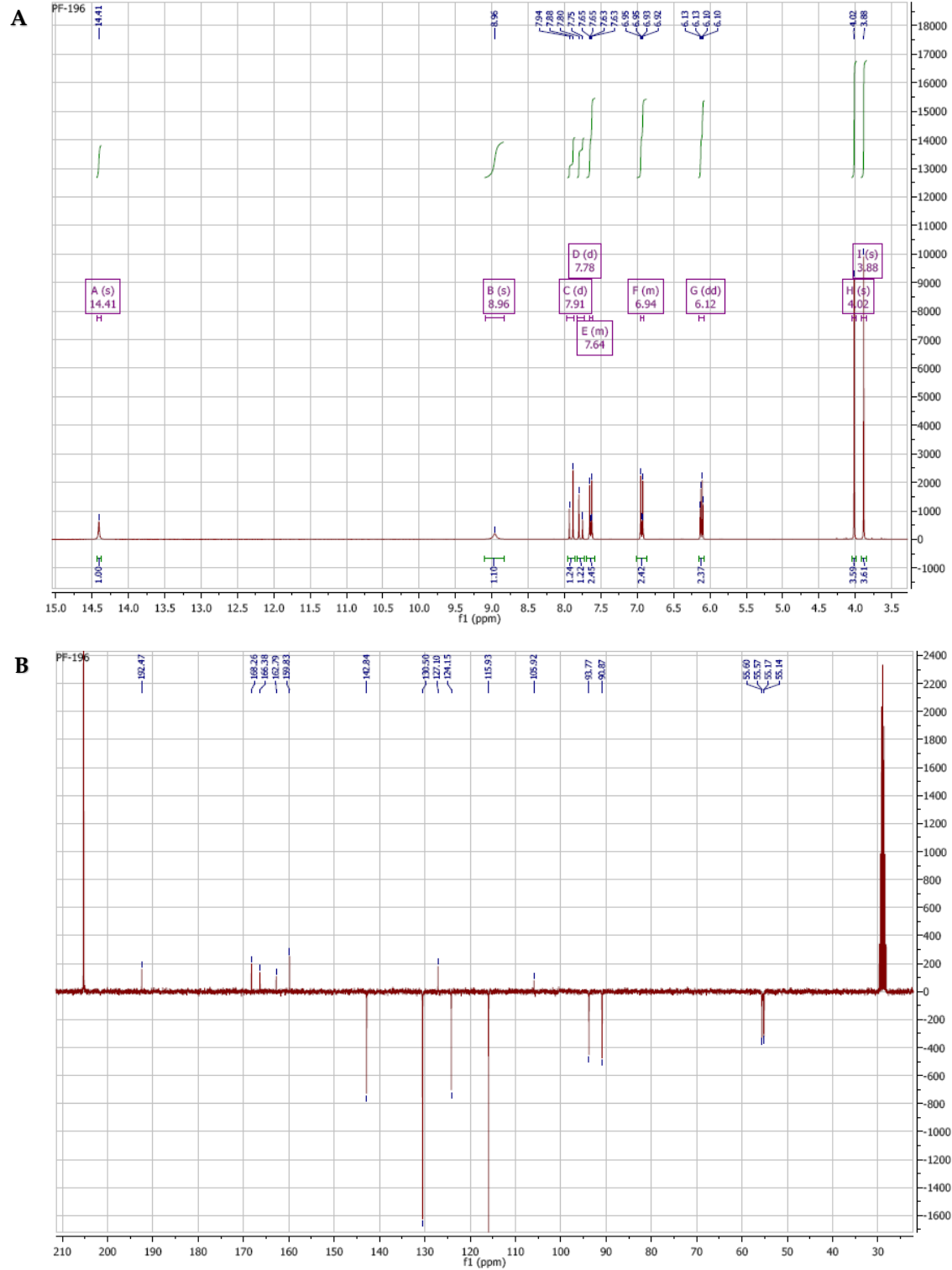


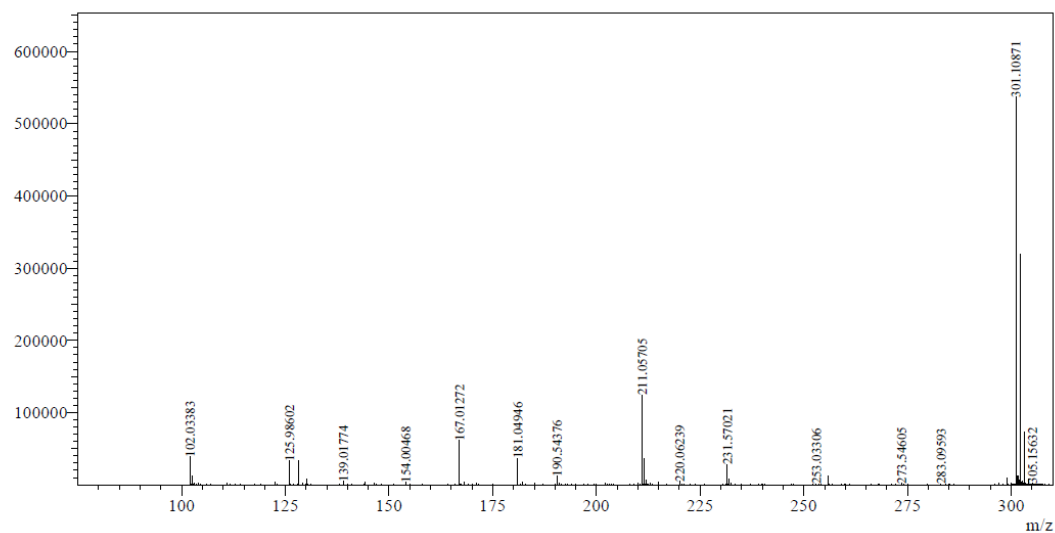
# SUPPLEMENTARY INFORMATION



**Figure S1:** Nuclear Magnetic Resonance Spectroscopy of 2'4-dihydroxi-4',6'-dimetoxichalcona: A.  $^1\text{H}$  NMR and B.  $^{13}\text{C}$  NMR spectrum.

# <Spectrum>

Line#:1 R.Time:---(Scan#:---)  
MassPeaks:20411  
RawMode:Averaged 0.533-0.913(321-549) BasePeak:655.1749(496287)  
BG Mode:None Segment 1 - Event 1



**Figure S2.** HPLC/QTOF analysis ESI positive ion mode of 2'-4-dihydroxy-4',6'-dimetoxichalcona [M+H]<sup>+</sup>: 301,10871.

