

**Synthesis and spectral properties of near-infrared aminophenyl-, hydroxyphenyl-,
and phenyl-substituted heptamethine cyanines**

*Hyeran Lee, J. Christian Mason, and Samuel Achilefu**

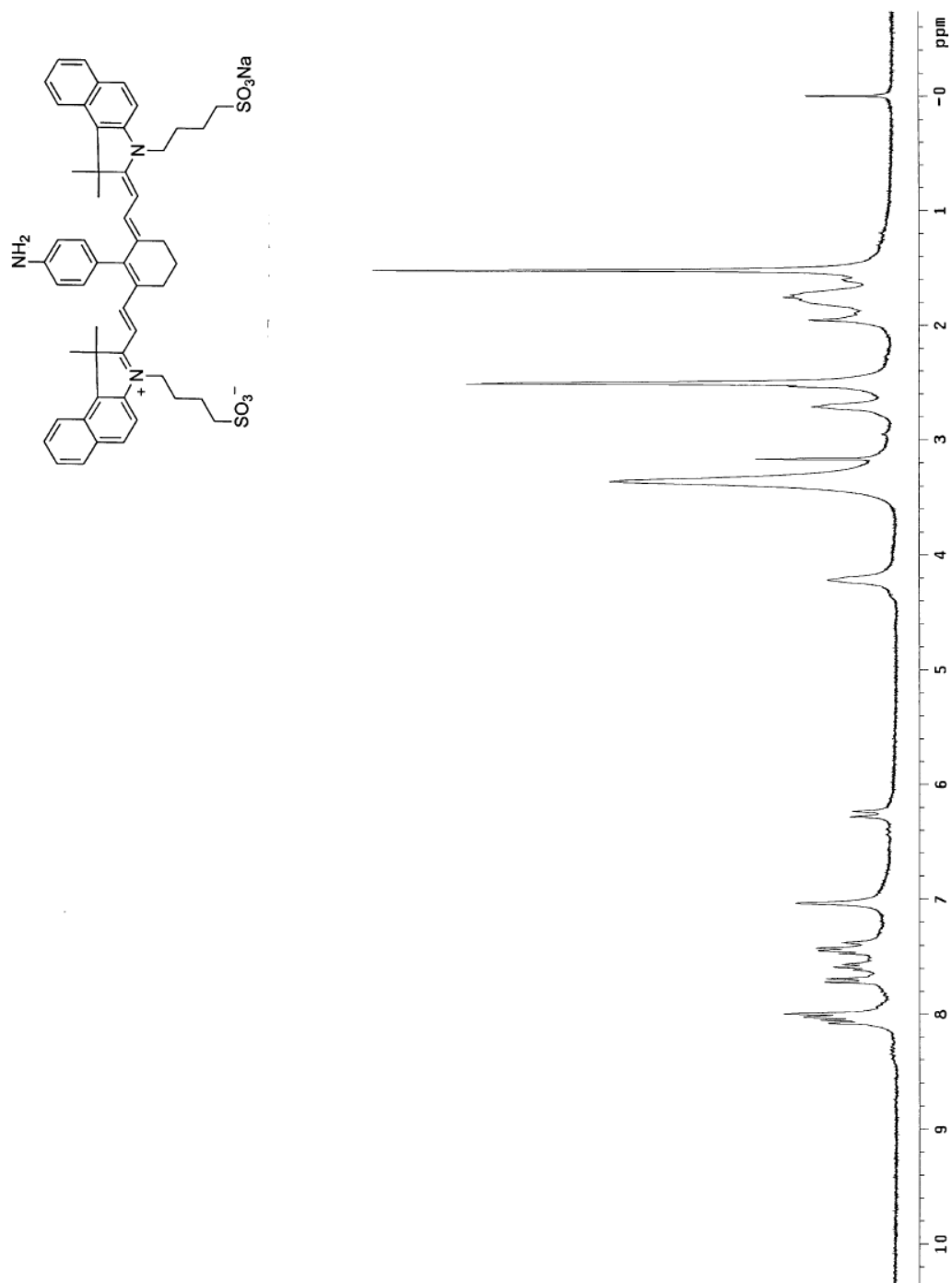
Department of Radiology, Washington University, St. Louis, Missouri 63110

