

Supplementary Material belonging to the manuscript Dalton Transaction:

Mechanistic implications of the active species involved in the oxidation of hydrocarbons by iron complexes of pyrazine-2-carboxylic acid

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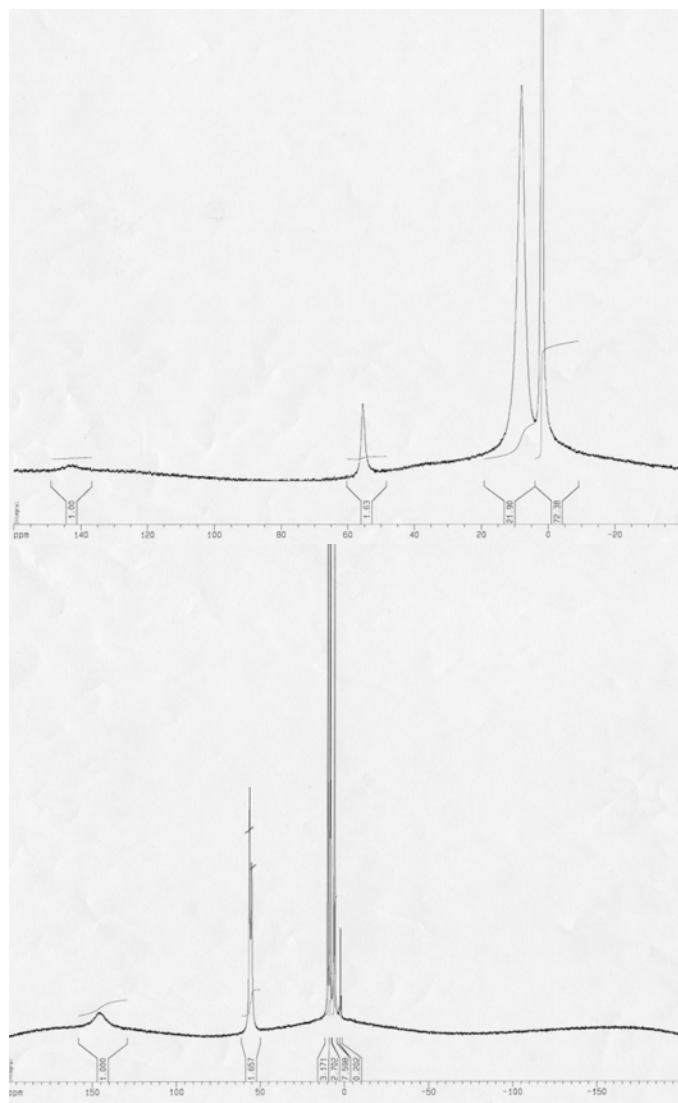


Figure S1. ¹H NMR spectra of **1** in acetonitrile (top) and pyridine (bottom).

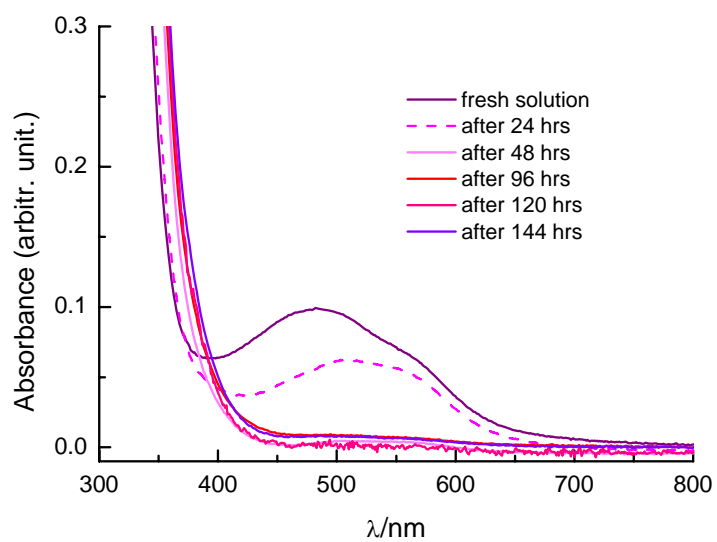


Figure S2. Time evolution of the UV-Vis spectrum of **1** in acetonitrile.

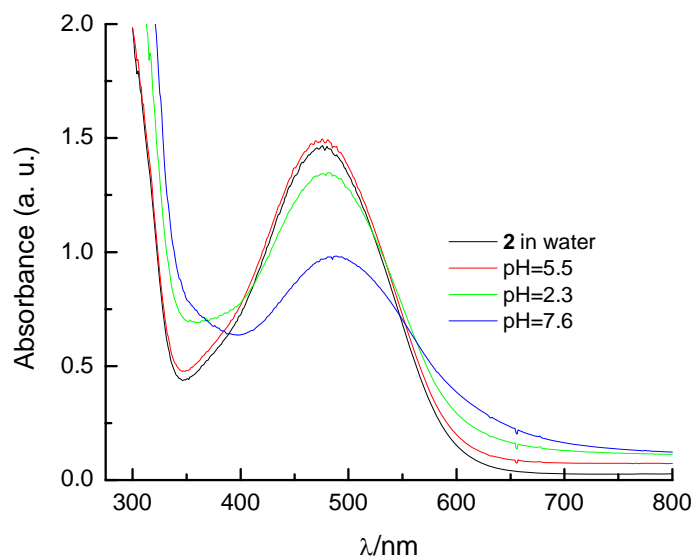


Figure S3. UV-Vis spectra of **2** in water in acidic and basic conditions.

