

A tri(potassium sulfonate) derivative of perchlorotriphenylmethyl radical (PTM) as a stable water soluble radical-scavenger of the hydroxyl radical more powerful than 5,5-dimethyl-1-pyrroline-N-oxide

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SUPPLEMENTARY MATERIAL

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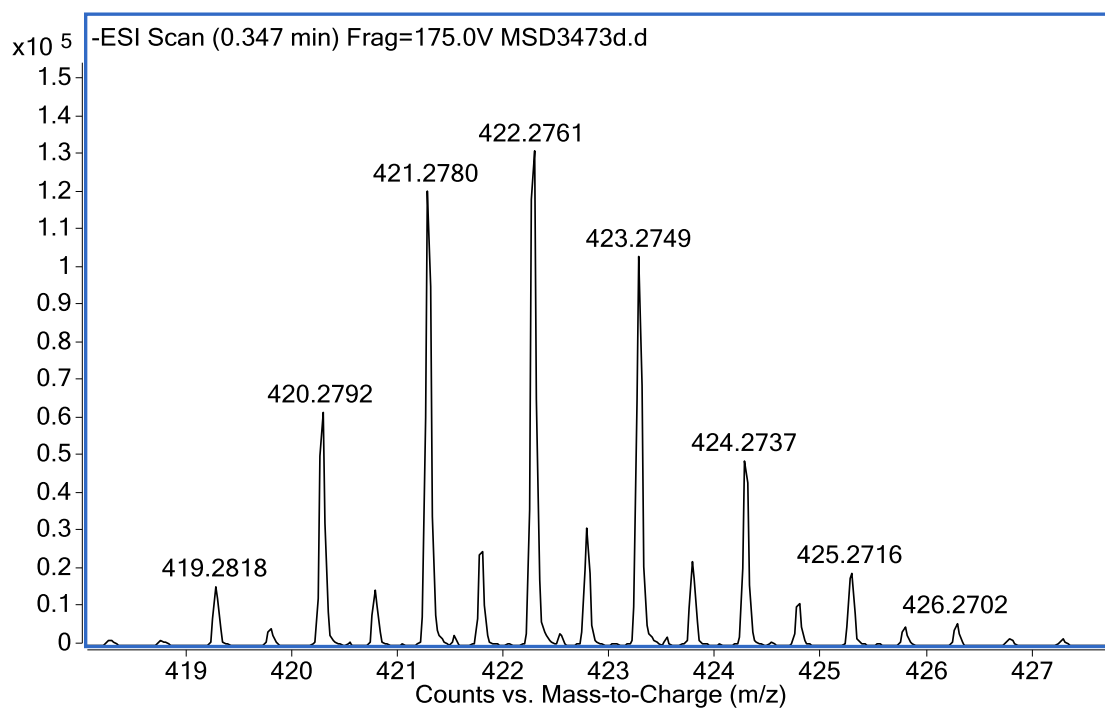


Figure S1. HRMS-ESI (-) spectrum of 4-methoxy derived radical **4**

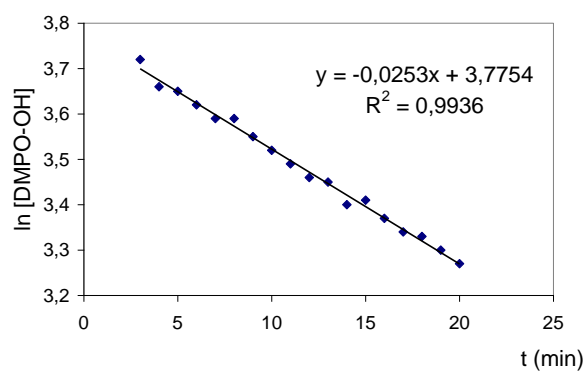


Figure S2. Estimation of the first order kinetics of the stability of the radical adduct DMPO-OH

4-[Bis(2,3,5,6-tetrachloro-4-hydroxysulphonylphenyl)methylene]-2,3,5,6-tetrachlorocyclohexadien-1-one (2)

