

Supporting Material Information

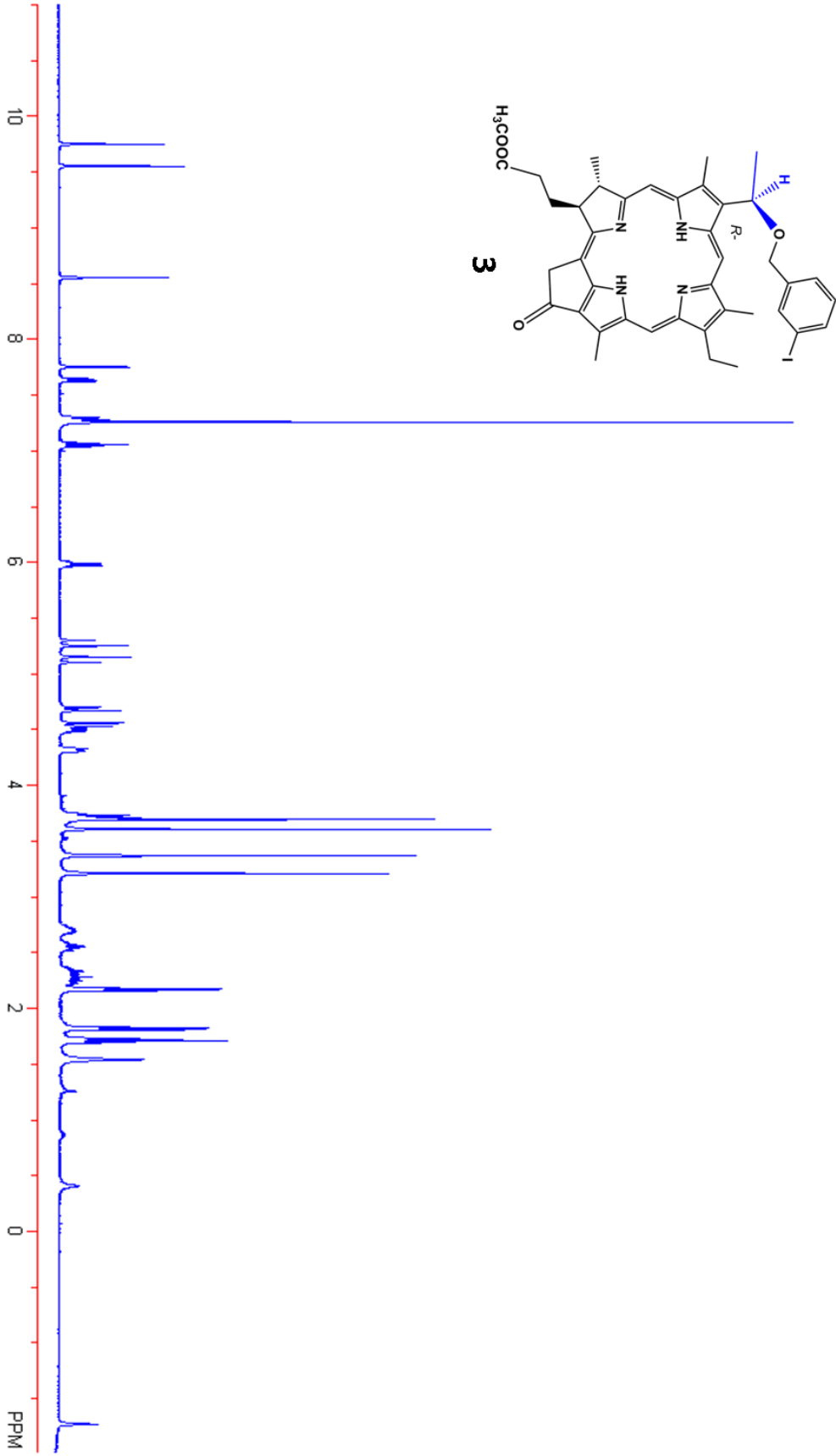
Effect of chirality on cellular uptake, imaging and photodynamic therapy of photosensitizers derived from chlorophyll-a

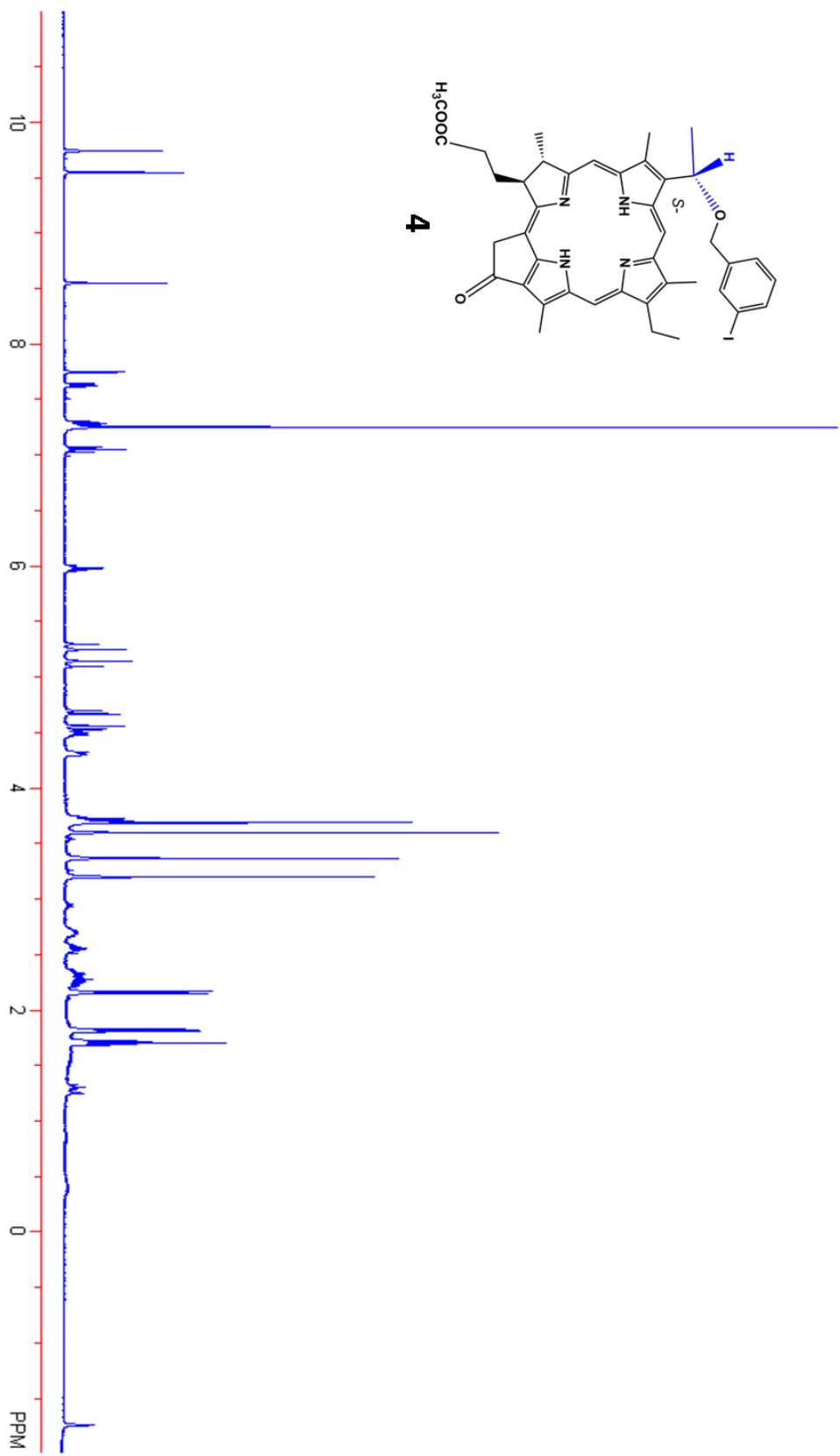
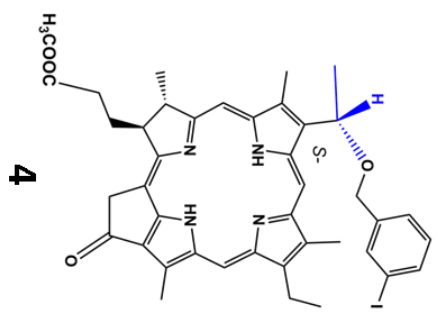
Avinash Srivatsan¹, Paula Pera² Penny Joshi², Yanfang Wang², Joseph R. Missert², Erin C. Tracy³, Walter A. Tabaczynski⁴, Rutao Yao⁵, Munawwar Sajjad⁵
Heinz Baumann³ and Ravindra K. Pandey^{1,2}

