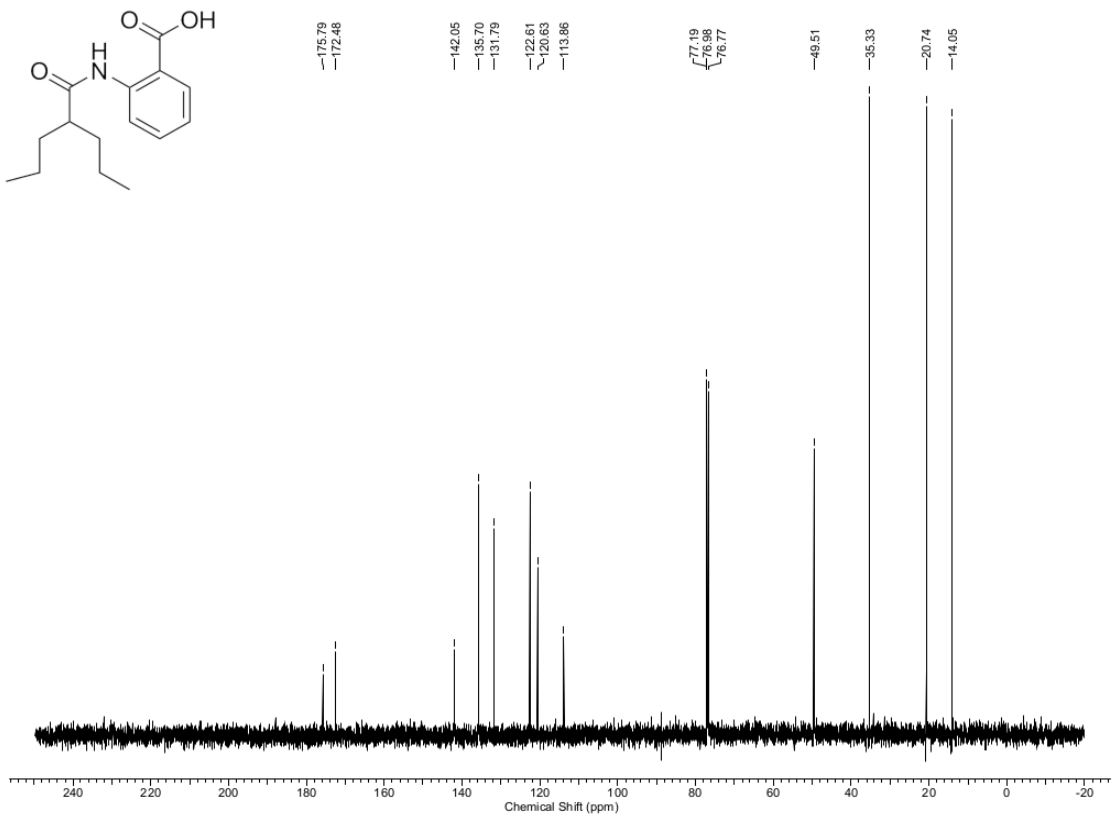
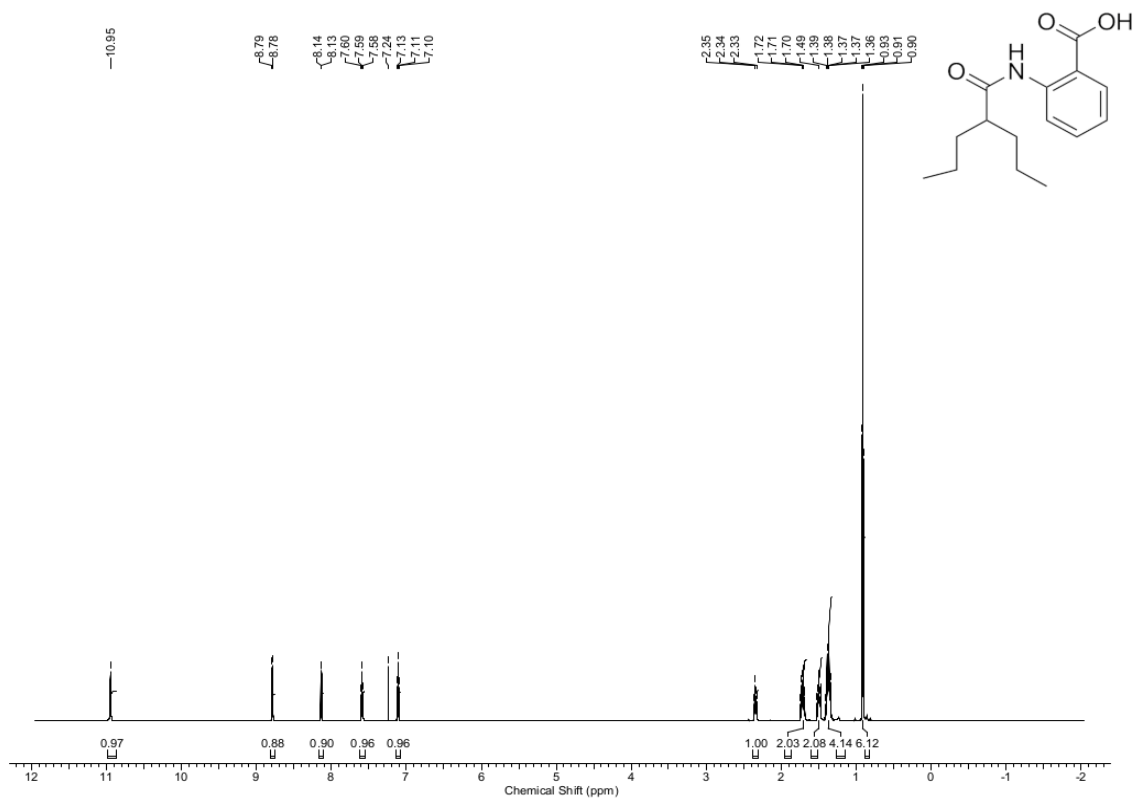