ORIGINAL WESTERN BLOTS MCF-7

Figure 5

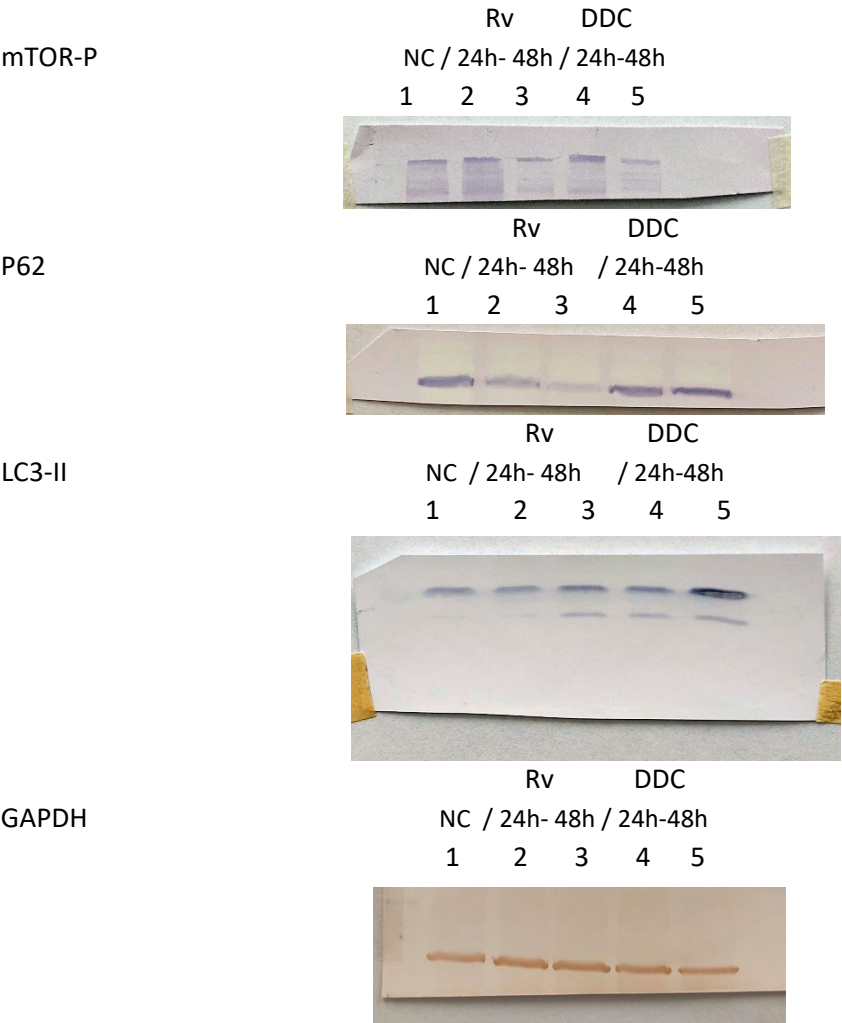
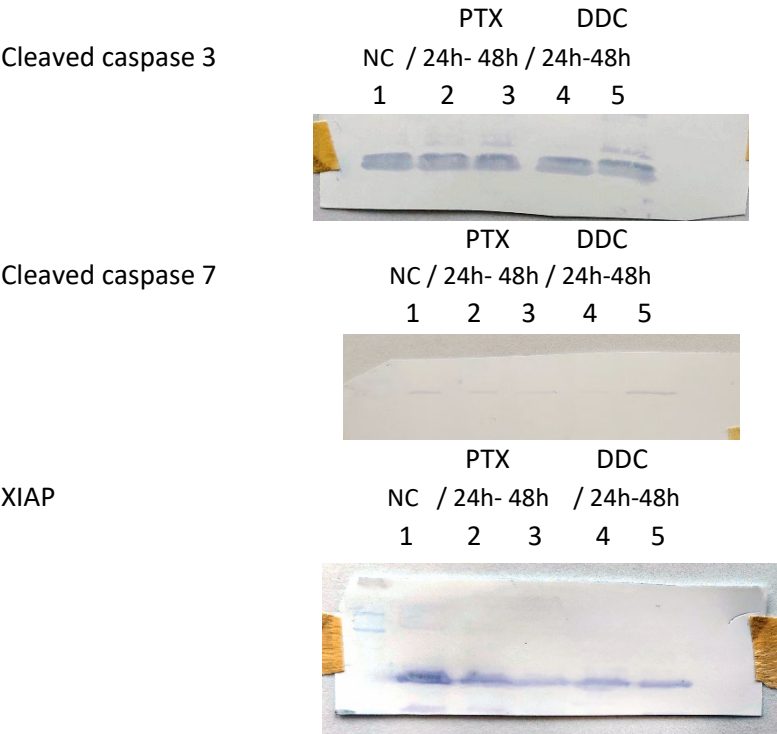


