

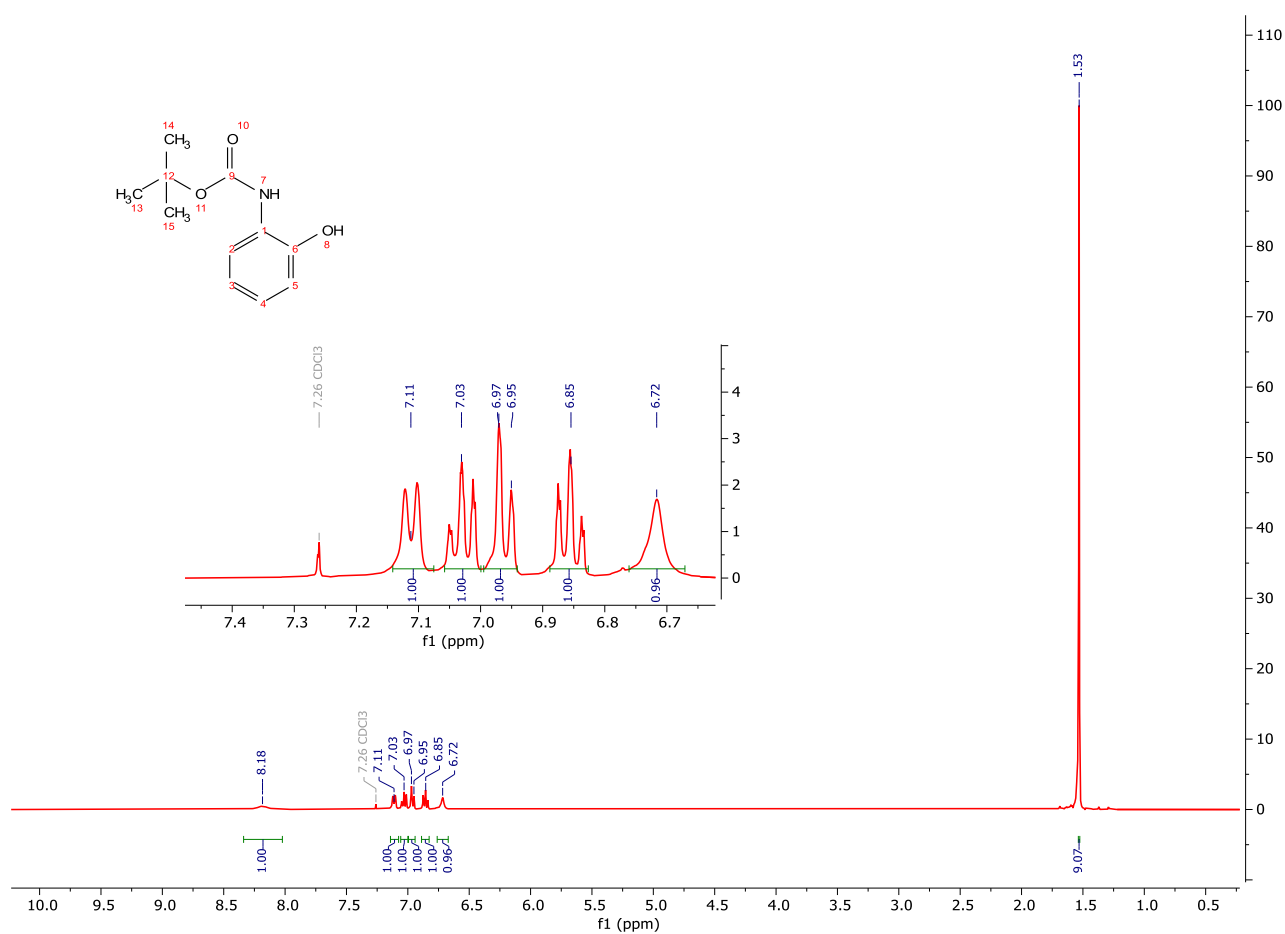
Electronic supplementary materials

Targeted Modification of Tricarbocyanines with Aminophenols as O-Nucleophiles: A Promising Approach for the Development of Sensing Elements

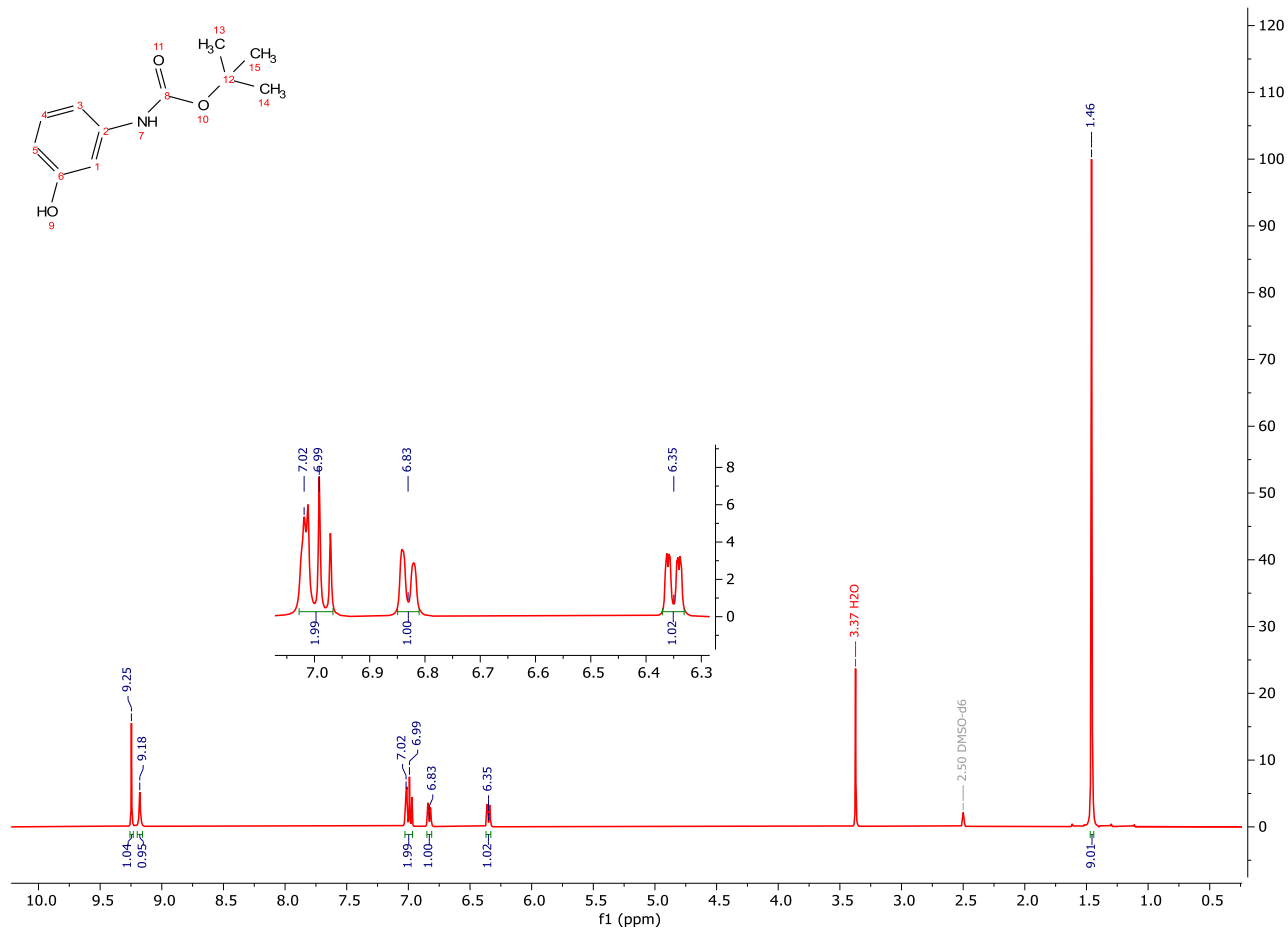