achilefus@mir.wustl.edu

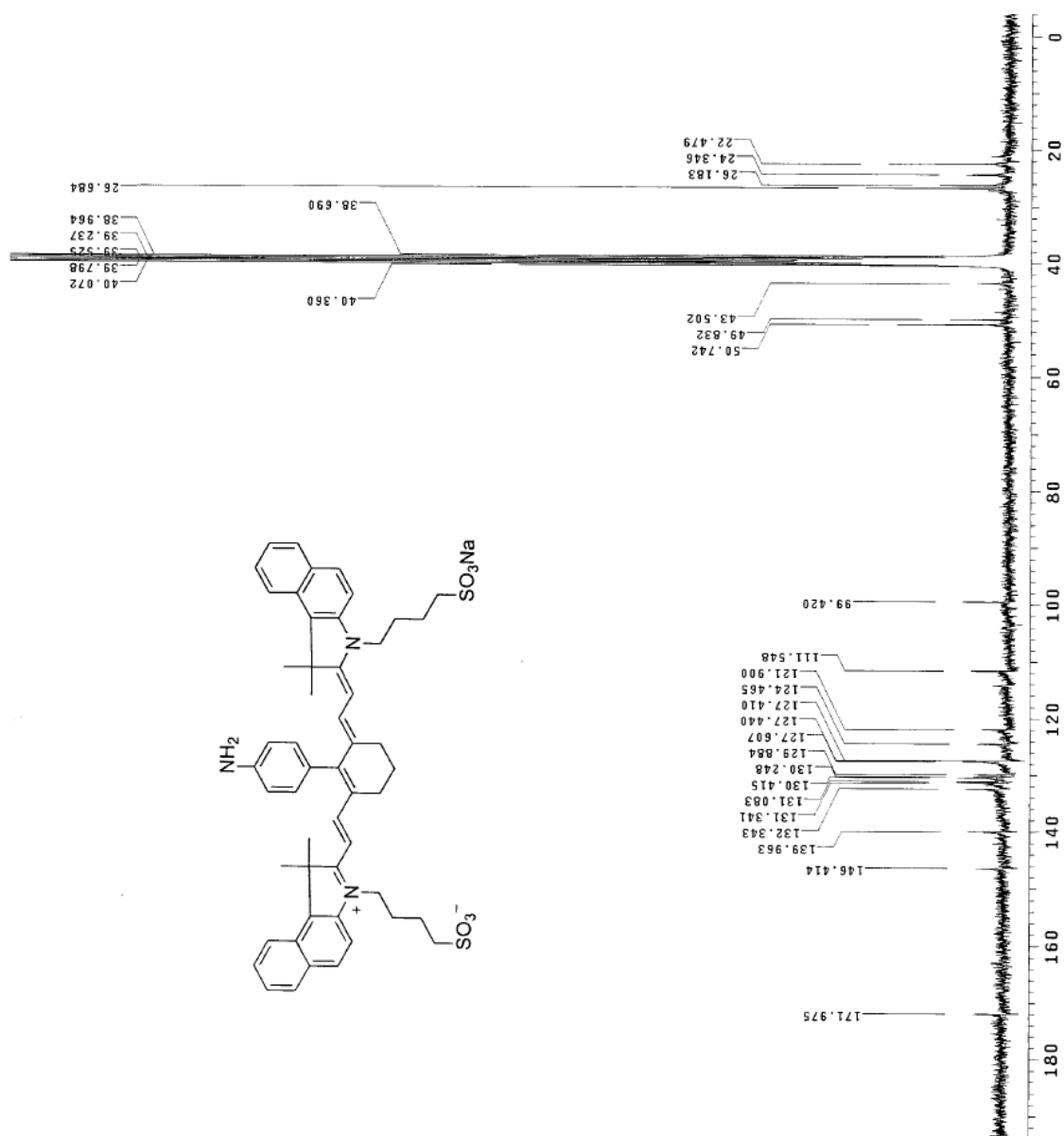
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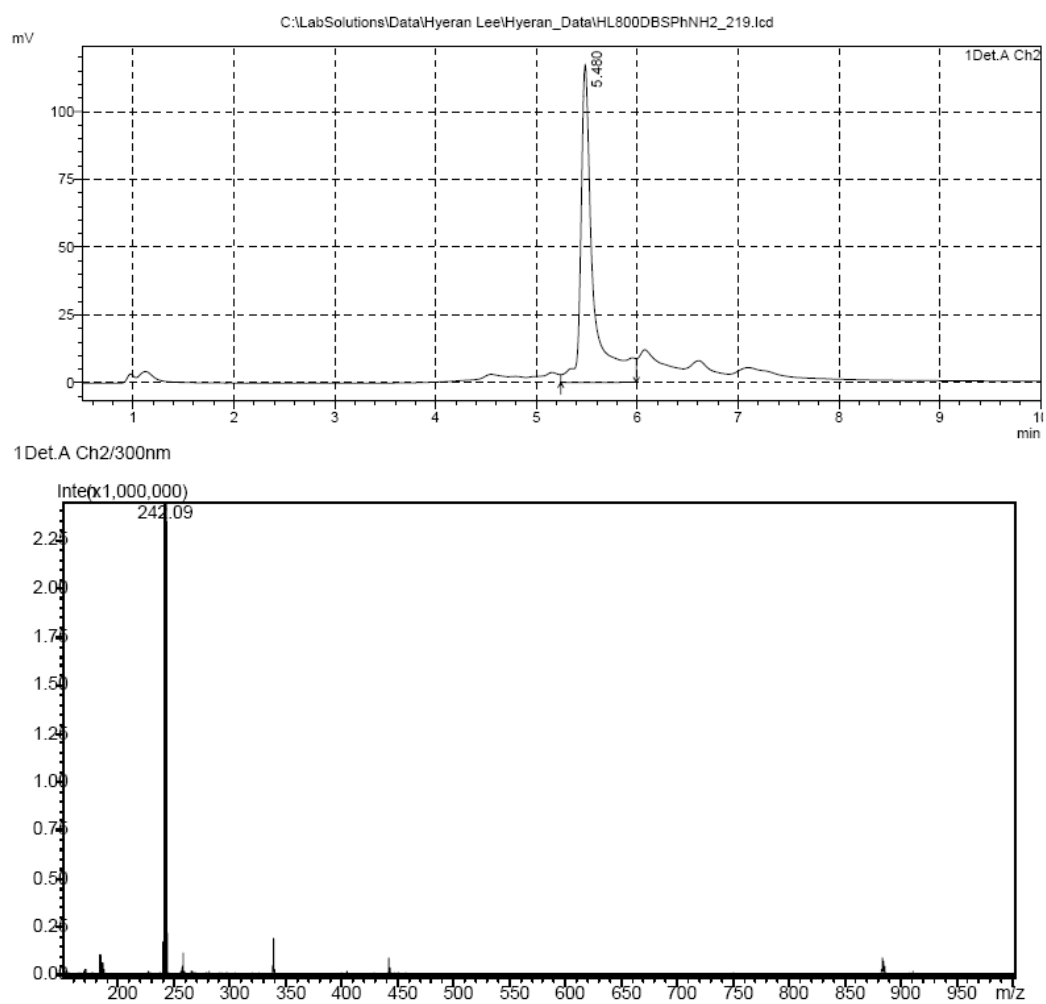
^1H NMR spectrum of compound **1**



