Electronic Supplementary Material (ESI) for Photochemical & Photobiological Sciences

ELECTRONIC SUPPLEMENTARY INFORMATION

PHOTOCHEMICAL AND PHOTOSENSITISED REACTIONS INVOLVING 1-NITRONAPHTHALENE AND NITRITE IN AQUEOUS SOLUTION

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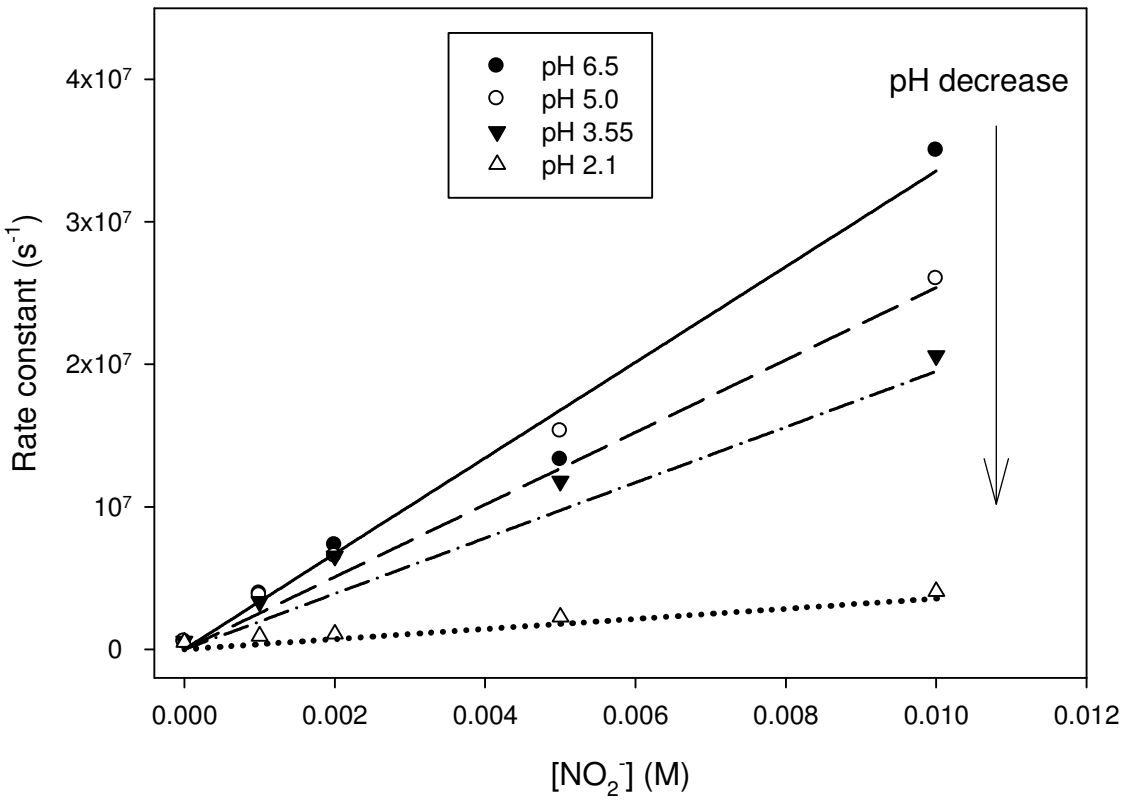

Figure ESI1. Pseudofirst order decay of ^{3}1NN (at 620 nm) in the presence of different nitrite anions concentration at different pHs: 6.5 (filled circle), 5.0 (empty circles), 3.55 (filled triangles) and 2.1 (empty triangles).