Irina A. Doroshenko, Nazar V. Shmychkov, Anna V. Shik, Irina I. Levina, Mikhail K. Beklemishev and Tatiana A. Podrugina

NMR spectra of compounds

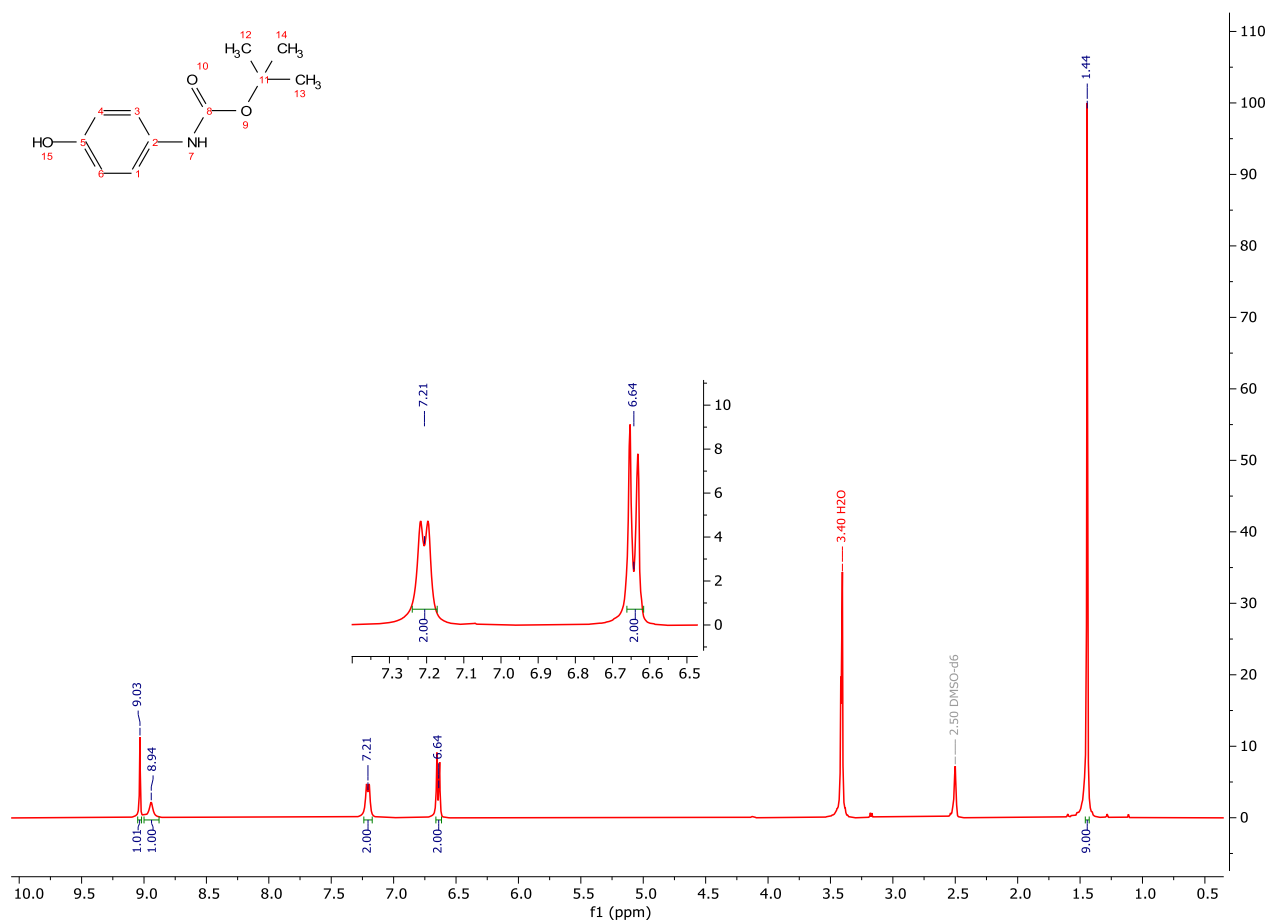
^1H -NMR spectrum of tert-butyl (2-hydroxyphenyl)carbamate (2a)



