

Electronic Supplementary Information (ESI)

"A mechanistic study of the photodegradation of Herbicide 2,4,5-Trichlorophenoxyacetic Acid in Aqueous Solution"

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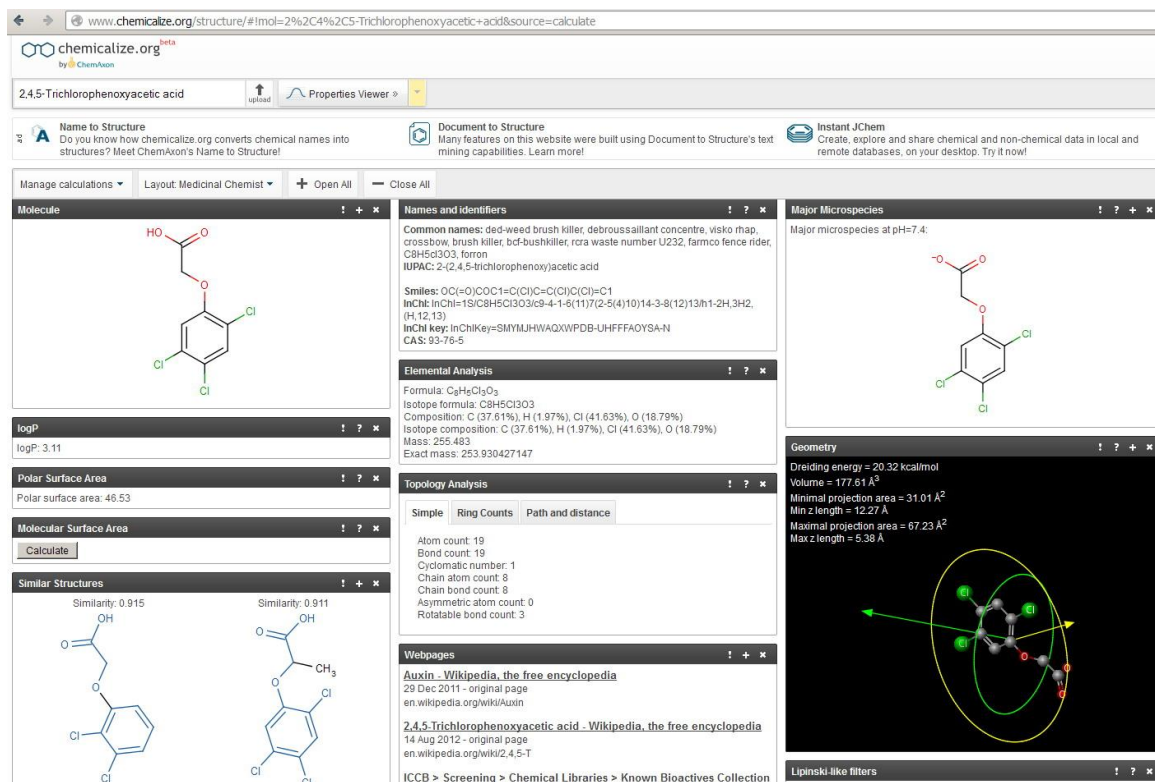


Figure S1. Estimation of 2,4,5-T diameter

<http://www.chemicalize.org/structure/#!mol=2%2C4%2C5-Trichlorophenoxyacetic+acid&source=calculate>

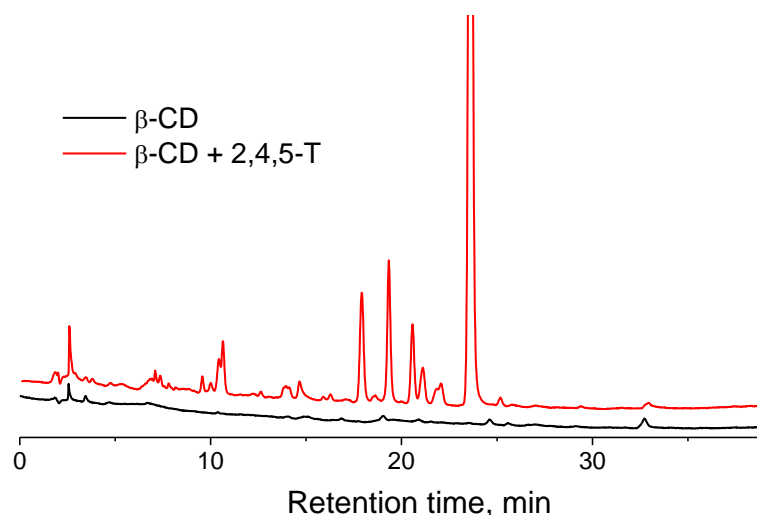


Figure S2. HPLC chromatograms of β -CD and β -CD + 2,4,5-T after 14 hours of photolysis at 254 nm in air-equilibrated aqueous solution (UV detector wavelength: 280 nm). $[2,4,5-T] = 8 \times 10^{-4}$ M, $[\beta\text{-CD}] = 5 \times 10^{-3}$ M, pH 9.

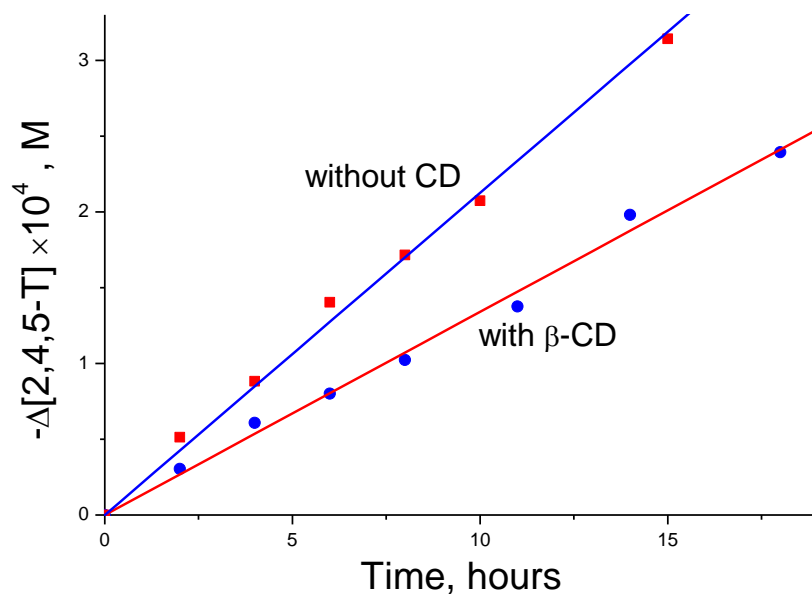


Figure S3. Dependence of 2,4,5-T photodegradation on irradiation time with and without β -CD.