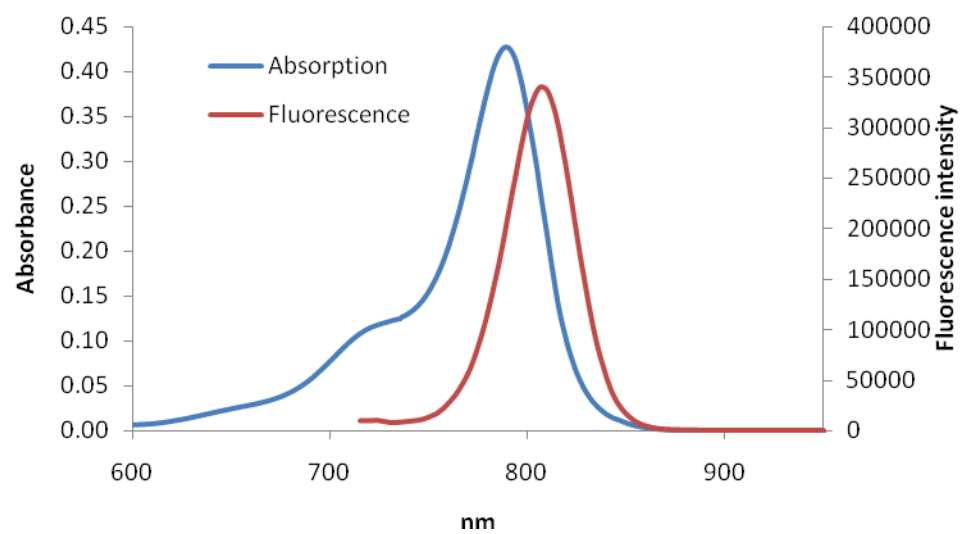
^{13}C NMR spectrum of compound **1**



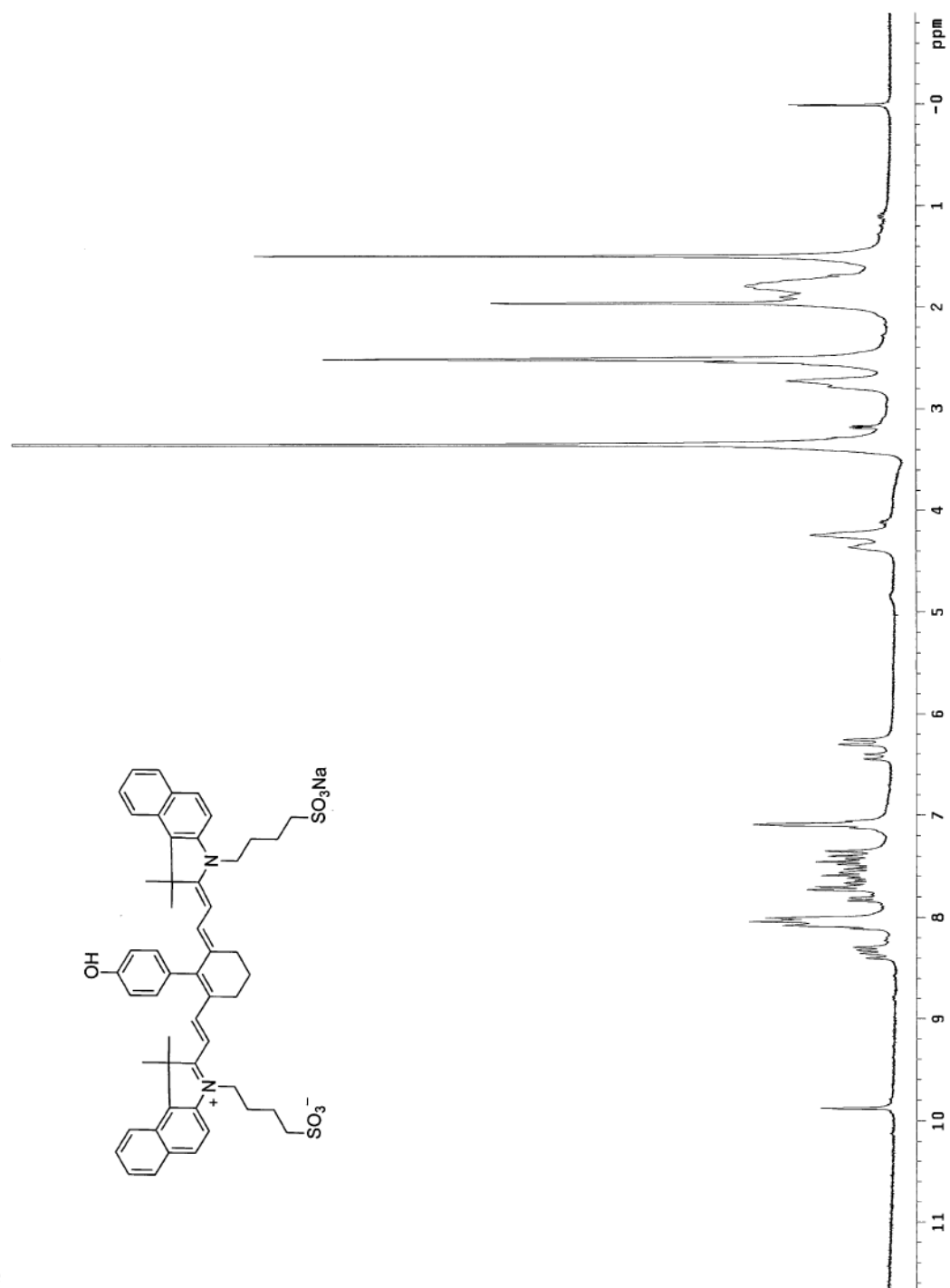
LC-MS spectrum of compound **1**



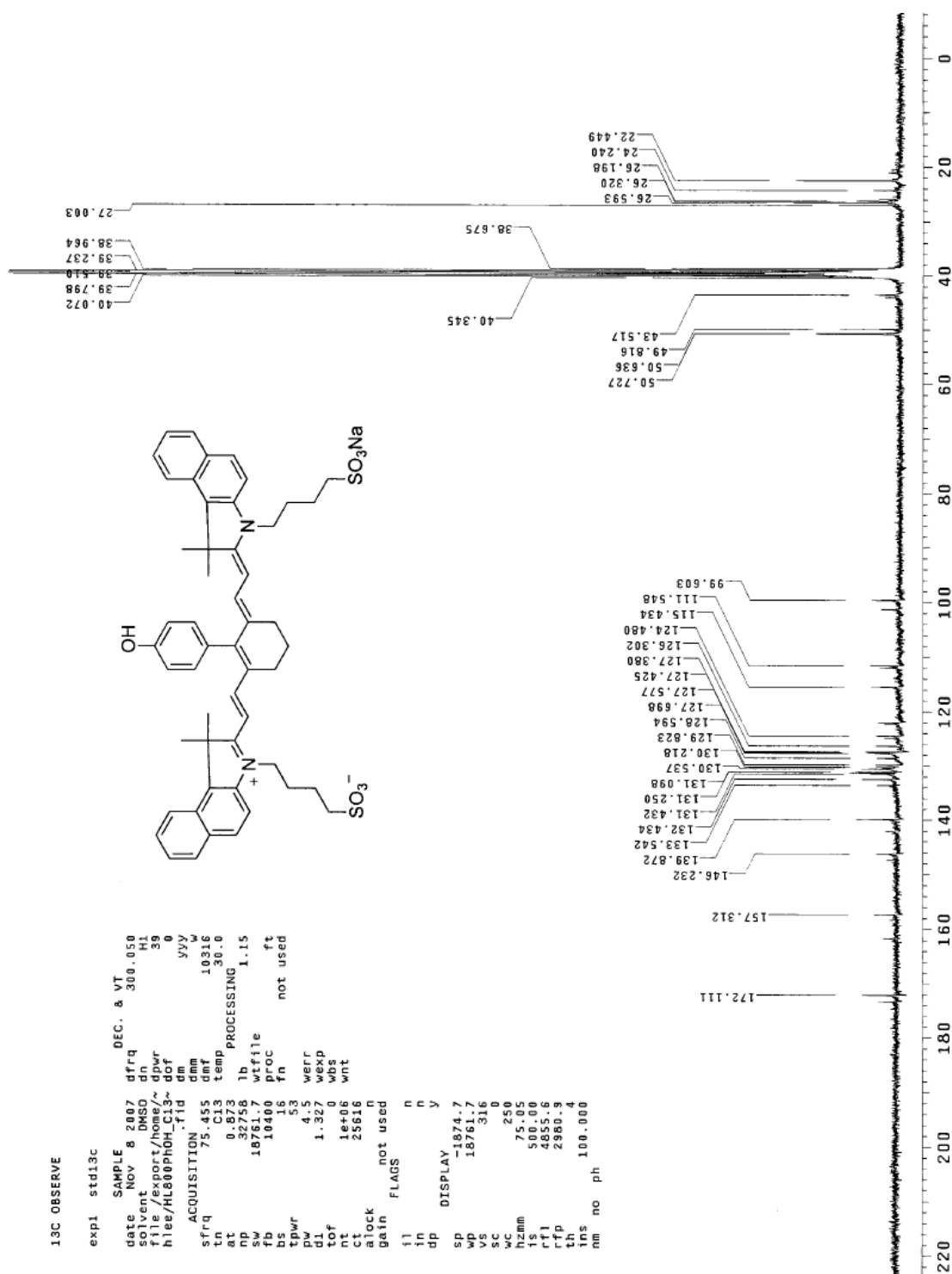
Normalized UV-Vis and Emission Spectra of Compound **1** in MeOH.