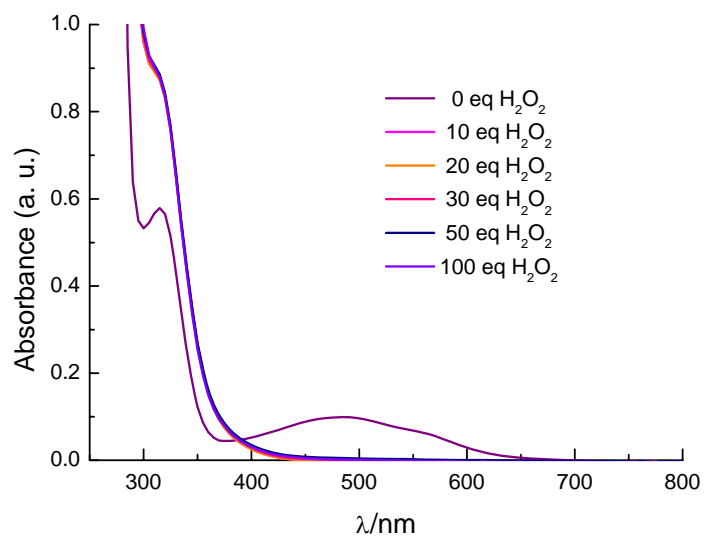


Figure S4. Changes in the UV-Vis spectrum of **1** in acetonitrile upon addition of H_2O_2 .

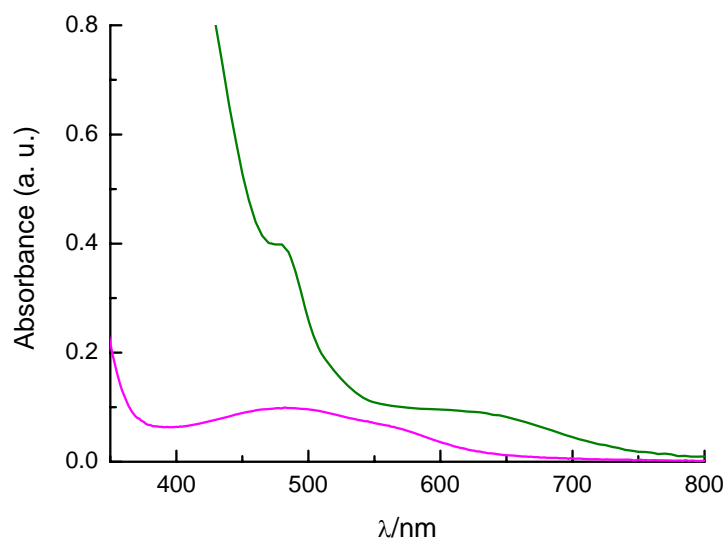


Figure S5. UV-Vis spectra of **1** in acetone (purple) in the presence of 100 eq. H_2O_2 (green).

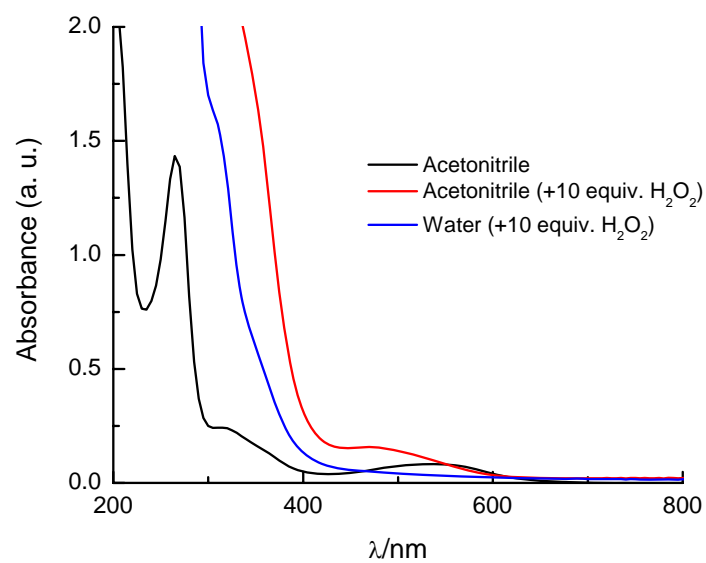


Figure S6. UV-Vis spectra of **2** in acetonitrile and water in presence of 10 equiv. of H₂O₂.