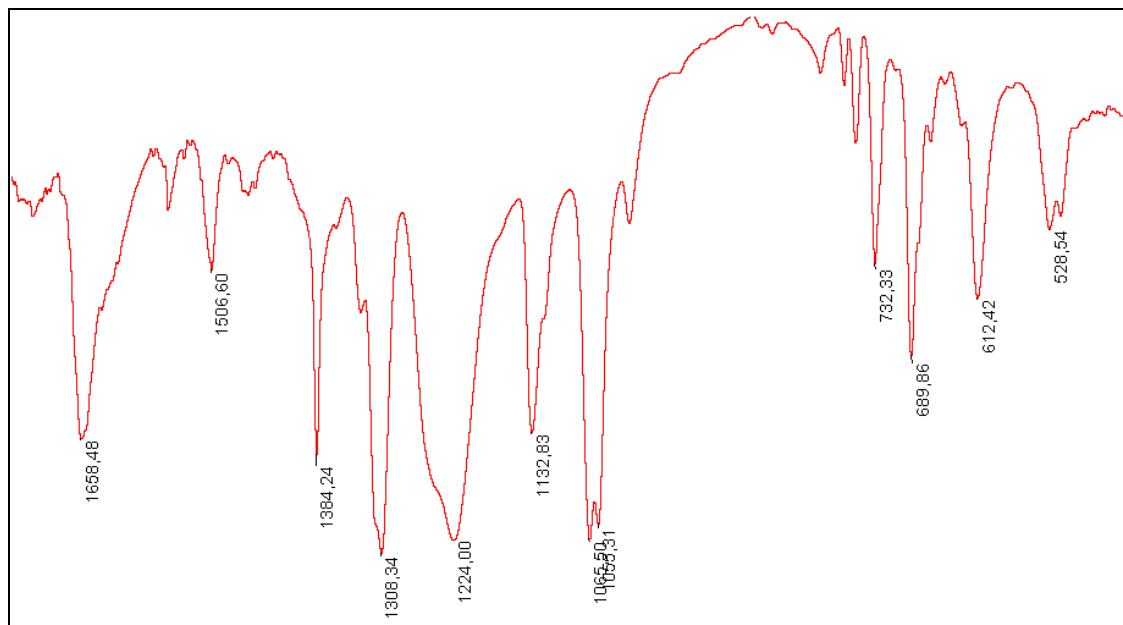


Figure S3. Infrared spectrum of **2**

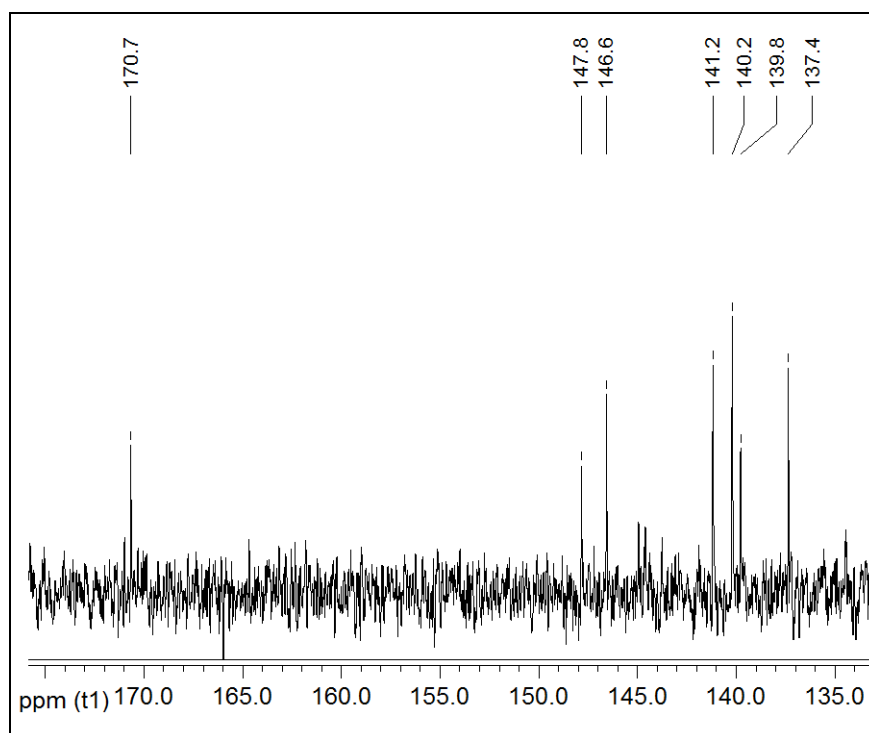


Figure S4. ¹³C NMR (CD₃OD, 400 MHz) spectrum of **2**