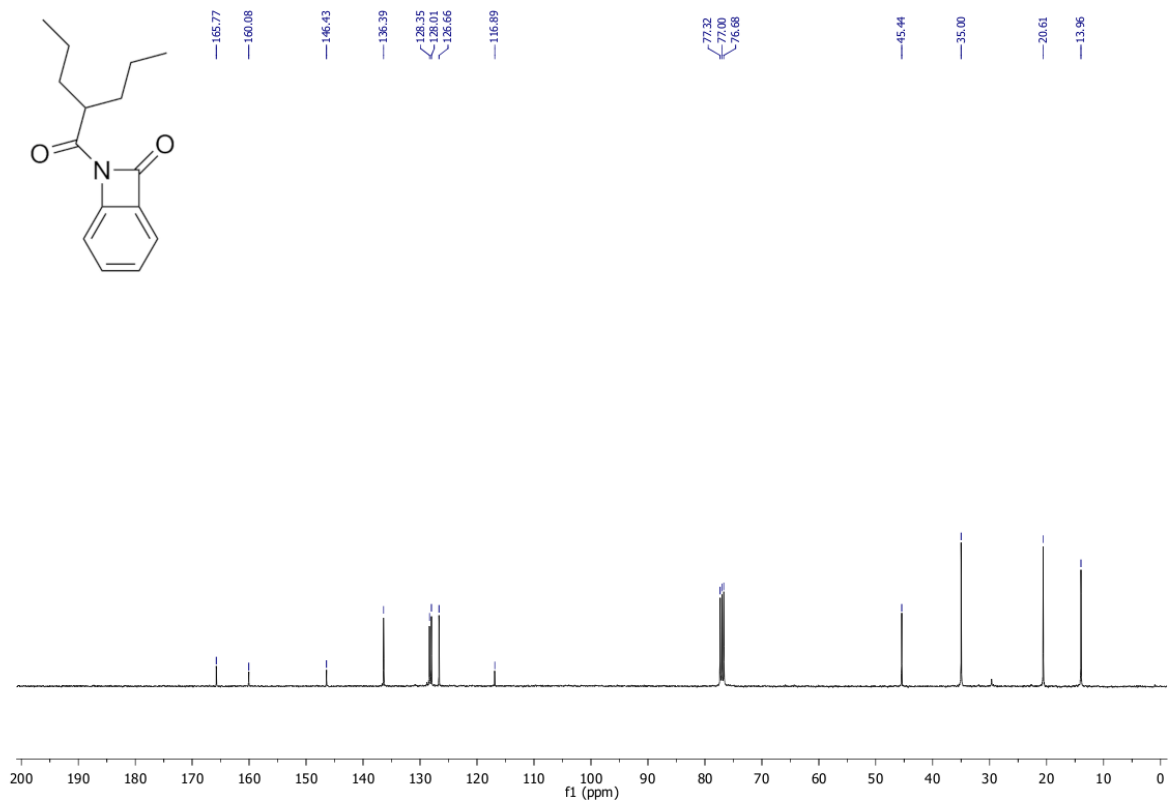
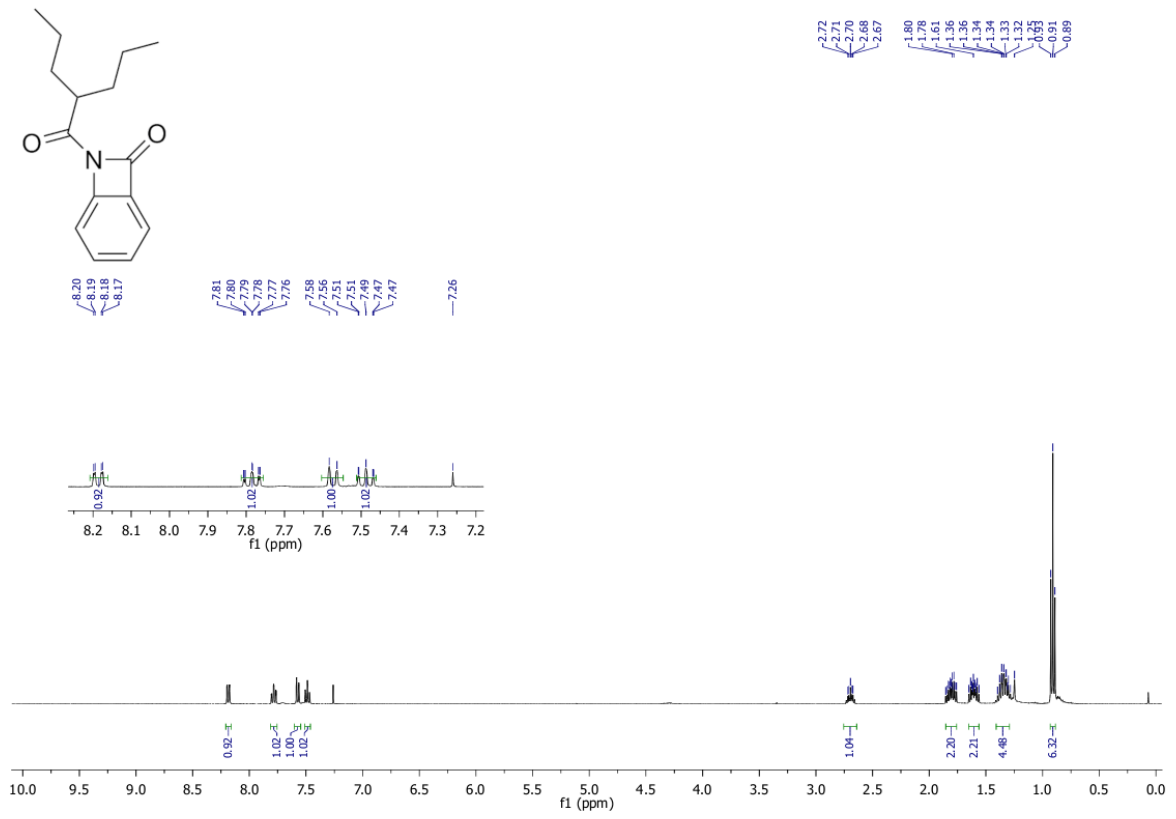
# **Biomimetic and