On the Role of the Carboxyl Group to the Protective Effect of *o*-dihydroxybenzoic Acids to *Saccharomyces cerevisiae* Cells upon Induced Oxidative Stress

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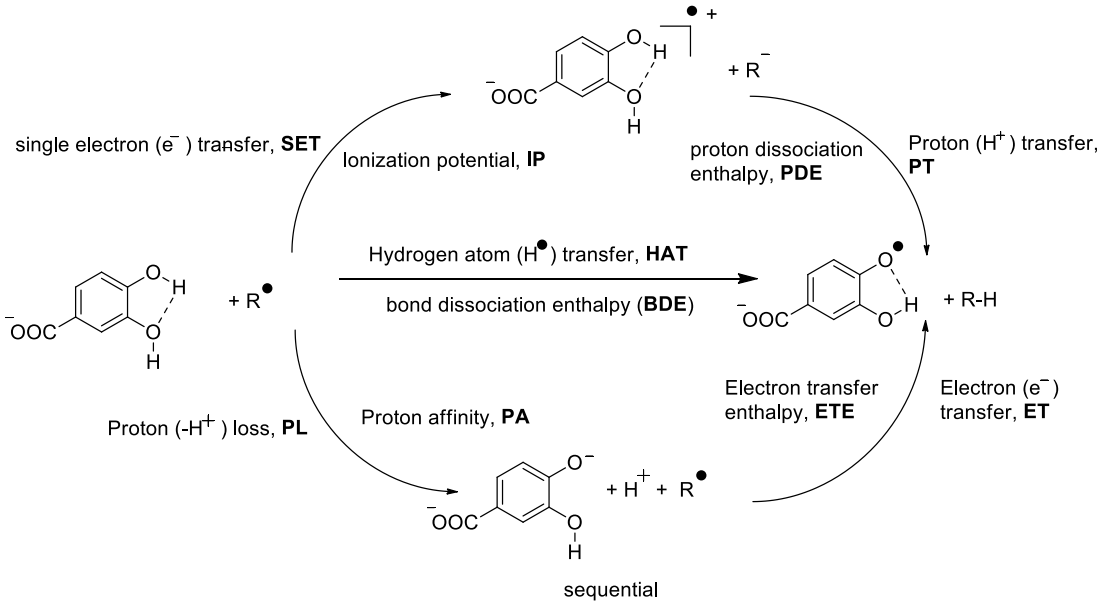
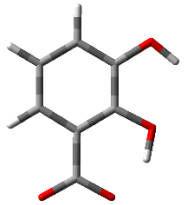
Supplementary material

Figure S1: Thermodynamic parameters characterizing the 3,4-diOH-BA scavenging of free radicals according to hydrogen atom transfer (HAT), single-electron transfer–proton transfer (SET-PT) and sequential proton loss electron transfer (SPLET)

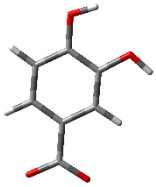


For formula calculation of the thermodynamic parameters see sector 2.10 of the manuscript

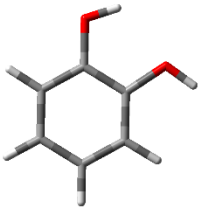
Figure S2: Optimized structures of the most stable conformers of tested compounds at B3LYP/6-31+G(d,p) level of theory (aqueous phase)



2,3-diOH-BA

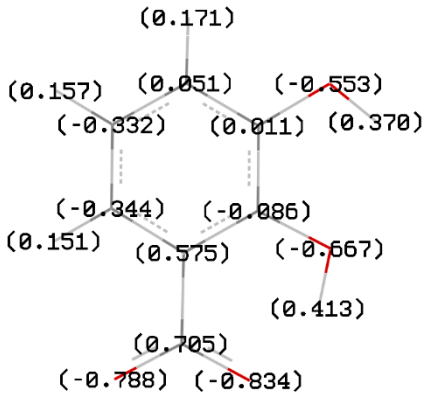


3,4-diOH-BA

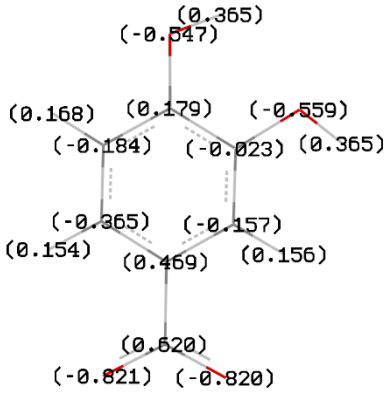


3,4-diOH-B

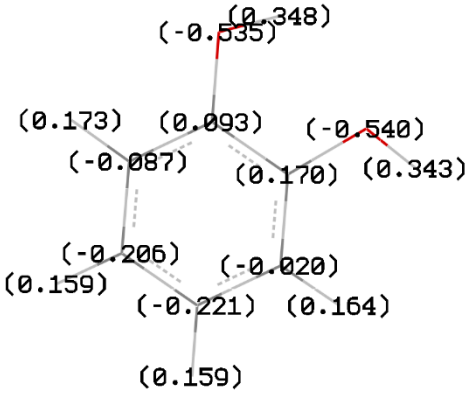
Figure S3: Computed atomic charge values in the tested compounds at B3LYP/6-31+G(d,p)//B3LYP/6-311++(2d,2p) level of theory (aqueous phase)



2,3-diOH-BA



3,4-diOH-BA



3,4-diOH-B