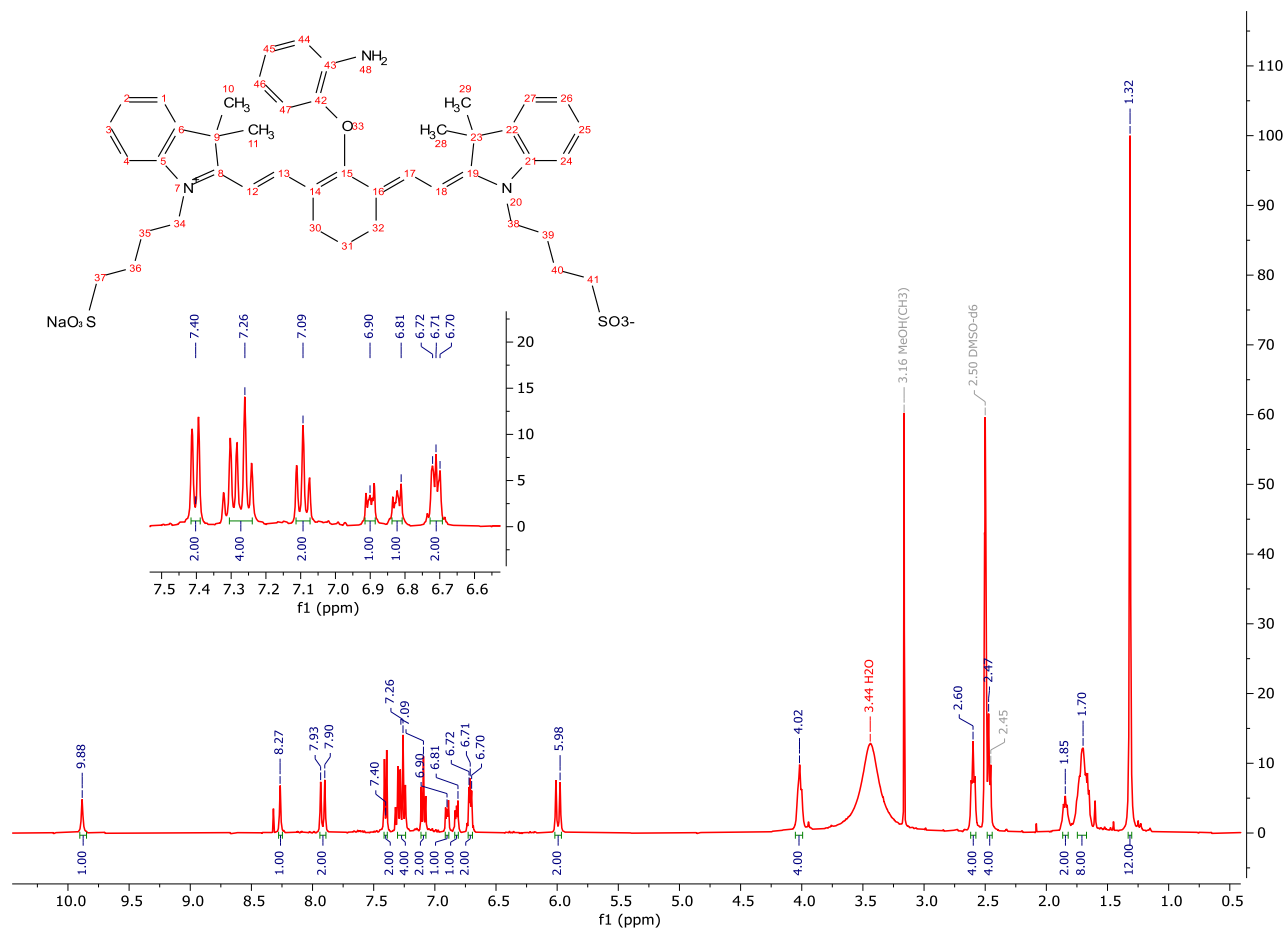
¹H-NMR spectrum of tert-butyl (3-hydroxyphenyl)carbamate (2b)



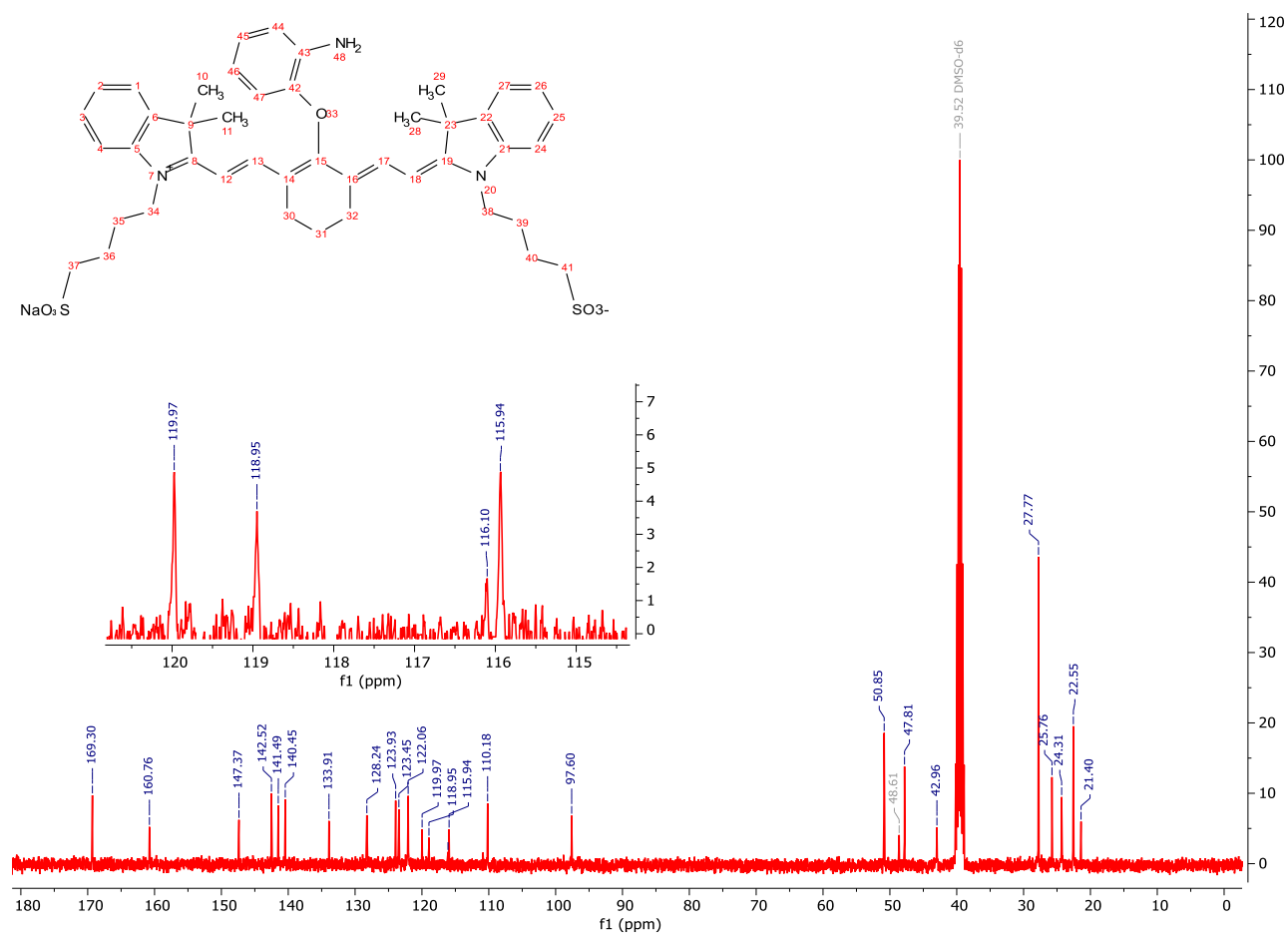
¹H-NMR spectrum of tert-butyl (3-hydroxyphenyl)carbamate (2c)



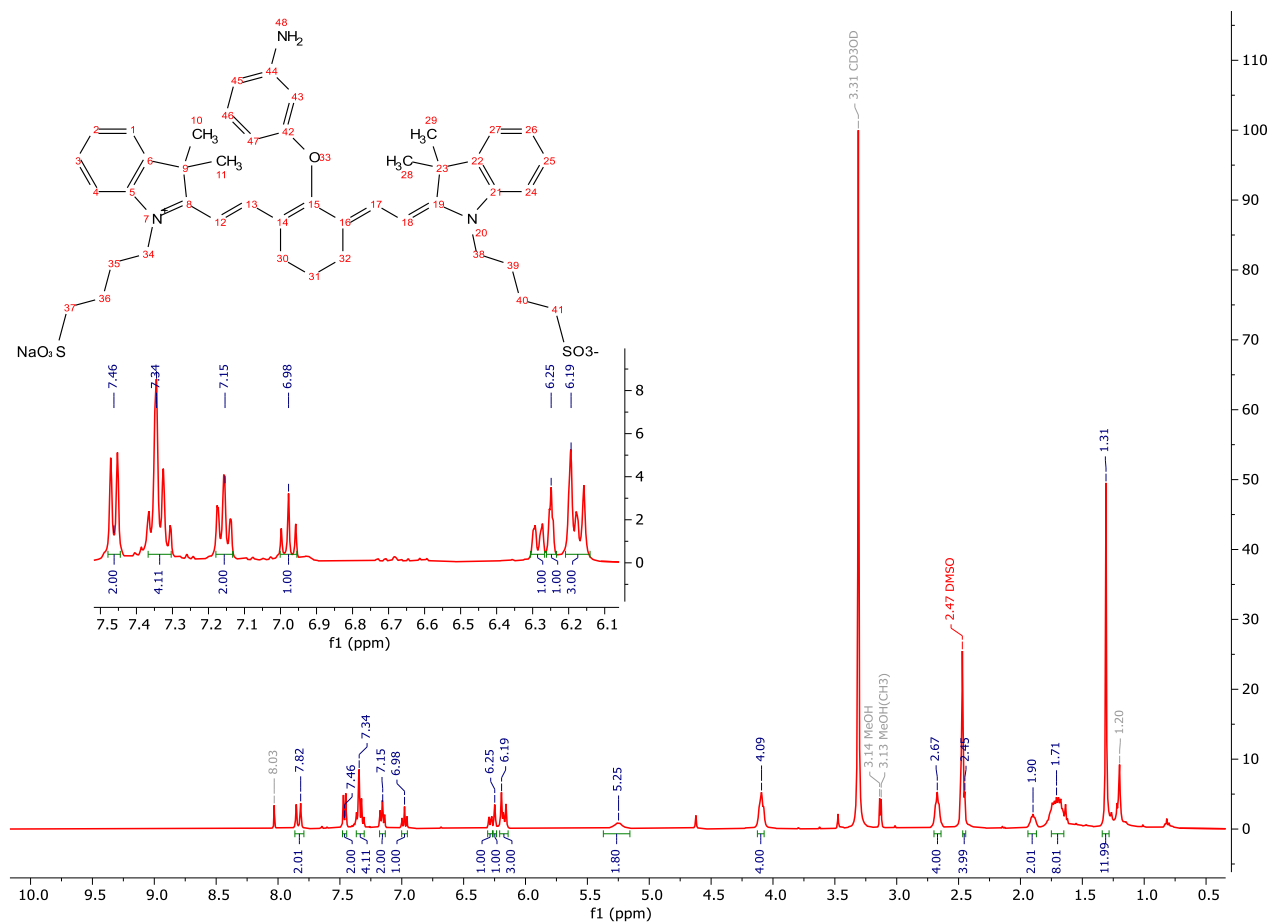