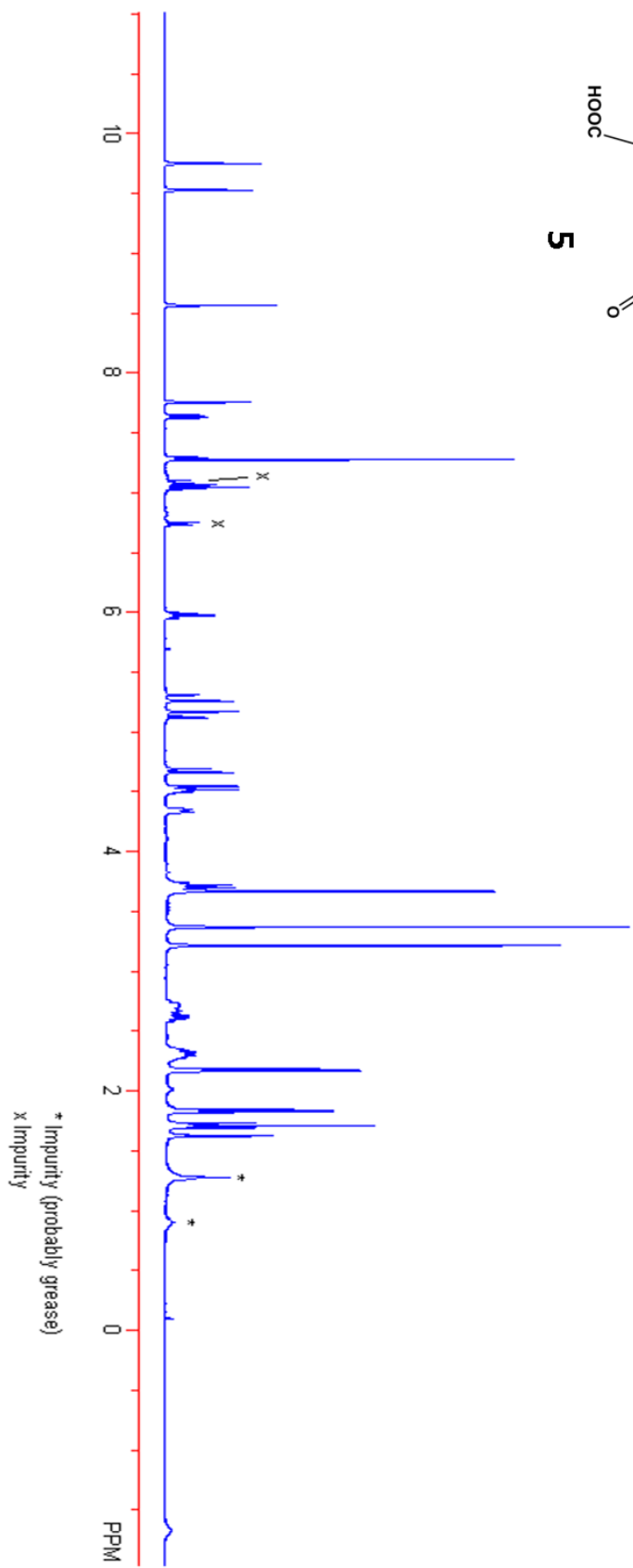
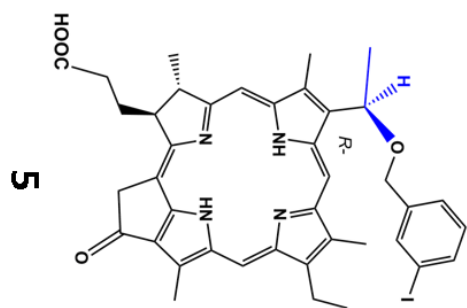
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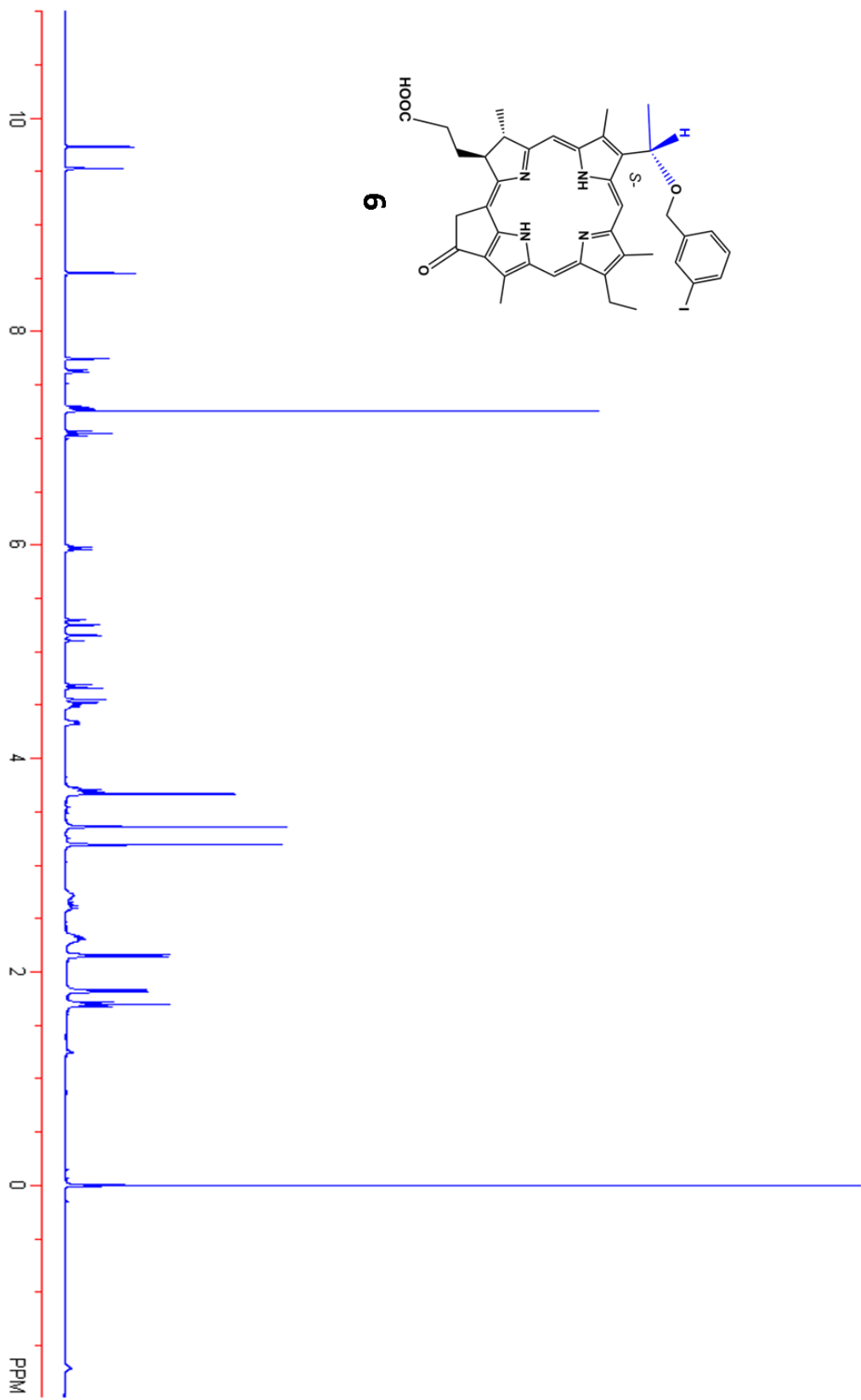
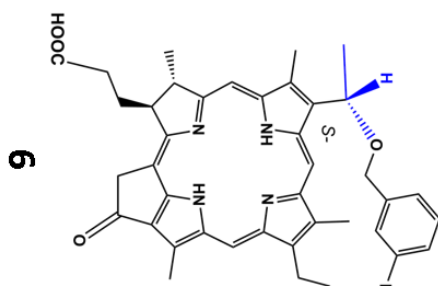
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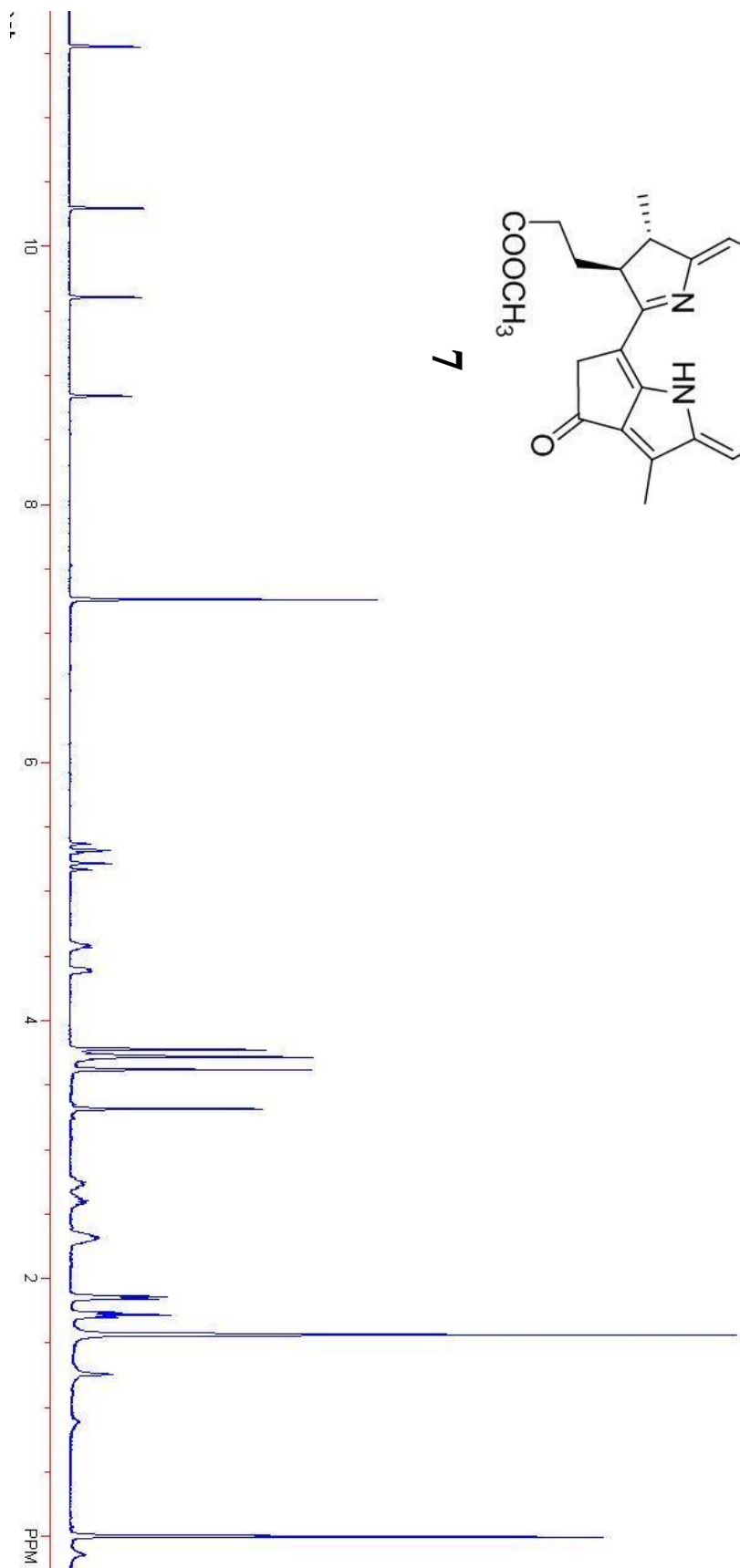