Figure 6



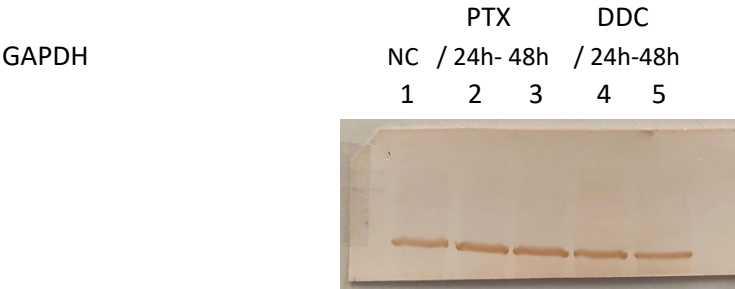
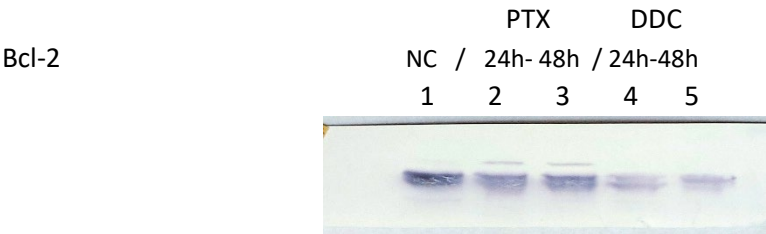
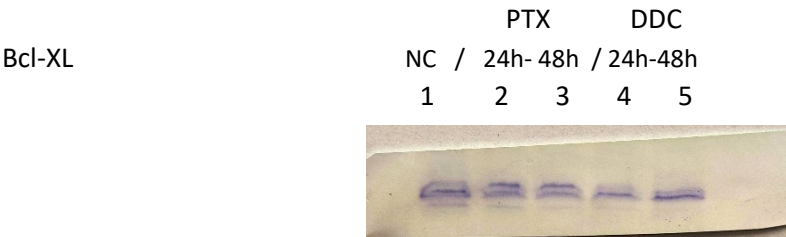
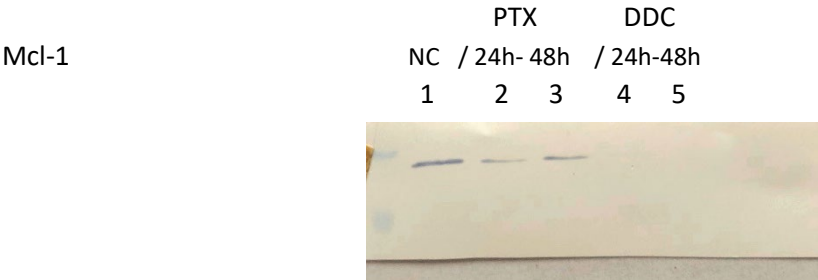
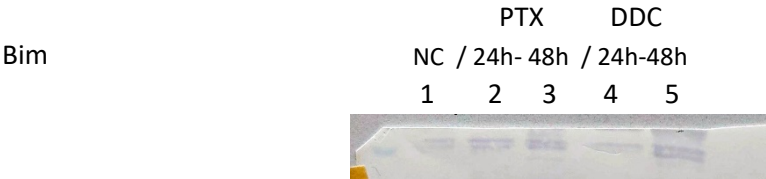
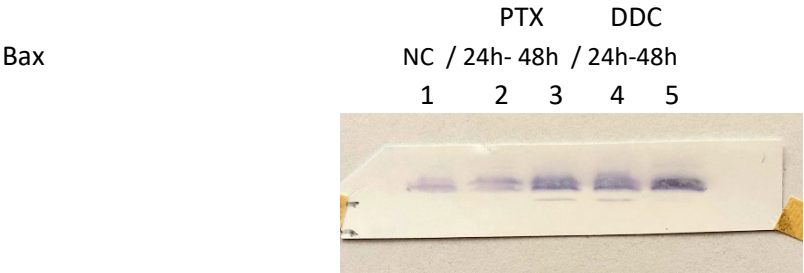
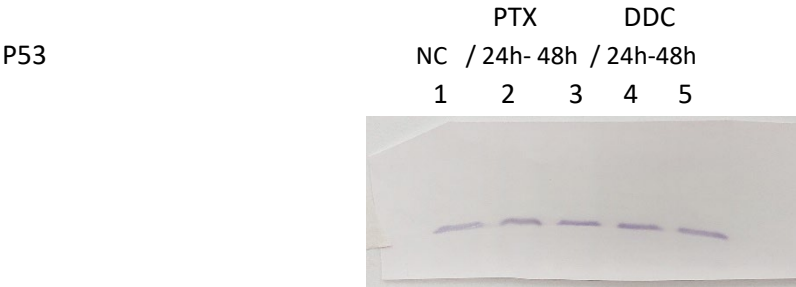
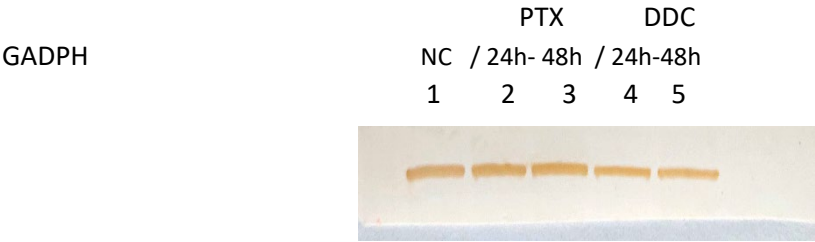