¹H-NMR spectrum of sodium 4-((E)-2-((E)-2-(2-(2-aminophenoxy)-3-((E)-2-(3,3-dimethyl-1-(4-sulfonatobutyl)-3H-indol-1-ium-2-yl)vinyl)cyclohex-2-en-1-ylidene)ethylidene)-3,3-dimethylindolin-1-yl)butane-1-sulfonate (4a)



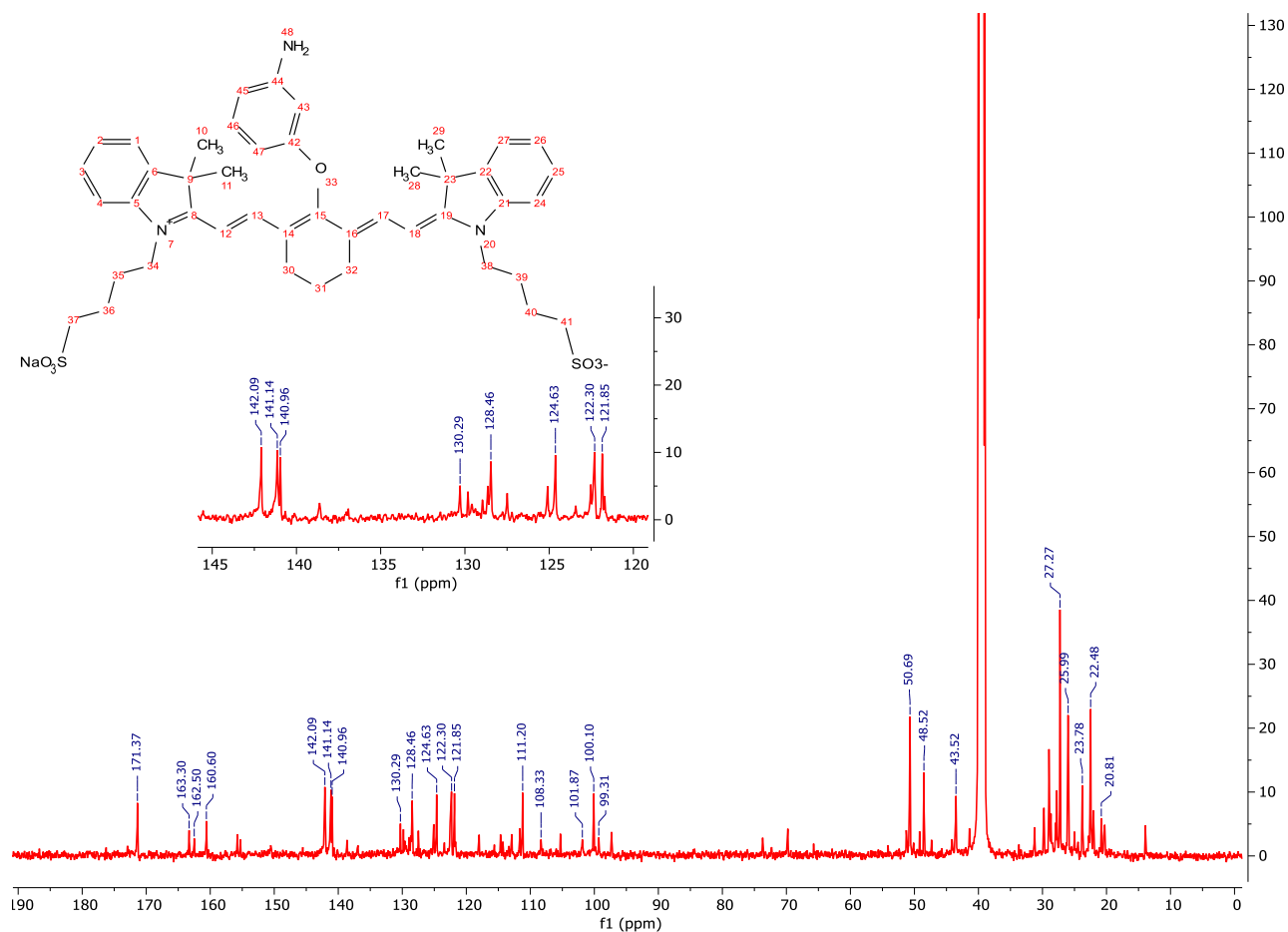
^{13}C -NMR spectrum of sodium 4-((E)-2-((E)-2-(2-(2-aminophenoxy)-3-((E)-2-(3,3-dimethyl-1-(4-sulfonatobutyl)-3H-indol-1-ium-2-yl)vinyl)cyclohex-2-en-1-ylidene)ethylidene)-3,3-dimethylindolin-1-yl)butane-1-sulfonate (4a)