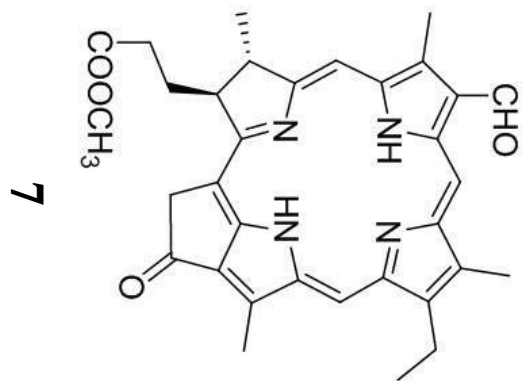
- S2. ¹H NMR spectrum of compound 3
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- S18. ¹H sub-spectra of compounds 2, 3, 4, and 9
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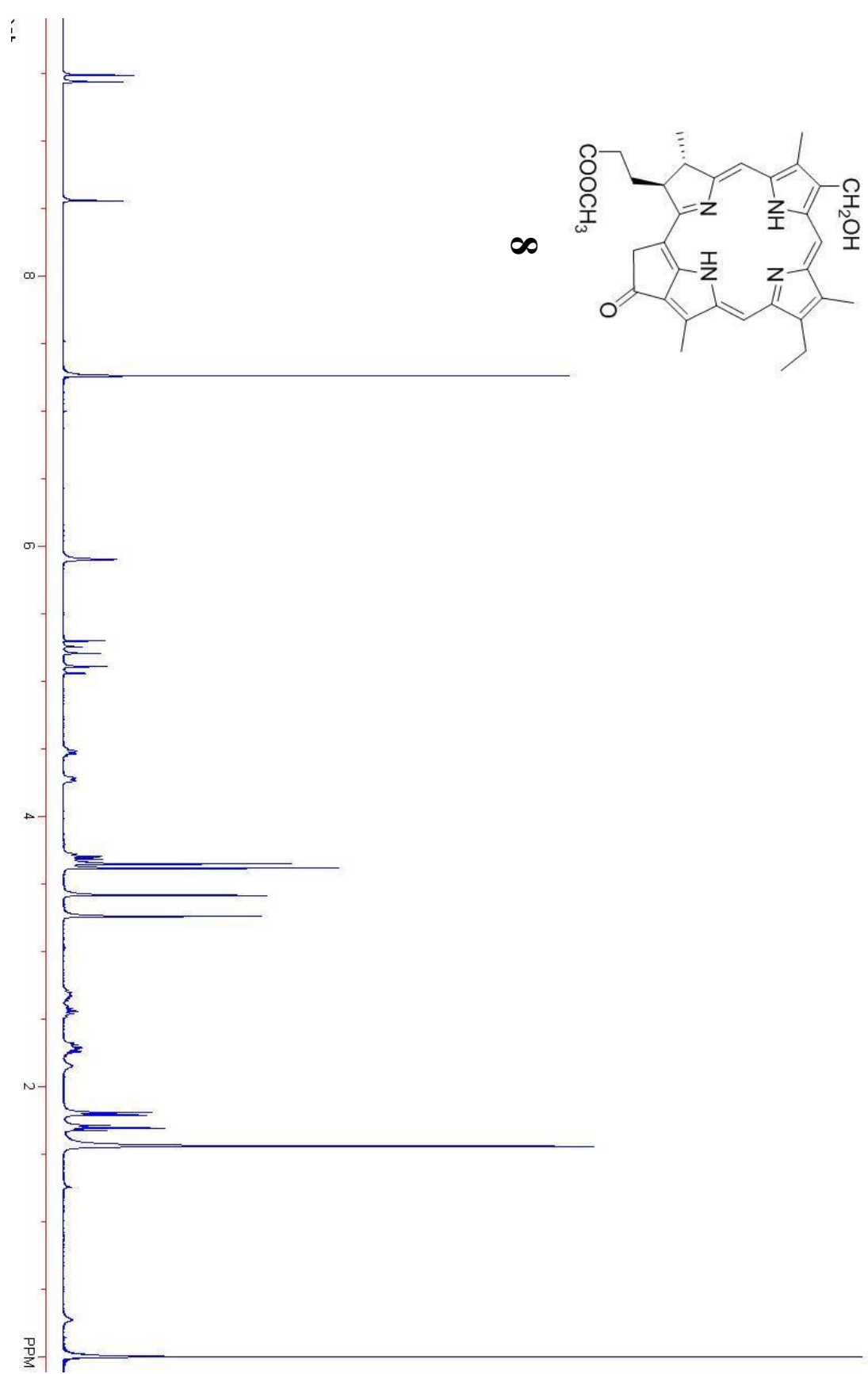
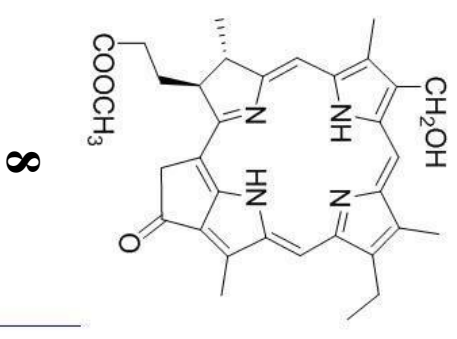