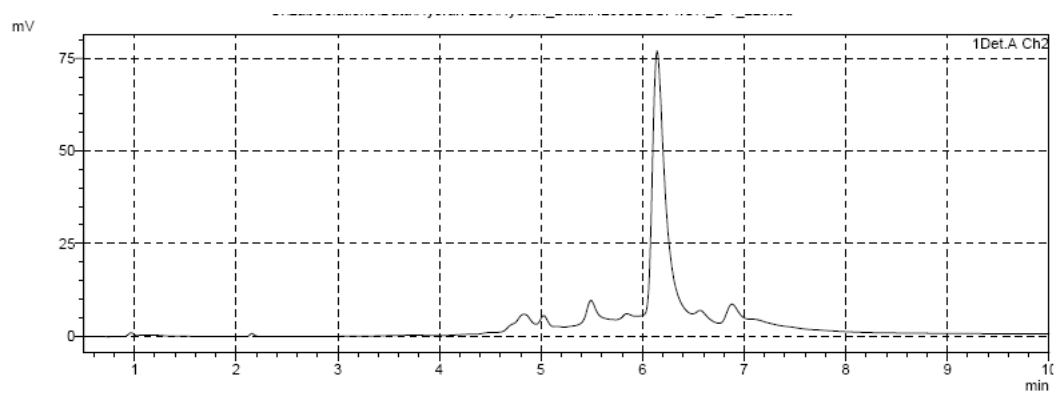
^1H NMR spectrum of compound **2**



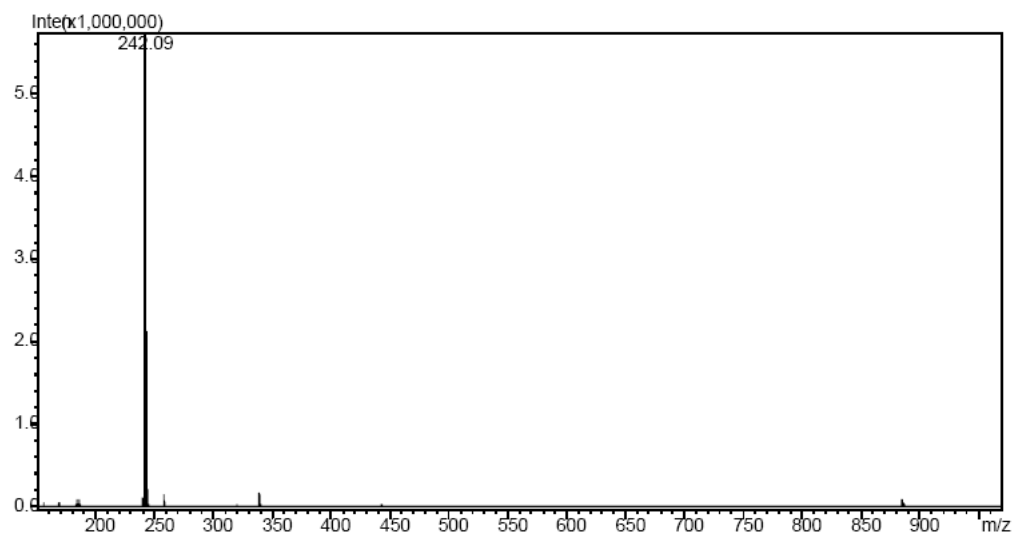
¹³C NMR spectrum of compound 2



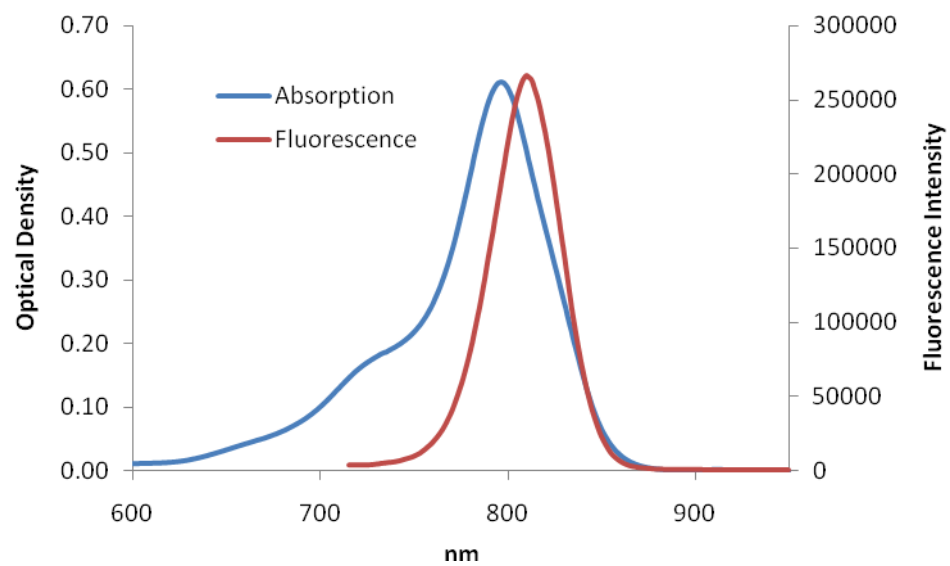
