Supplemental figure 1. Effect of flavonols on the TCDD-induced expression of CYP1A1 in HepG2 cells. HepG2 cells were treated with 30 µM kaempferol, quercetin and myricetin for 10 min. The cells were then exposed to 1 nM TCDD or DMSO alone as a vehicle control for another 24 h in the presence of kaempferol, quercetin and myricetin. Cell lysates were prepared and used for measurement of the protein expression of CYP1A1 and β-actin by Western blotting analysis using the respective antibodies. Typical representative data are shown from three independent experiments. The densitometric analysis of specific bands is also shown after normalization by β-actin expression, and the value for TCDD alone was set to 1. The results represent the mean ± SD (n = 3). Asterisks indicate a significant difference compared with the value for TCDD alone by Dunnett’s test ($p < 0.05$).