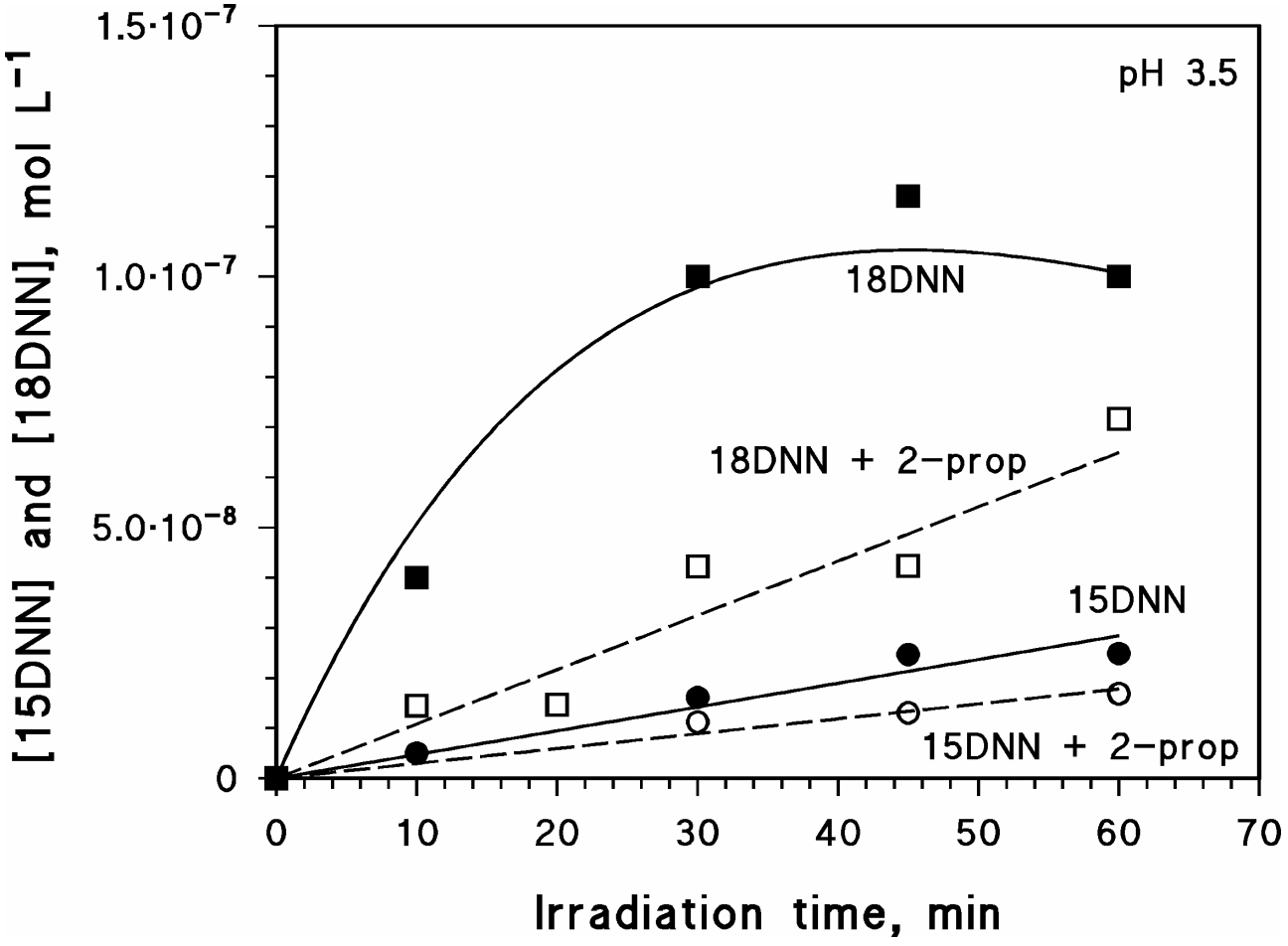

Figure ESI2. Time trend of 15DNN and 18DNN upon UVA irradiation of 0.1 mM 1NN + 1 mM $NaNO_2$, with and without 0.1 M 2-propanol. pH 3.5, adjusted with $HClO_4$.

