No.
→Benzoic acid→→3.8→1.6\{}times10^{10}→p.r.; Calcd. from \{}mathrm{p}K(\{}ce{C6H5CO2H}) = 4.19 and $k_{\{}mathrm{obs.}} = 1.33\{}times10^{10}$ assuming $k(\{}ce{e_$