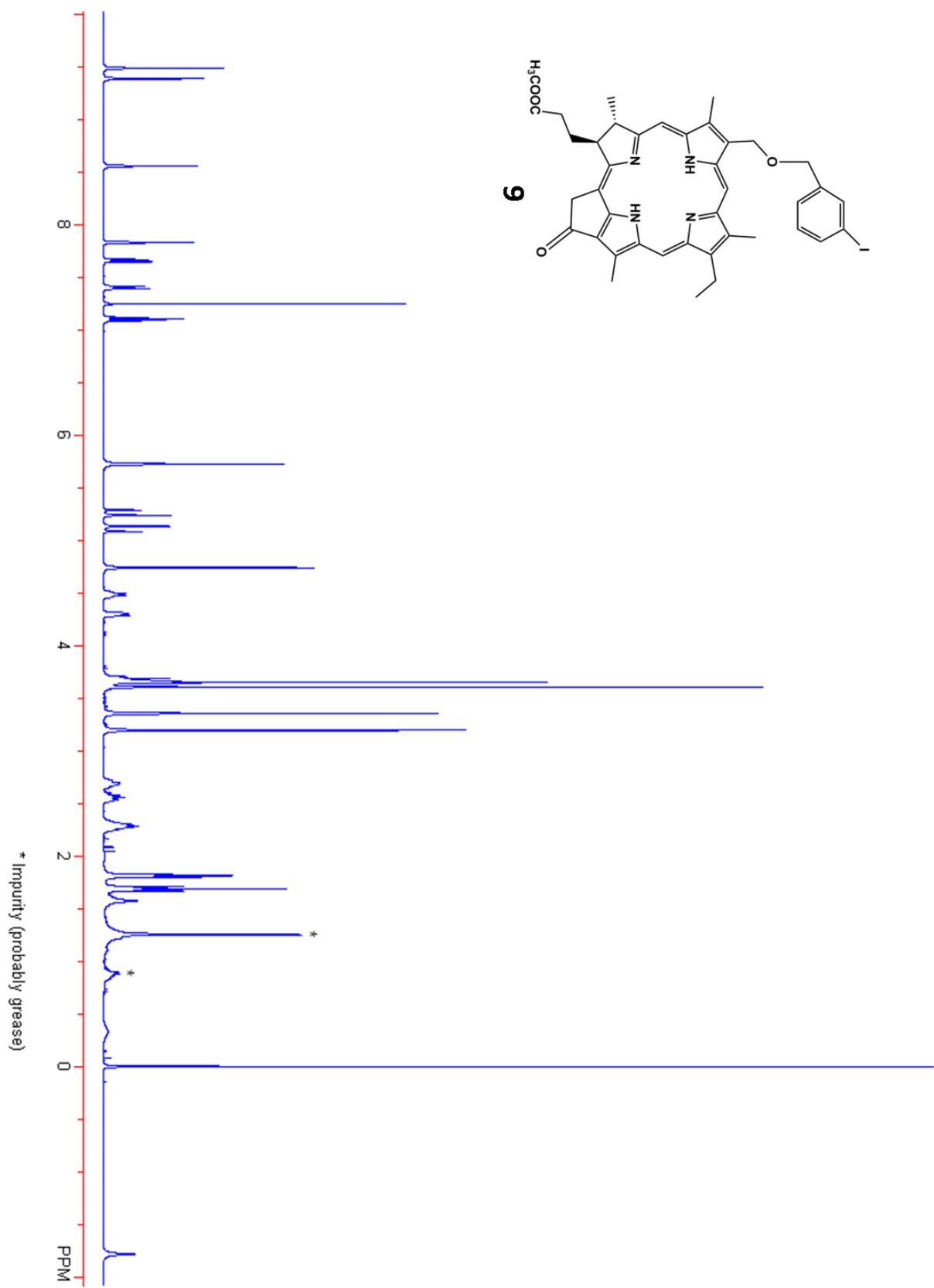
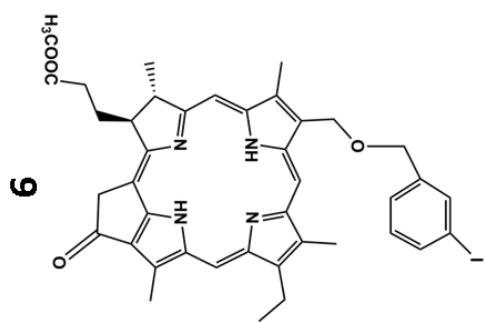