Figure 8





Original WESTERN BLOTS MDA-MB-231

Figure 5

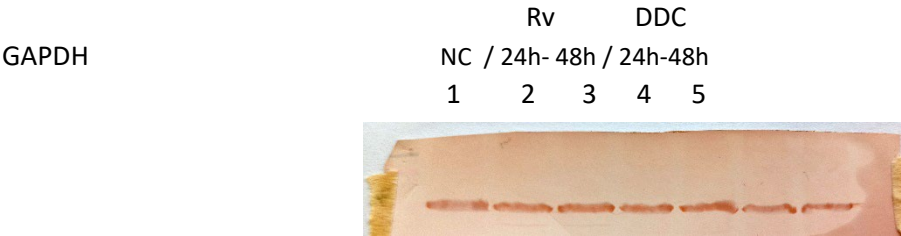
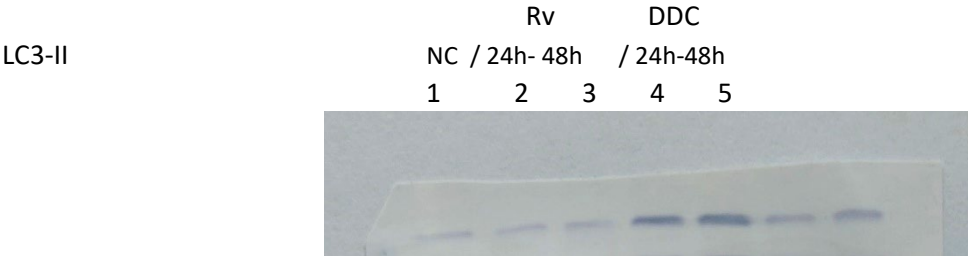
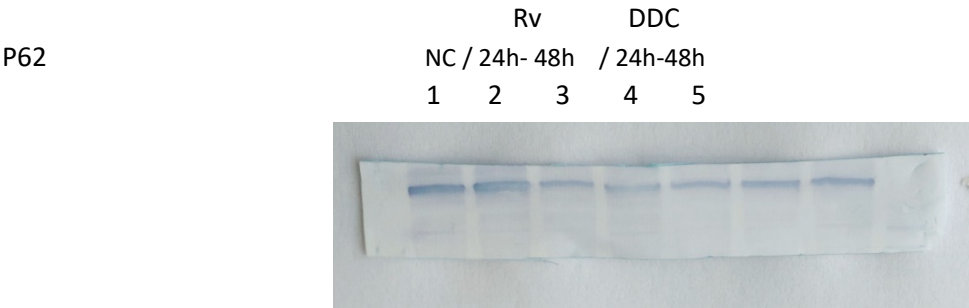
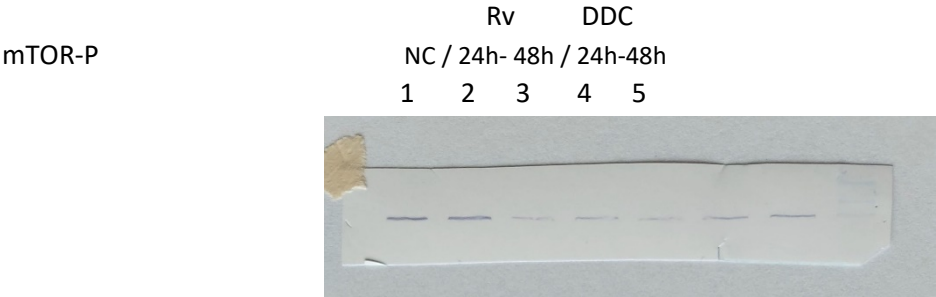
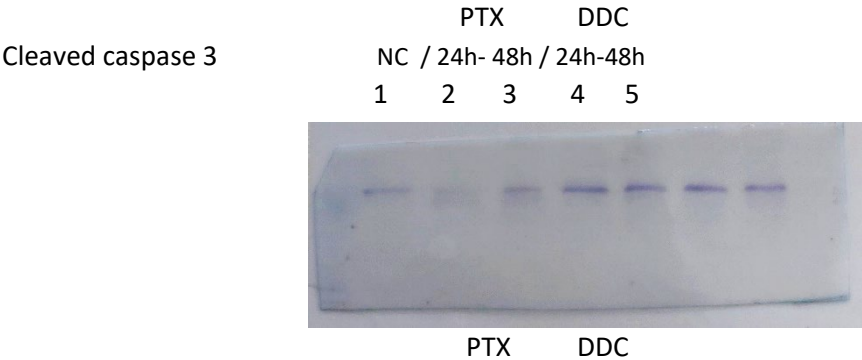


