

Figure S1 Structure of phomoxanthone A (PXA), adapted from Rönberg et al. 2013 (PMID 24295452).

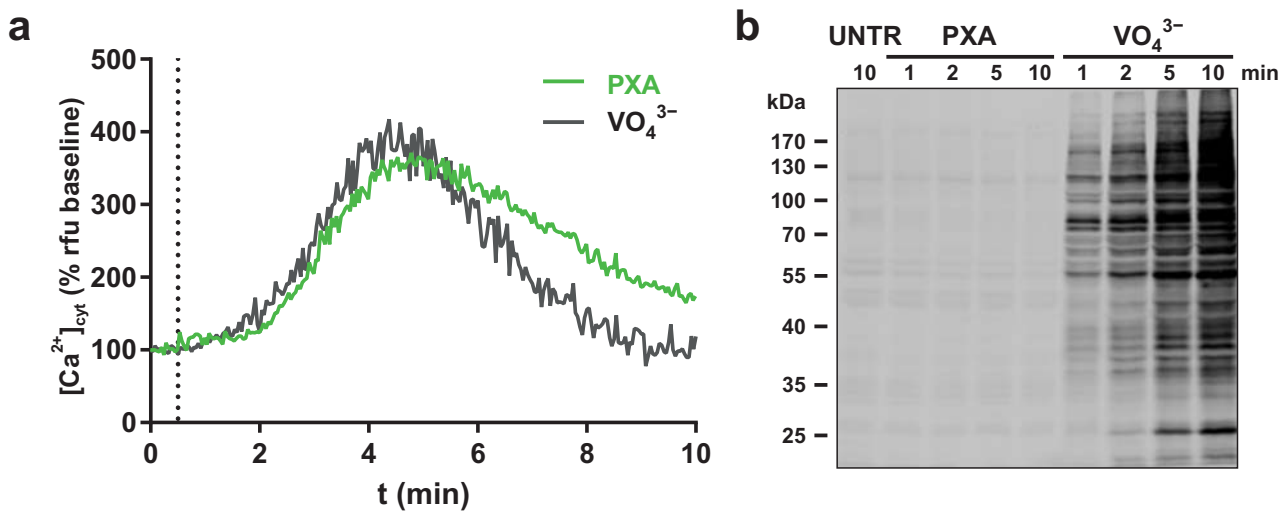


Figure S2 Comparison of PXA to the tyrosine phosphatase inhibitor pervanadate (VO₄³⁻). **(a)** Induction of Ca²⁺ release from intracellular stores in Ramos cells after treatment with either PXA (10 μM) or VO₄³⁻ (30 μM). PXA Ca²⁺ trace adapted from Figure 1. **(b)** Effect of PXA (10 μM) and VO₄³⁻ (30 μM) on tyrosine phosphorylation in Ramos cells as detected by immunoblotting. Untreated cells (UNTR) were used as control.

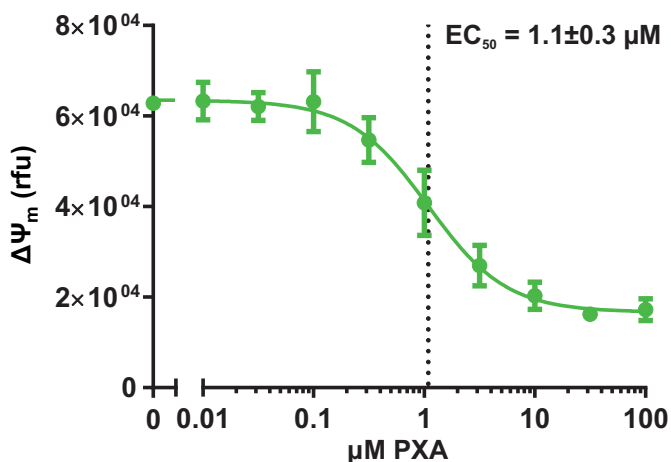


Figure S3 Titration of PXA to determine the EC₅₀ for mitochondrial depolarisation (indicated by the dotted line), using the ΔΨ_m-sensitive fluorescent probe TMRE. Measurement was performed by a microplate reader after 10 min of treatment. Data are the means of three independent experiments; error bars = SD.