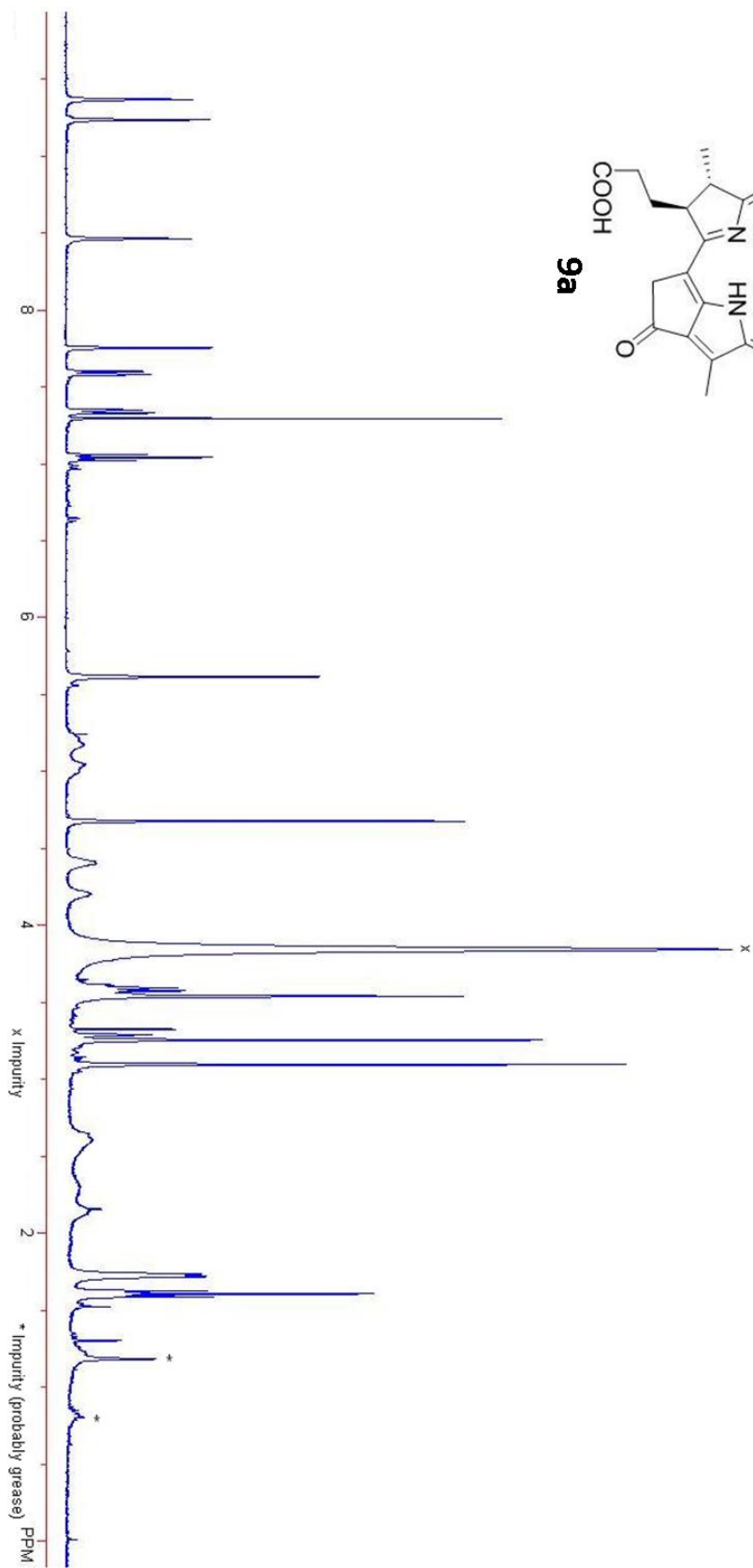
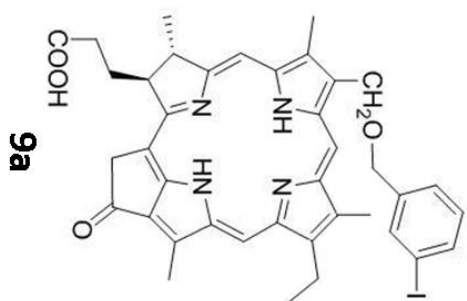