LC-MS spectrum of compound 2



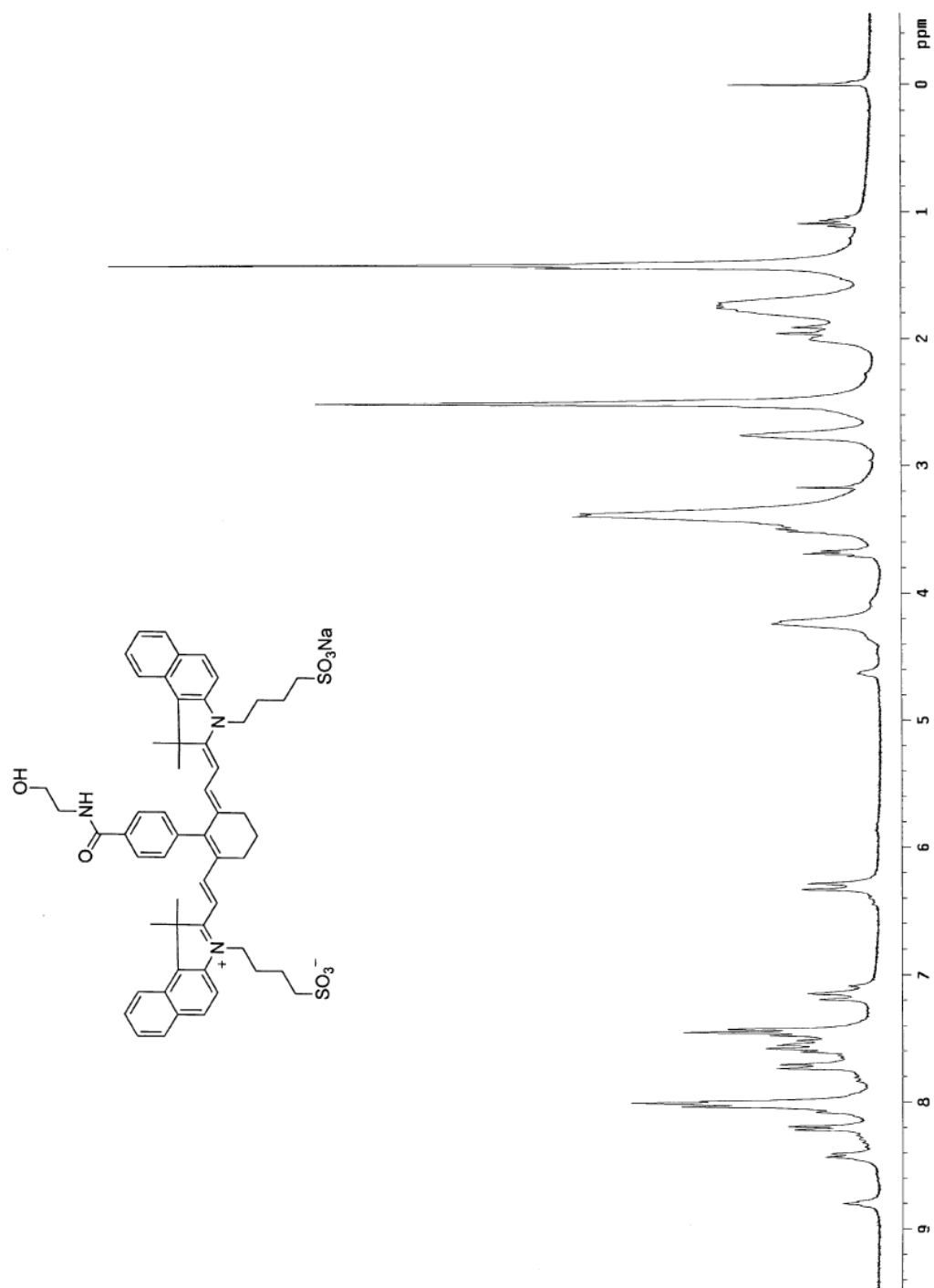
1Det.A Ch2/300nm



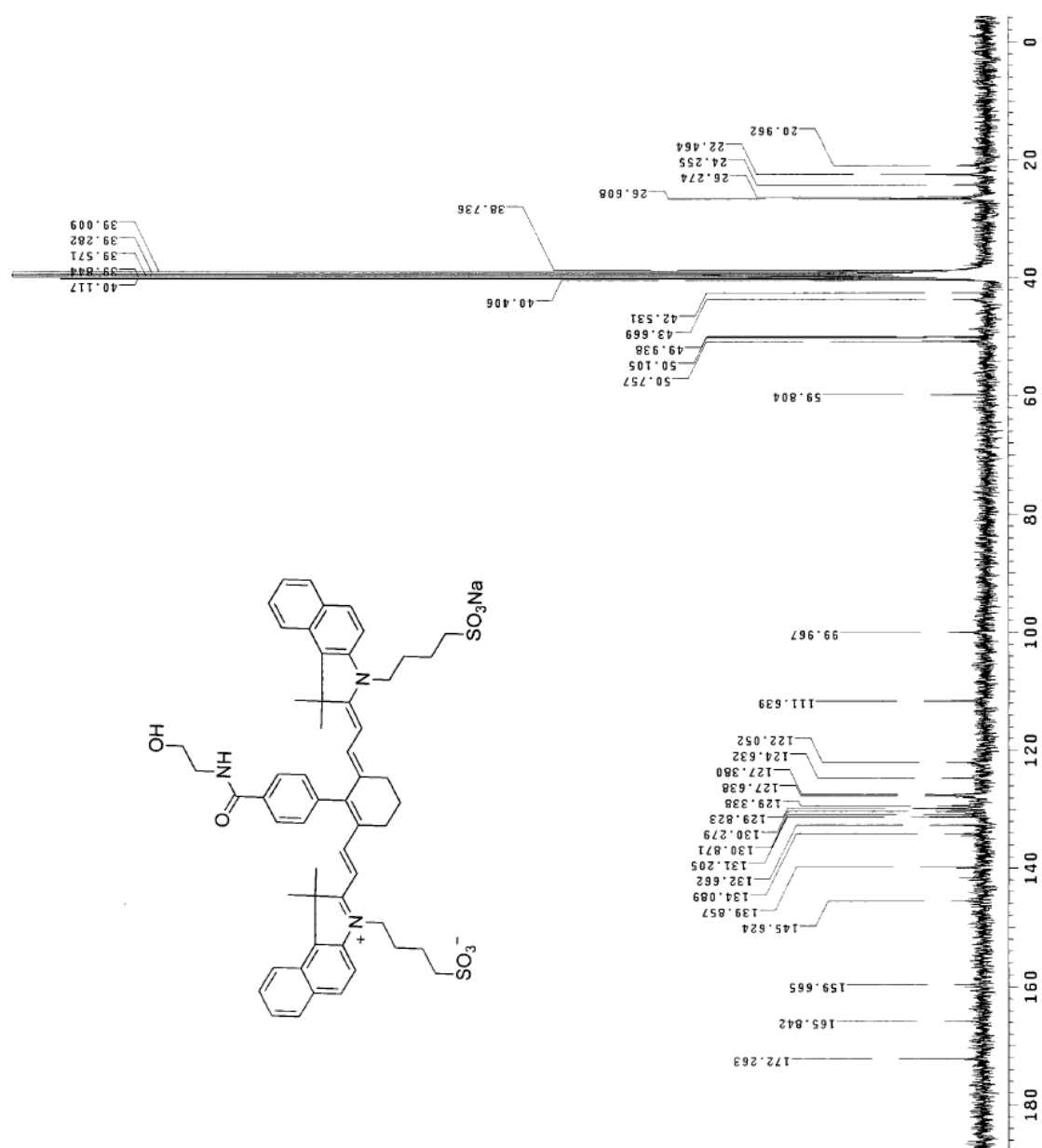
Normalized UV-Vis and Emission Spectra of Compound **2** in MeOH.