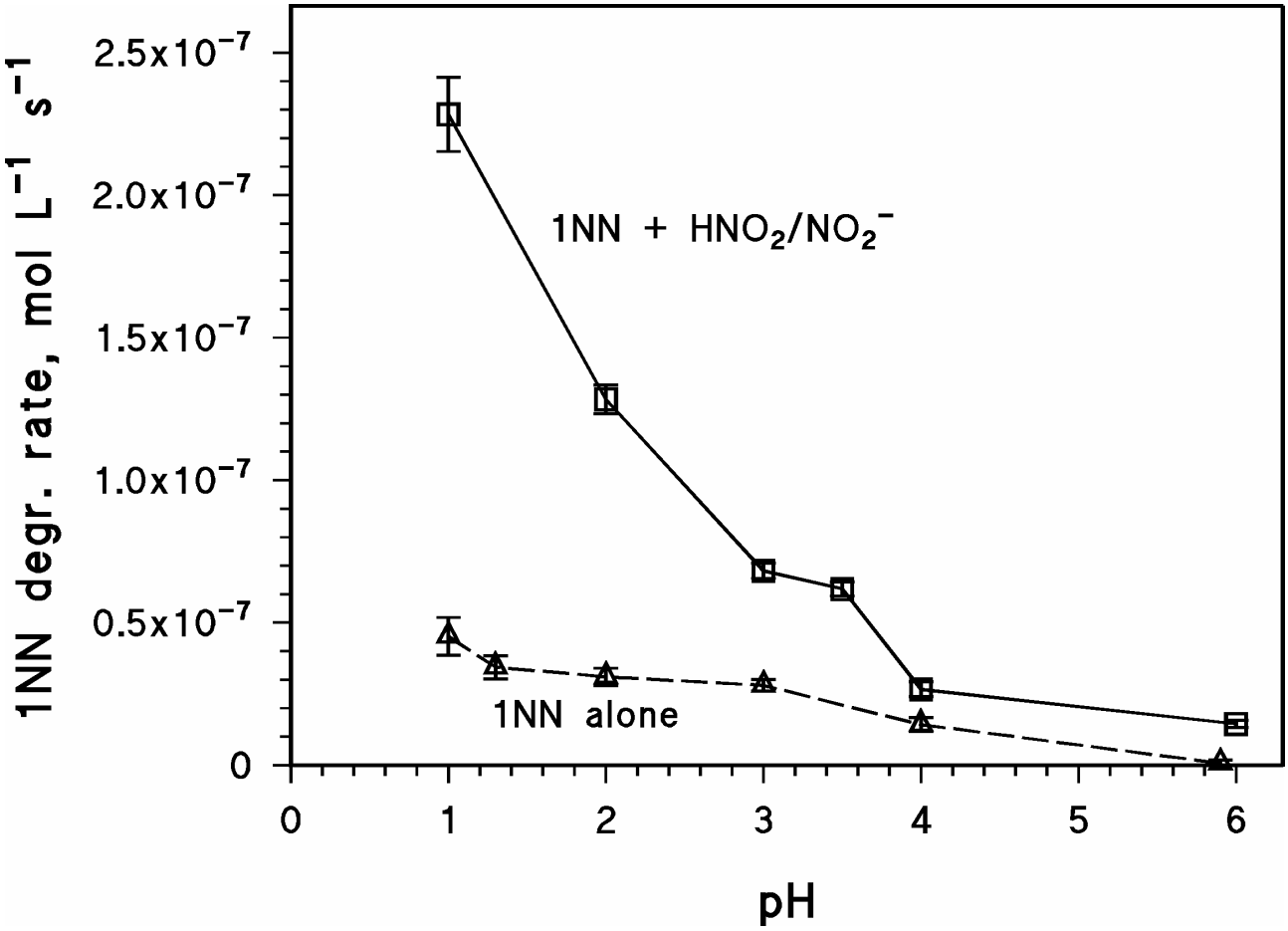

Figure ESI3. Initial transformation rates of 0.1 mM 1NN irradiated under the TL K05 lamp, alone and in the presence of 1 mM $NaNO_2$. The solution pH was adjusted with $HClO_4$.