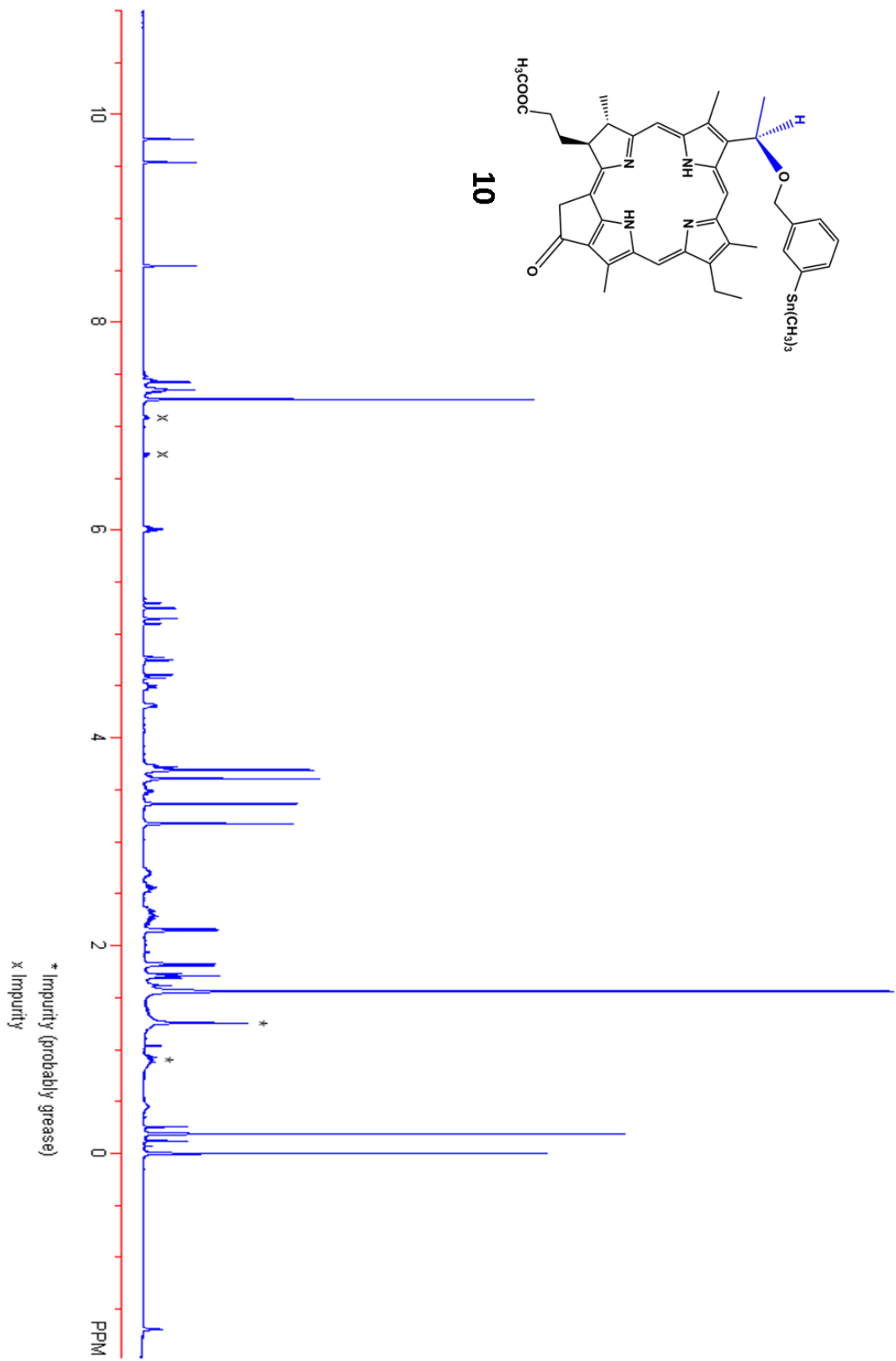
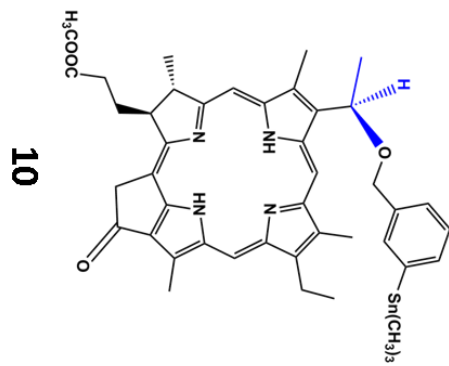


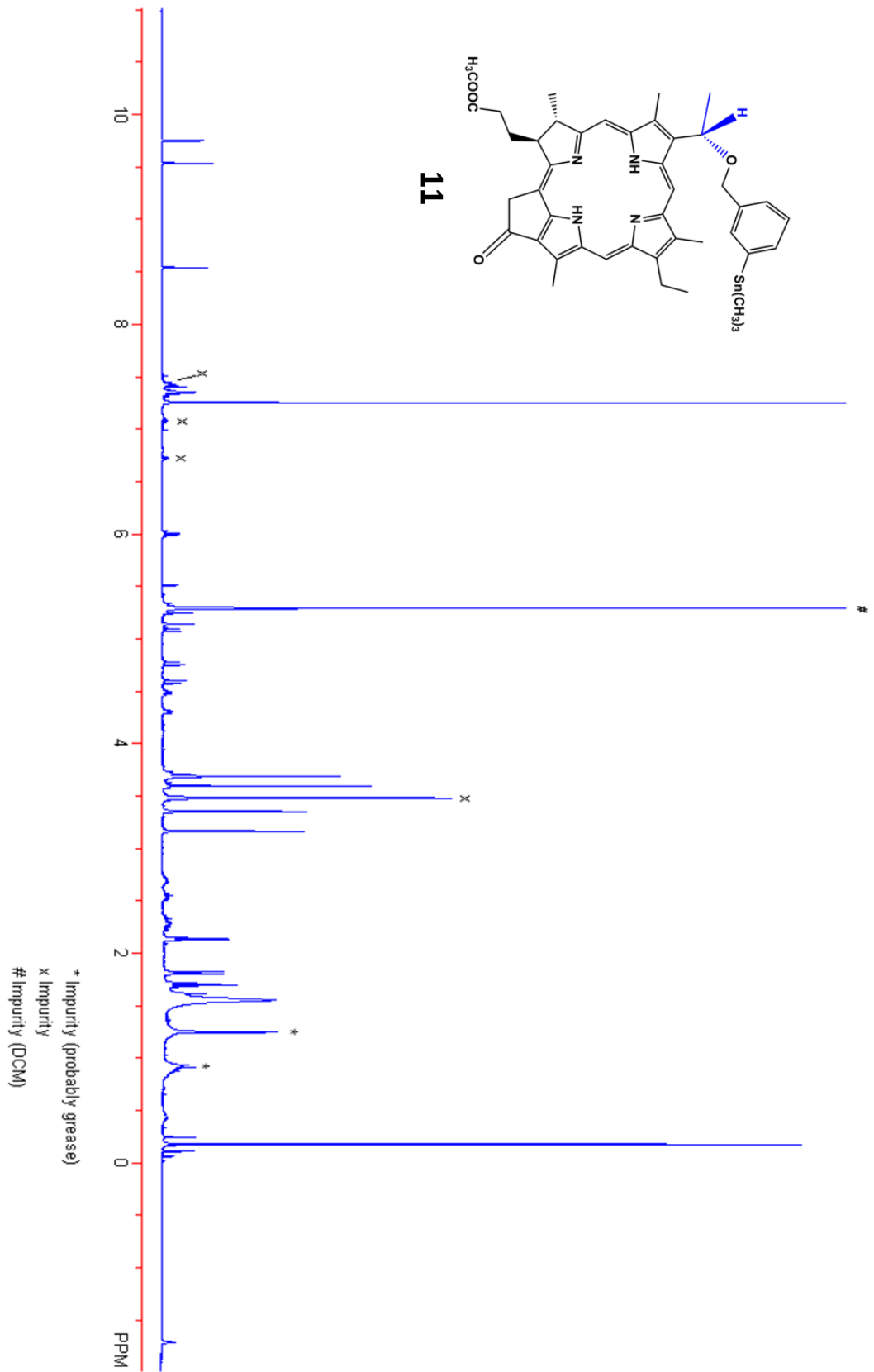
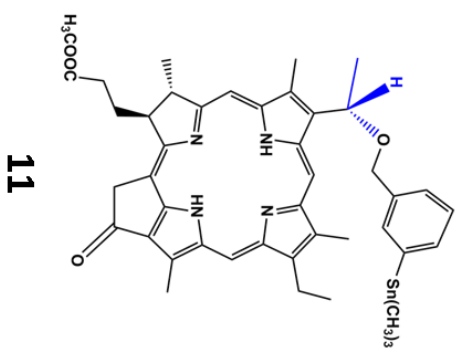