Figure 6



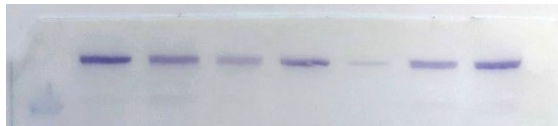
Cleaved caspase 7

NC / 24h- 48h / 24h-48h  
1 2 3 4 5



XIAP

PTX DDC  
NC / 24h- 48h / 24h-48h  
1 2 3 4 5



GAPDH

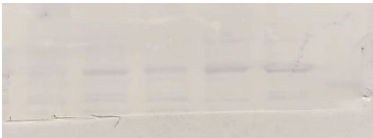
PTX DDC  
NC / 24h- 48h / 24h-48h  
1 2 3 4 5



Figure 8

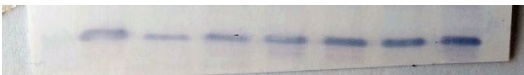
P53

PTX DDC  
NC / 24h- 48h / 24h-48h  
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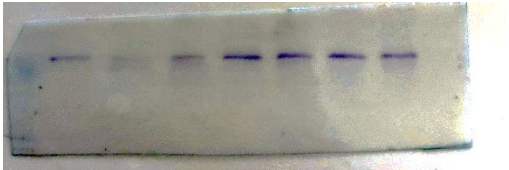
Bax

PTX DDC  
NC / 24h- 48h / 24h-48h  
1 2 3 4 5



Bim

PTX DDC  
NC / 24h- 48h / 24h-48h  
1 2 3 4 5



Mcl-1

PTX DDC  
NC / 24h- 48h / 24h-48h  
1 2 3 4 5

