

Supplementary Material

Figure S1. Effect of POE on Caco-2 cells viability. Caco-2 cells were incubated in the absence (Control cells) or in the presence of increasing concentrations of POE (5–40 μg GAE/mL). Results are represented as mean \pm SD of 5 determinations carried out in triplicate.

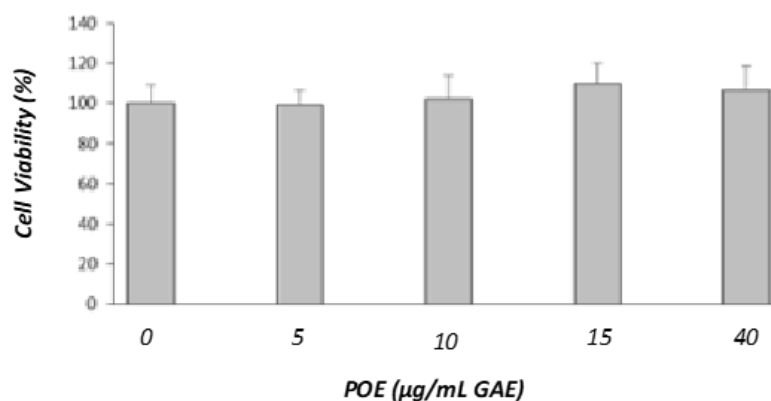


Figure S2. Effect of POE on HG-induced intracellular ROS formation. Intracellular ROS production was evaluated in Caco-2 cells incubated in the absence (Control cells) or in the presence of high-glucose condition (HG-cells) for 1 week and co-incubated with POE (0–40 μg GAE/mL), for the last 24h. Values are represented as mean \pm SD of 4 determinations carried out in triplicate. ***Ctrl vs HG, *** HG vs HG+POE. (ANOVA, ***, $p < 0.001$)

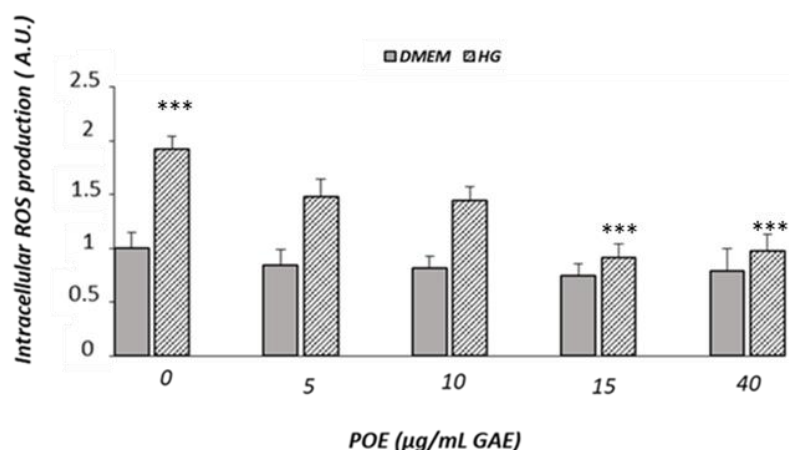


Figure S3. Effect of POE on HG-induced cell toxicity. Caco-2 cells incubated in the absence (Control cells) or in the presence of high-glucose condition (HG-cells) for 1 week and co-incubated with POE (15 μ g GAE/mL). Results are represented as mean \pm SD of 5 determinations carried out in triplicate. *: vs Control ($p < 0.05$)