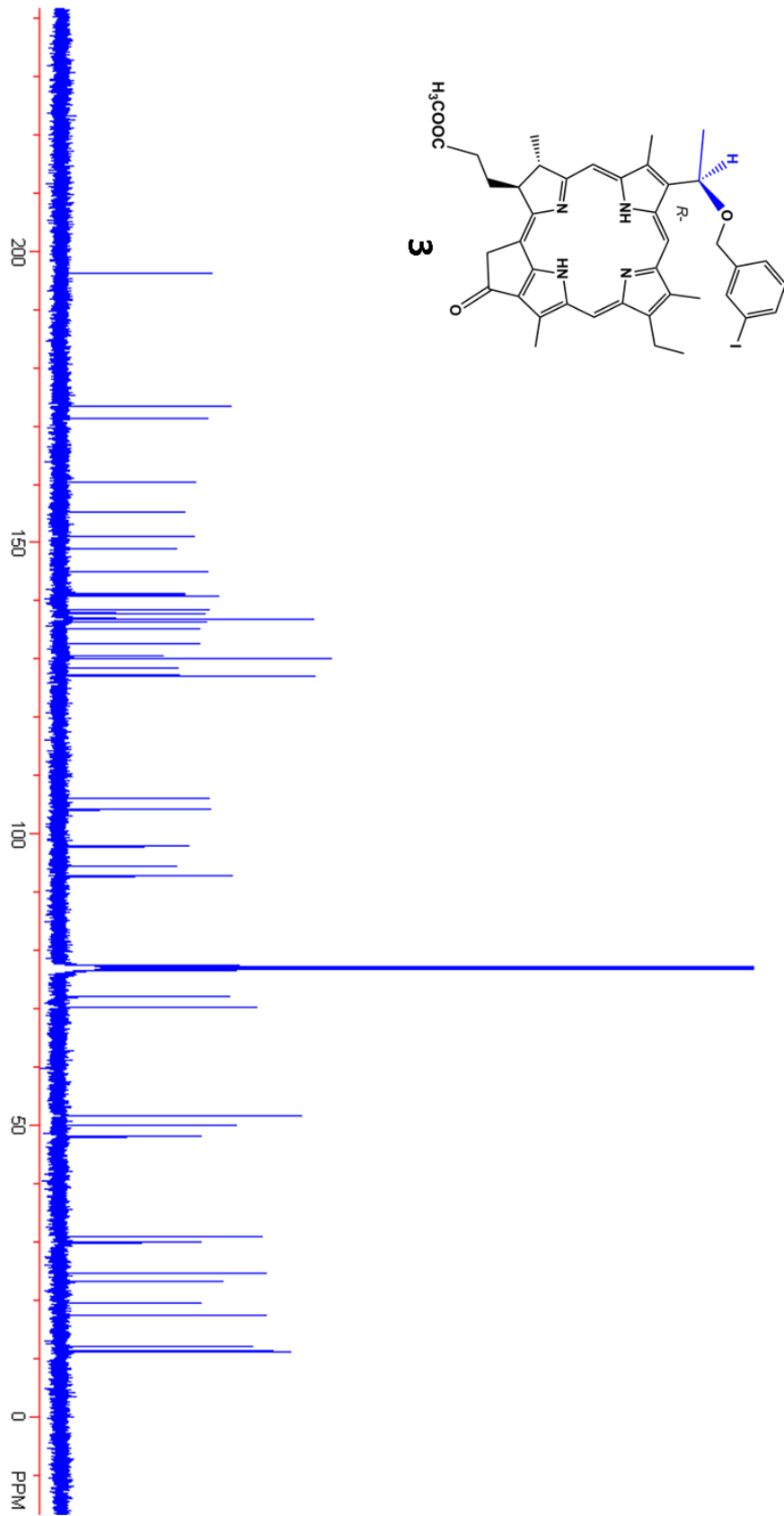


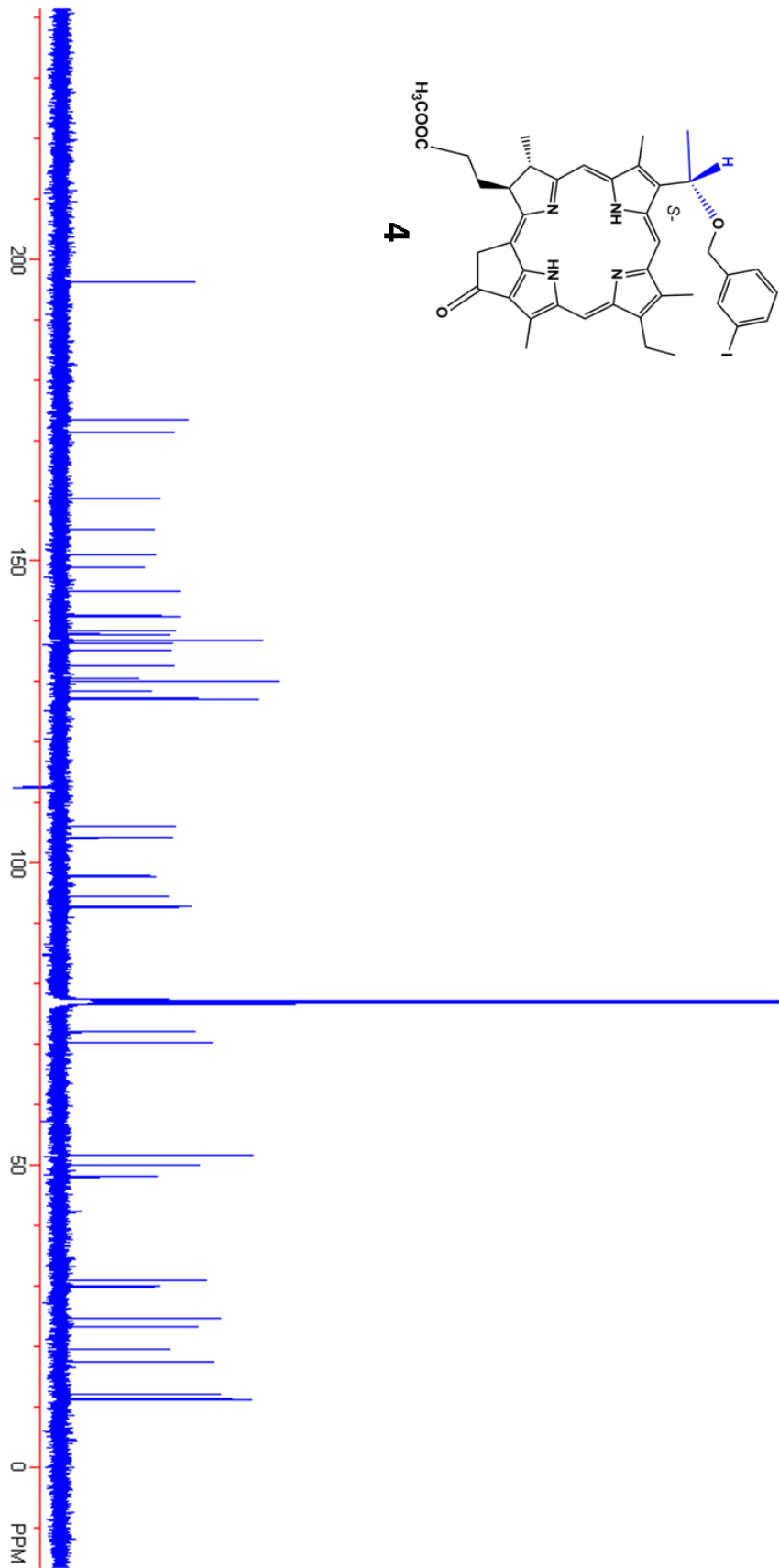


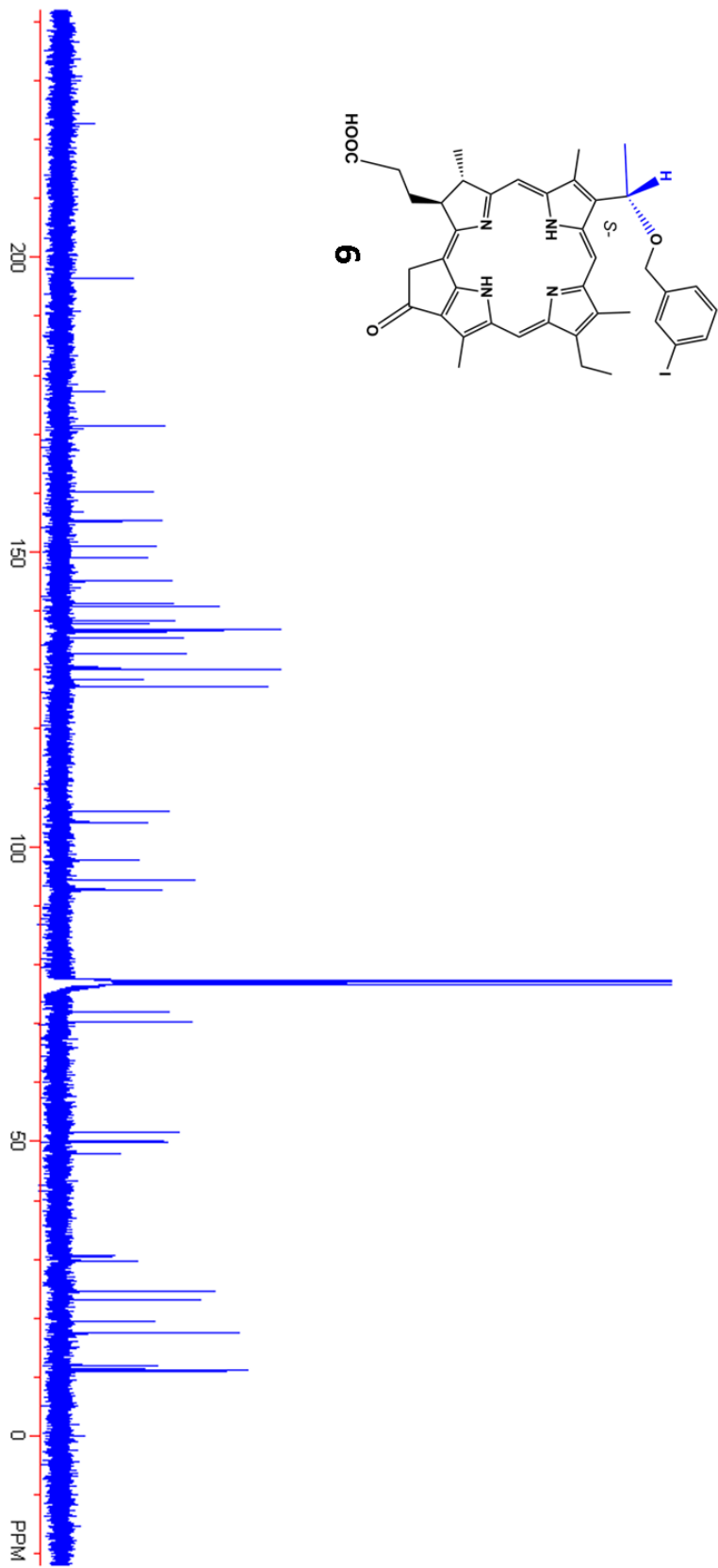


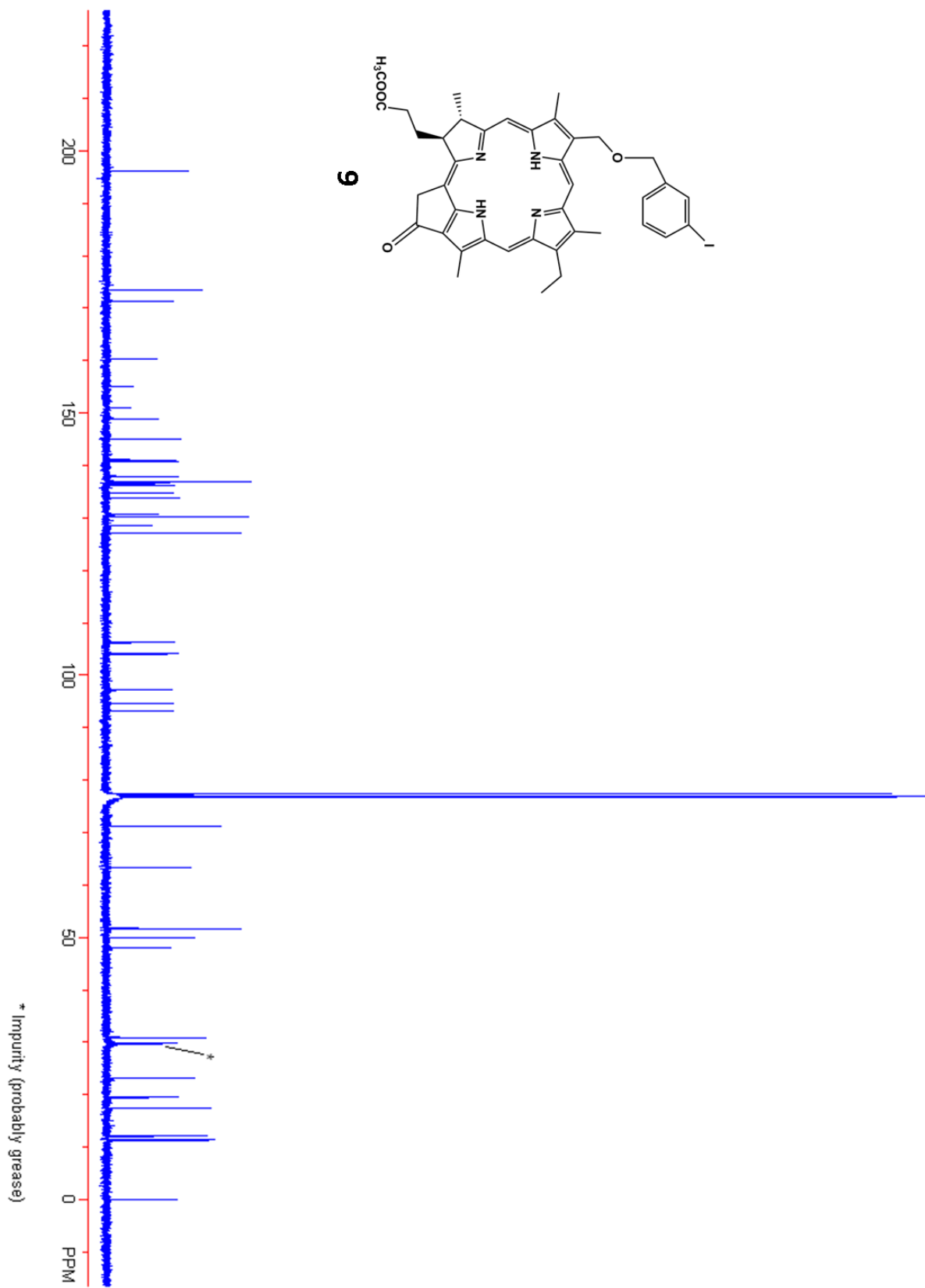


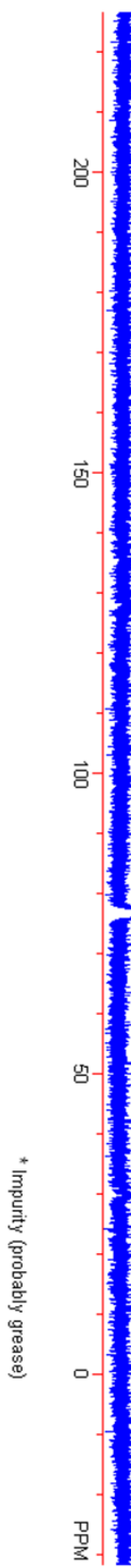
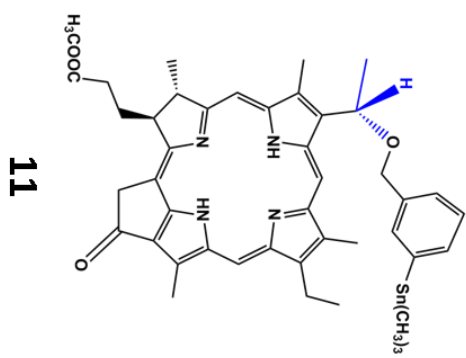


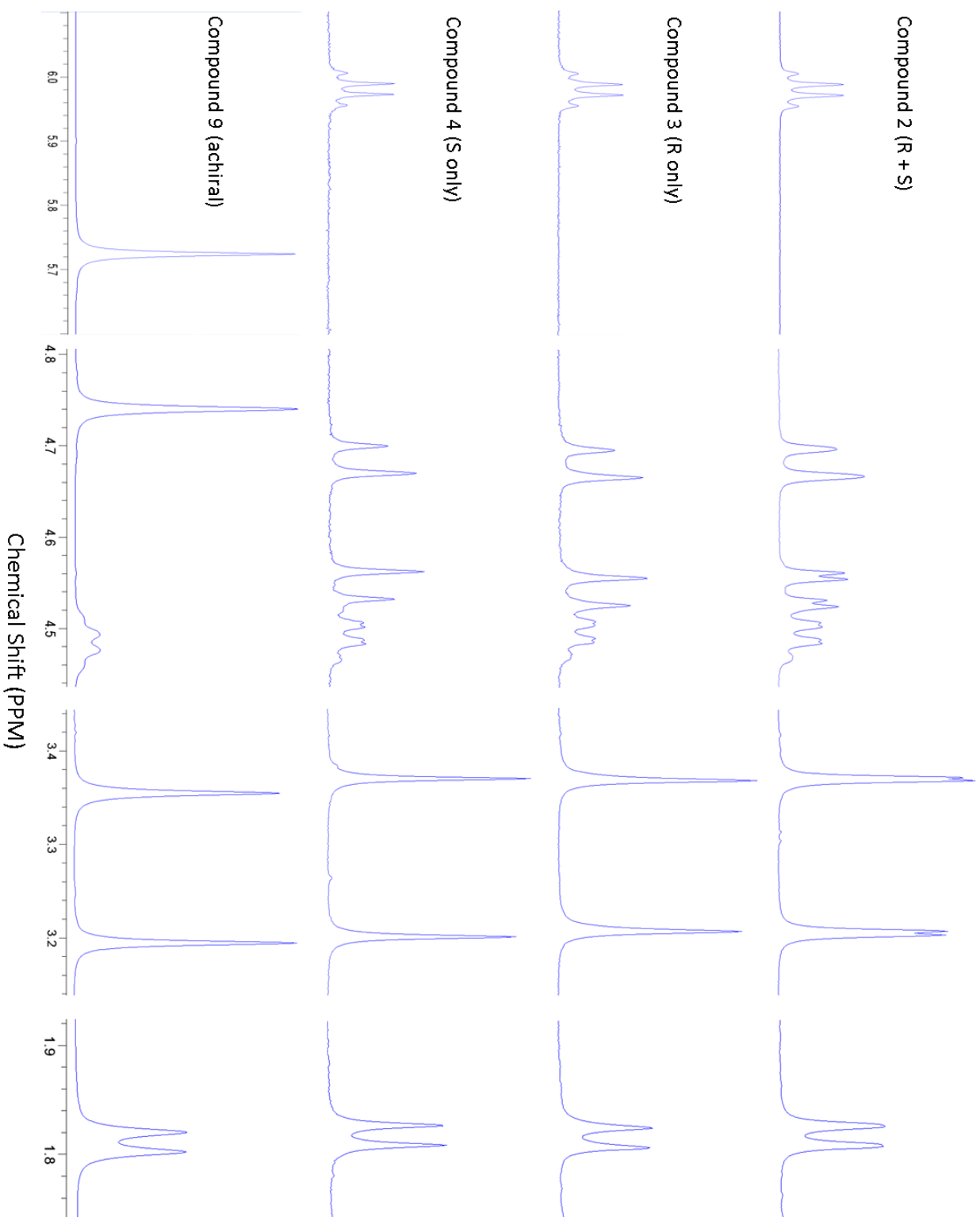












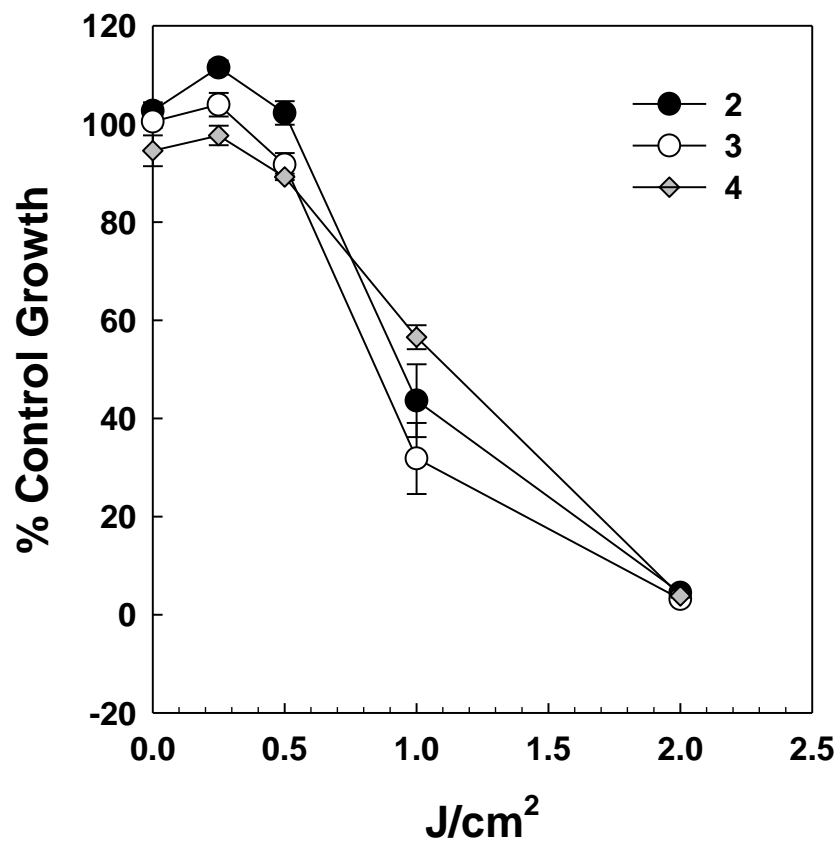


Figure S19. Growth inhibition of compounds **2-4** in colon 26 cells after 24 h incubation in medium containing 0.1 μM compounds followed by irradiation at varying light doses. Following an additional 48 hr incubation, cell growth was determined using using a colorimetric assay that measures the reduction of yellow 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyl tetrazolium bromide (MTT) by mitochondrial succinate dehydrogenase. Data is representative of 2 separate experiments.