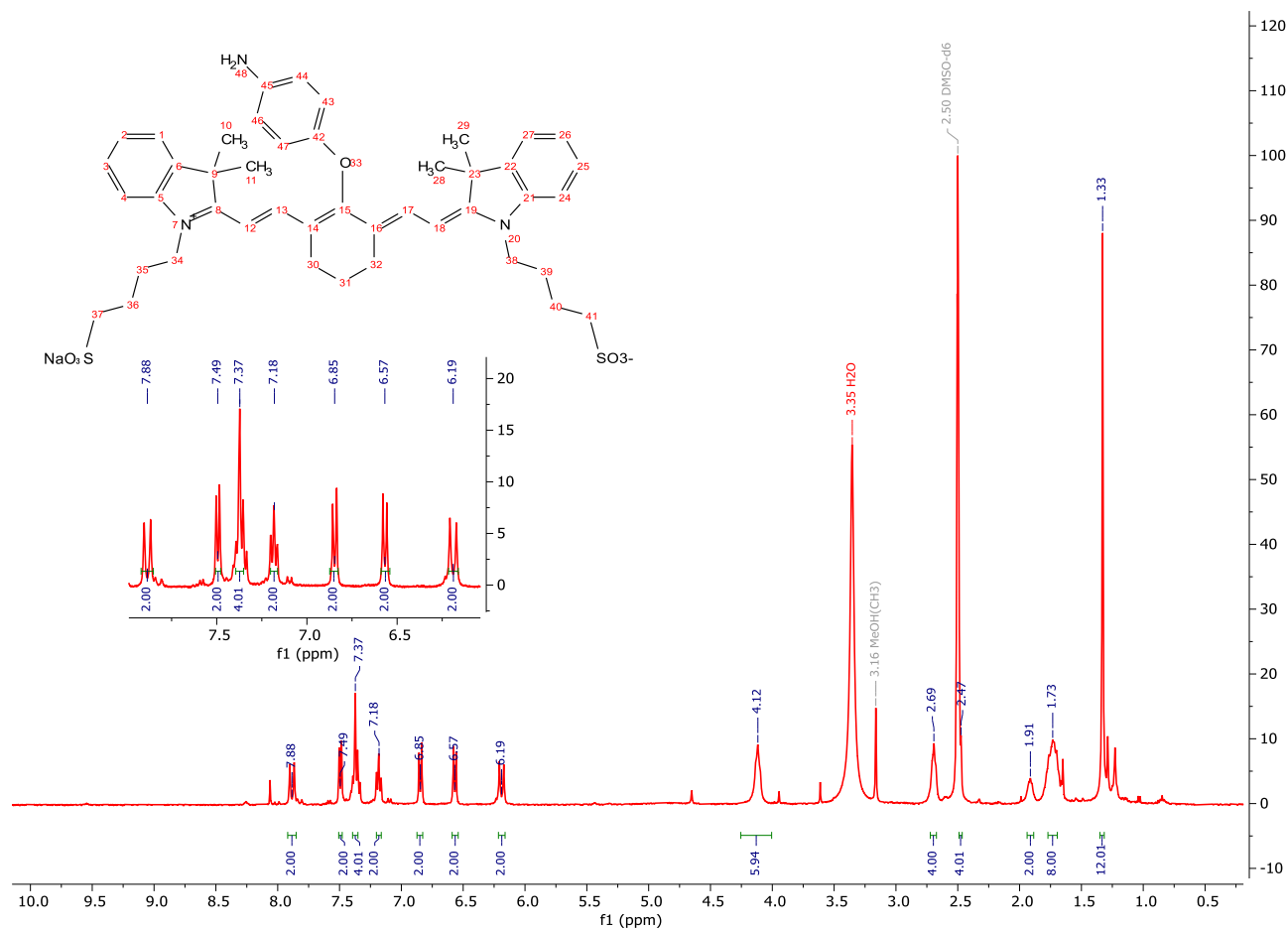
¹H-NMR spectrum of sodium 4-((E)-2-((E)-2-(2-(3-aminophenoxy)-3-((E)-2-(3,3-dimethyl-1-(4-sulfonatobutyl)-3H-indol-1-ium-2-yl)vinyl)cyclohex-2-en-1-ylidene)ethylidene)-3,3-dimethylindolin-1-yl)butane-1-sulfonate (4b)



^{13}C -NMR spectrum of sodium 4-((E)-2-((E)-2-(2-(3-aminophenoxy)-3-((E)-2-(3,3-dimethyl-1-(4-sulfonatobutyl)-3H-indol-1-ium-2-yl)vinyl)cyclohex-2-en-1-ylidene)ethylidene)-3,3-dimethylindolin-1-yl)butane-1-sulfonate (4b)



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^{13}C -NMR spectrum sodium 4-((E)-2-((E)-2-(2-(4-aminophenoxy)-3-((E)-2-(3,3-dimethyl-1-(4-sulfonatobutyl)-3H-indol-1-ium-2-yl)vinyl)cyclohex-2-en-1-ylidene)ethylidene)-3,3-dimethylindolin-1-yl)butane-1-sulfonate (4c)