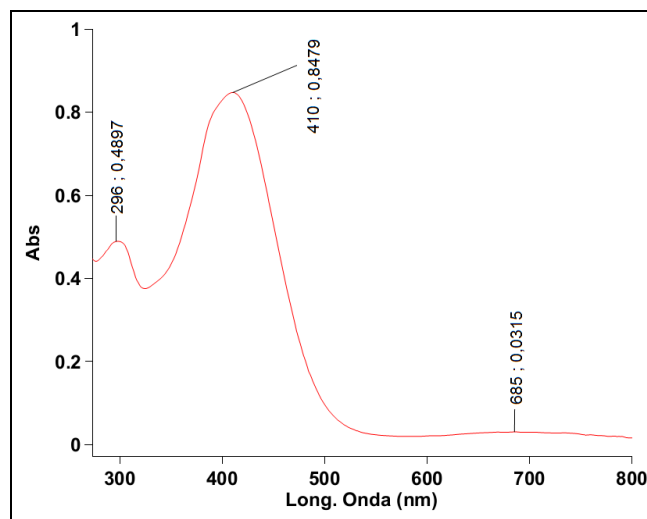


Figure S5. UV-vis (H₂O) spectrum of **2**

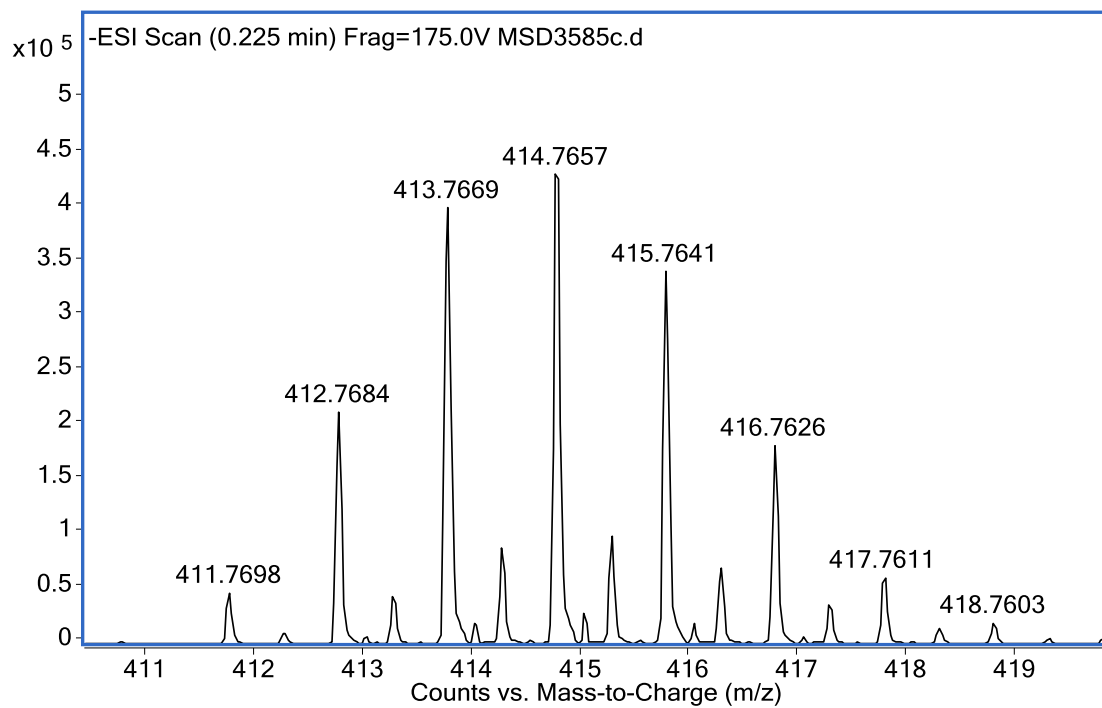


Figure S6. HRMS-ESI (-) spectrum of **2**