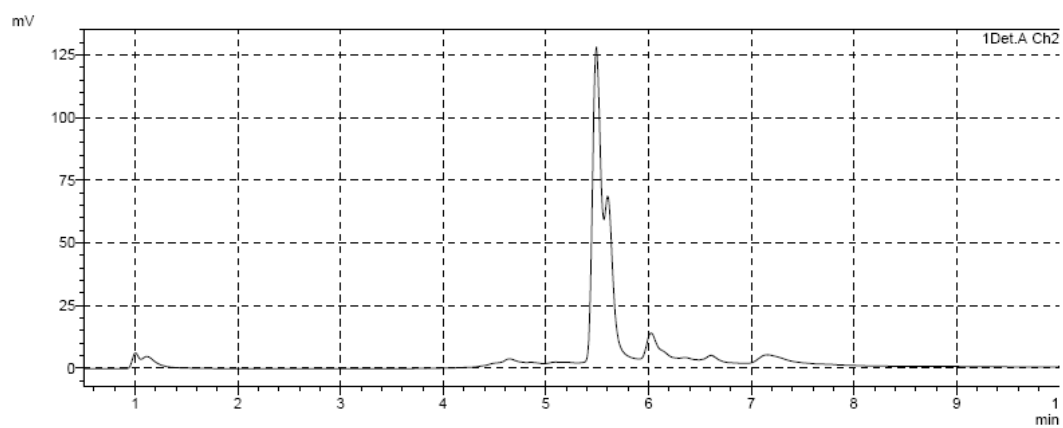
^1H NMR spectrum of compound **3**



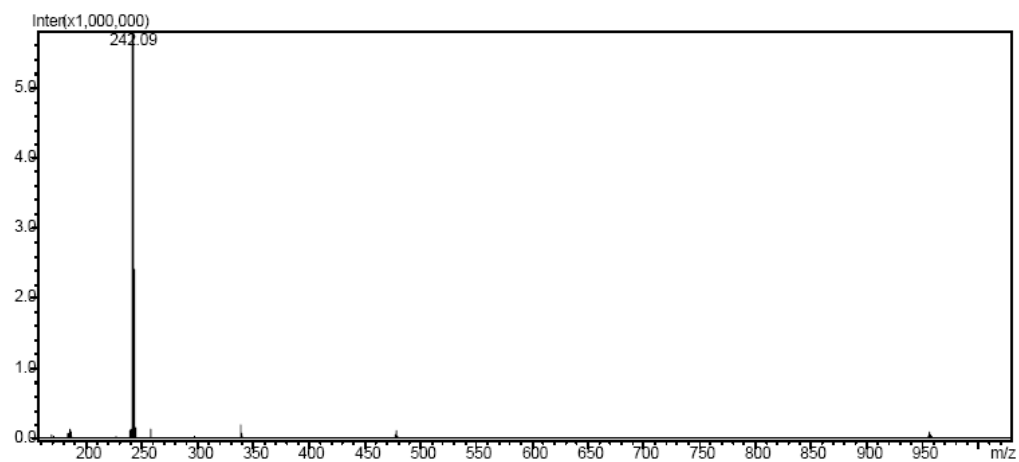
^{13}C NMR spectrum of compound **3**



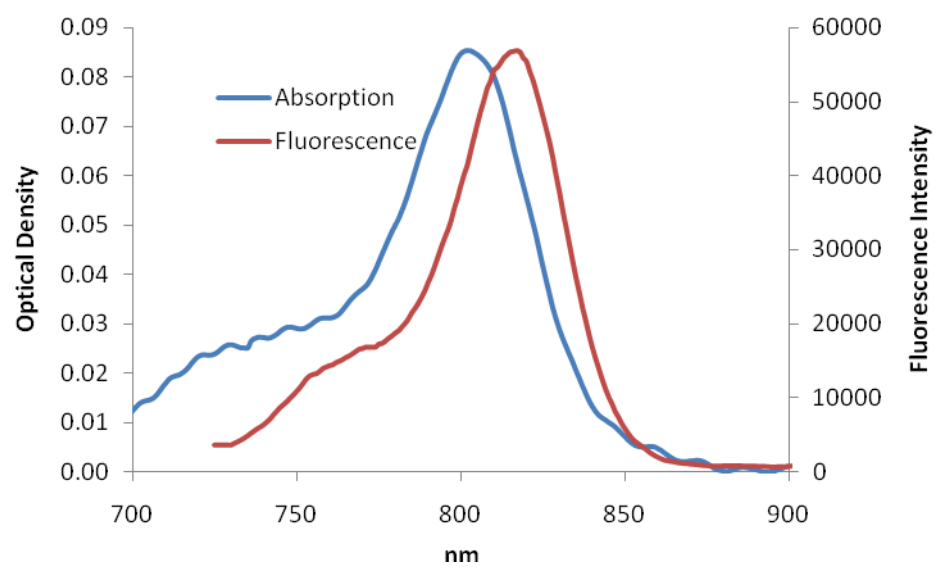
LC-MS spectrum of compound **3**