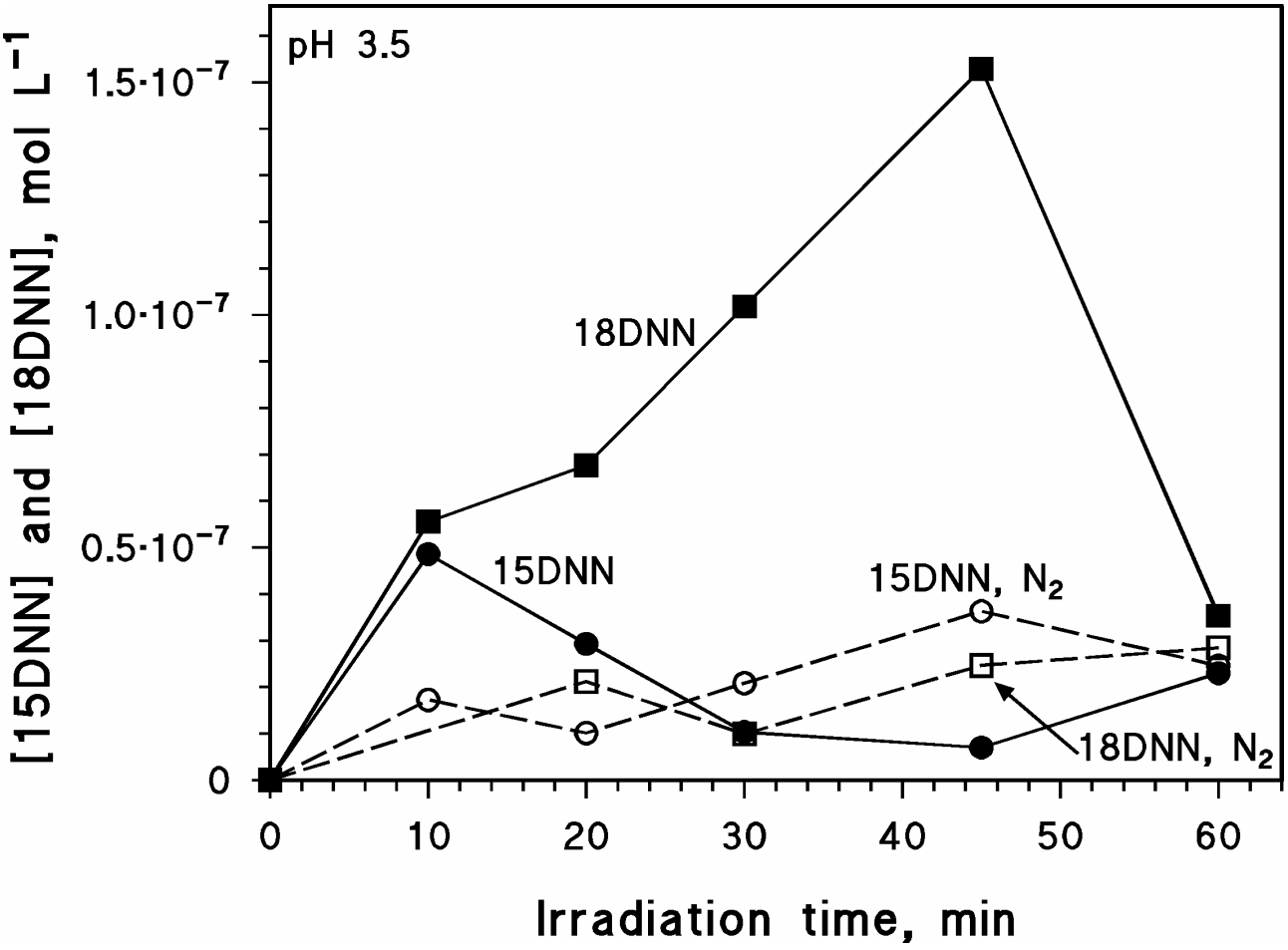

Figure ESI4. Time evolution of 15DNN and 18DNN upon UVA irradiation of 0.1 mM 1NN + 1 mM $NaNO_2$, in aerated solution and under N_2 atmosphere. pH 3.5, adjusted with $HClO_4$.