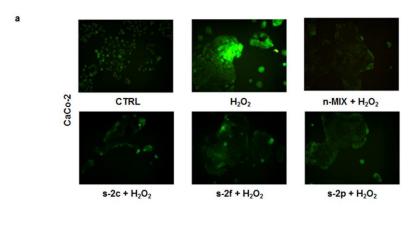
Electronic Supplementary Material (ESI) for Food & Function. This journal is © The Royal Society of Chemistry 2018



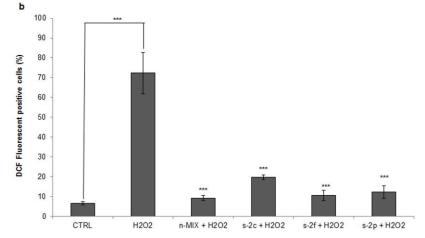


Fig 1 ESI. a) Representative images of DCFH-DA assay in CaCo-2 cells treated with natural and synthetic AVNs before H_2O_2 treatment. CTRL, untreated cells; H_2O_2 , cells treated with 1 mM H_2O_2 for 1h; n-MIX + H_2O_2 , cells treated with 110 μ M n-MIX for 24h and then with 1 mM H_2O_2 for 1h; s-2c + H_2O_2 , cells treated with 110 μ M s-2c for 24h and then with 1 mM H_2O_2 for 1h; AVN s-2f + H_2O_2 , cells treated with 110 μ M s-2f for 24h and then with 1 mM H_2O_2 for 1h; s-2p + H_2O_2 , cells treated with 110 μ M s-2p for 24h and then with 1 mM H_2O_2 for 1h. **b)** Three fields per sample were analyzed and each time at least 100 cells were counted; two independent experiments were performed (n = 6) and results were expressed as % DCF fluorescent positive cells versus control; ****p < 0.001.