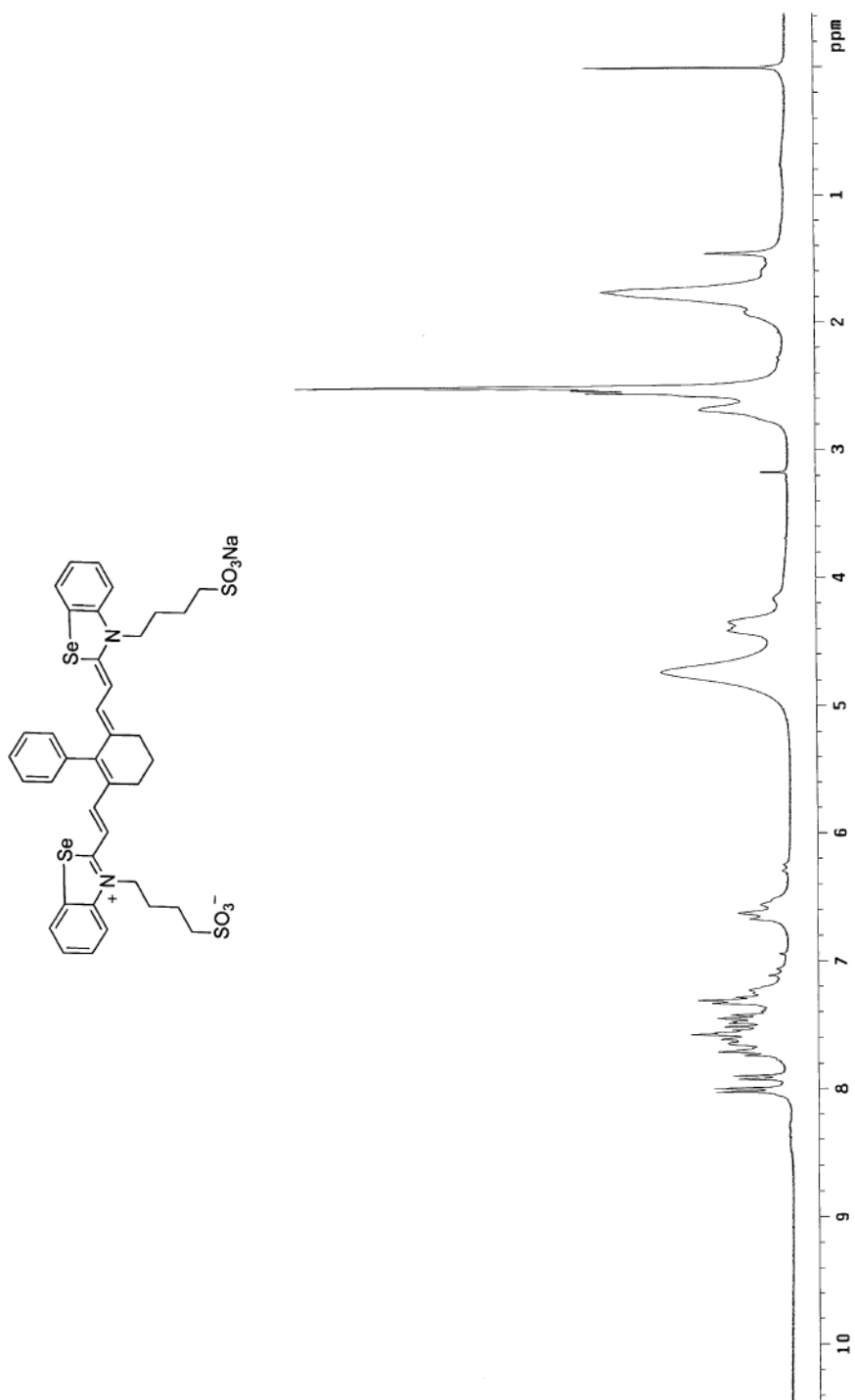
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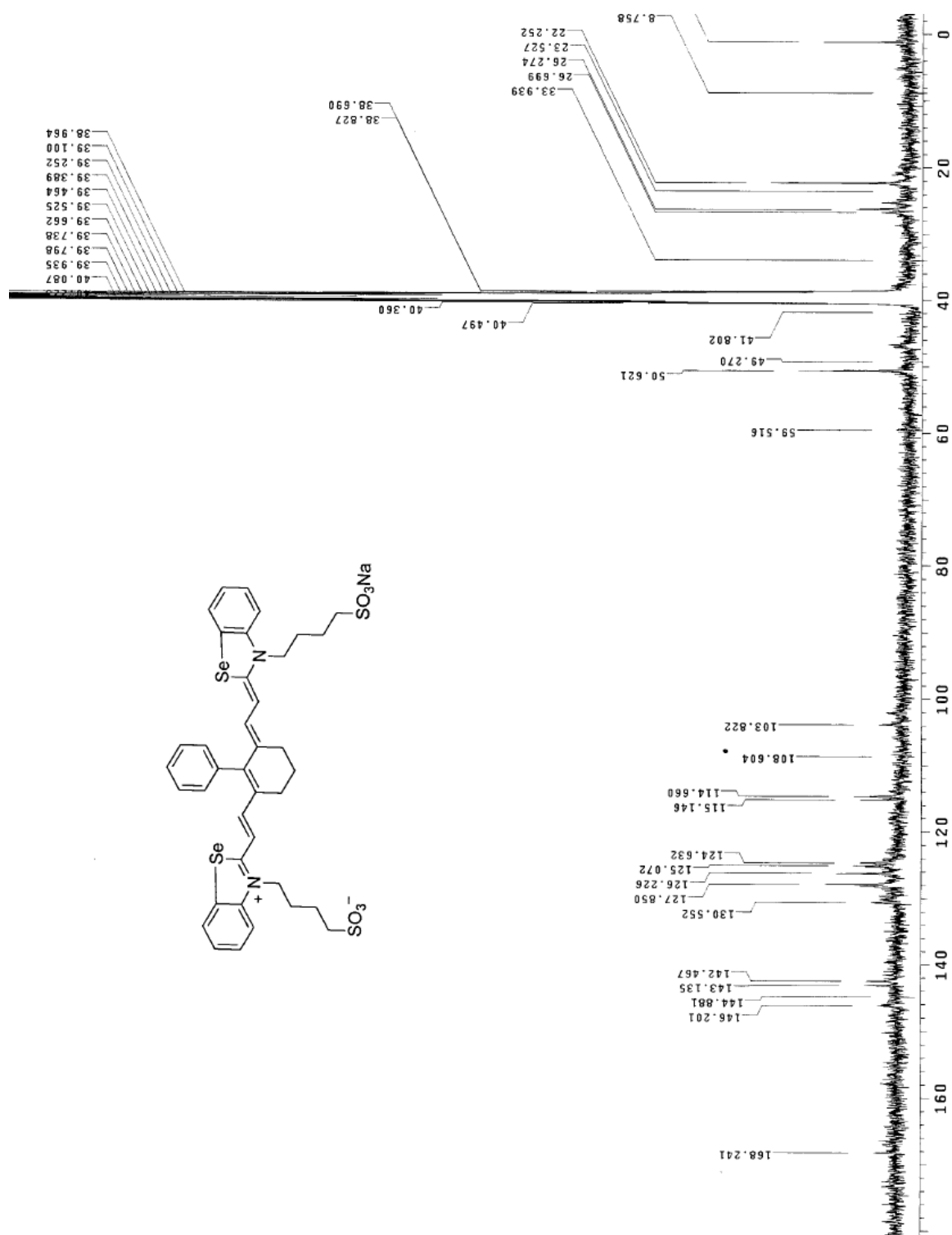
Normalized UV-Vis and Emission Spectra of Compound **3** in MeOH.



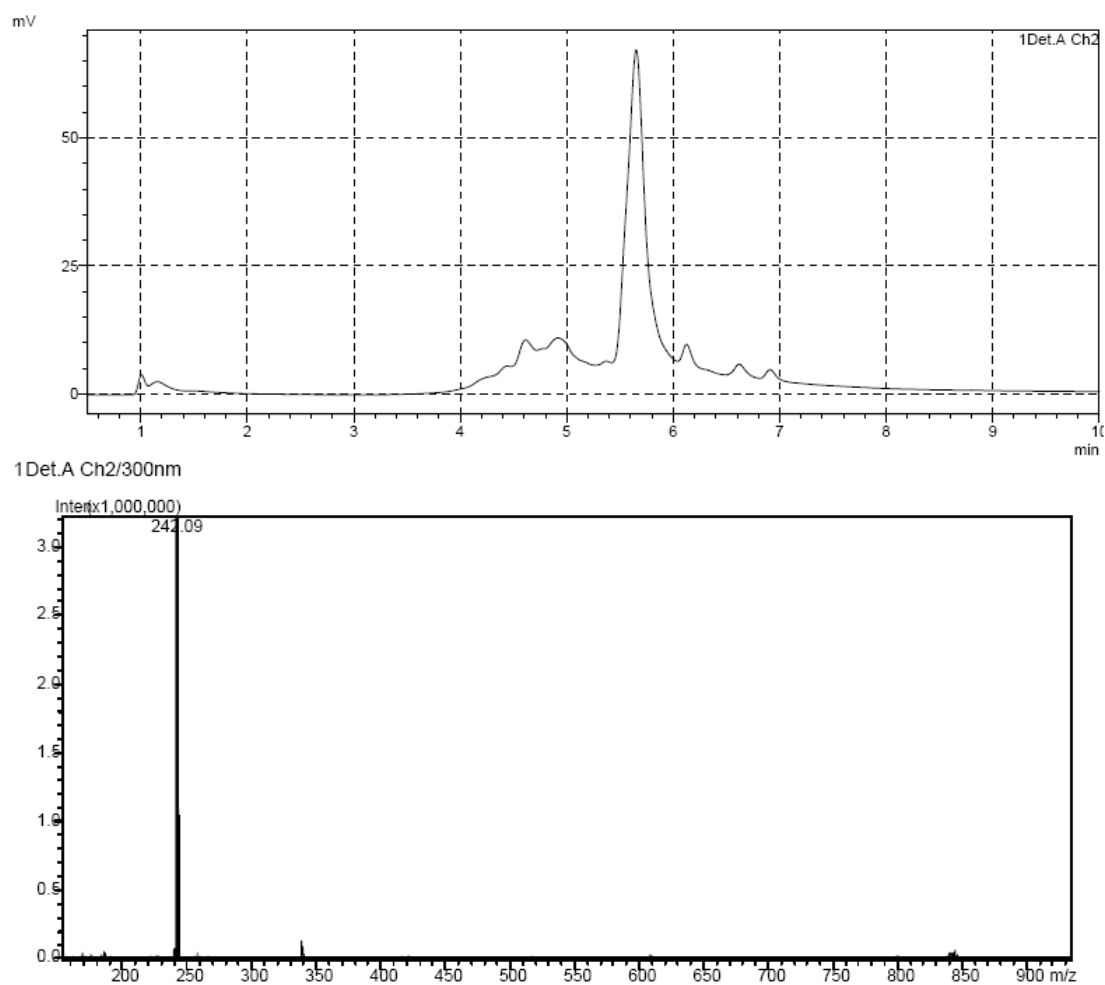
^1H NMR spectrum of compound **9**.



^{13}C NMR spectrum of compound **3**



LC-MS spectrum of compound **9**.



Normalized UV-Vis and Emission Spectra of Compound **9** in MeOH.