Bioinspired Molecular Electrets. How to Make Them and Why Does the Established Peptide Chemistry NOT Always Work? (Supplemental Material)**

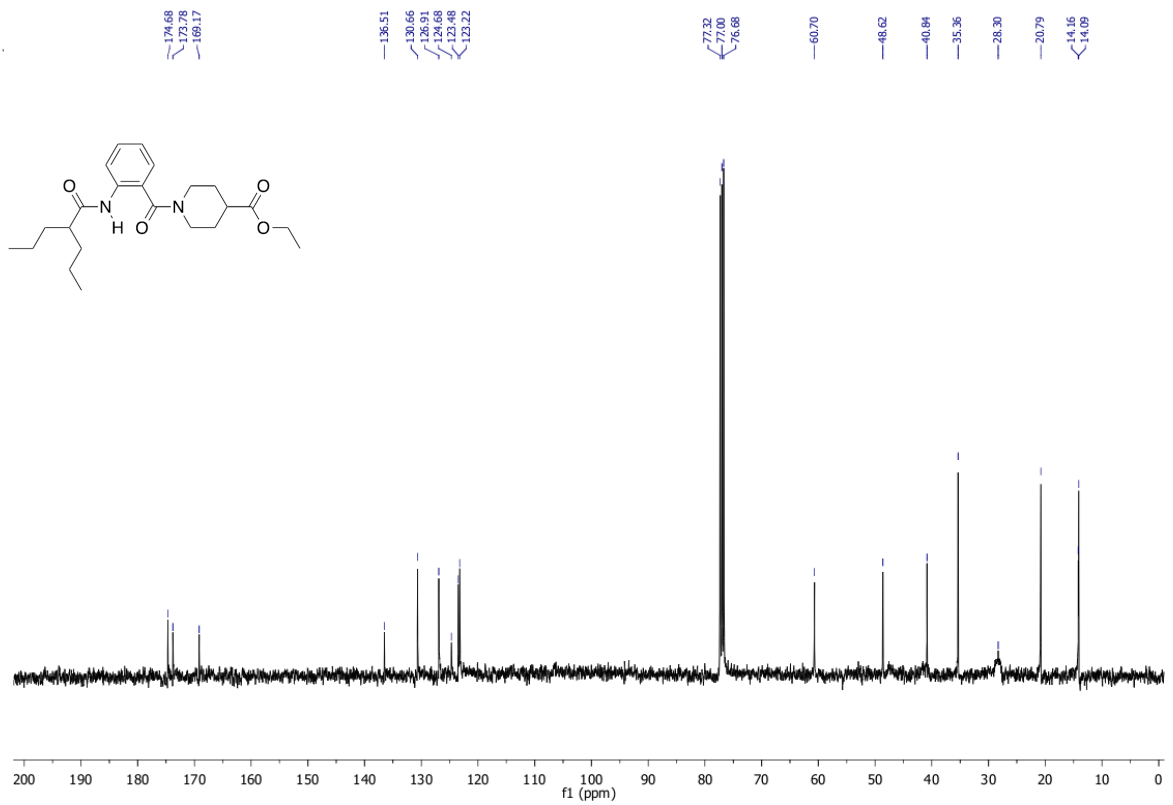
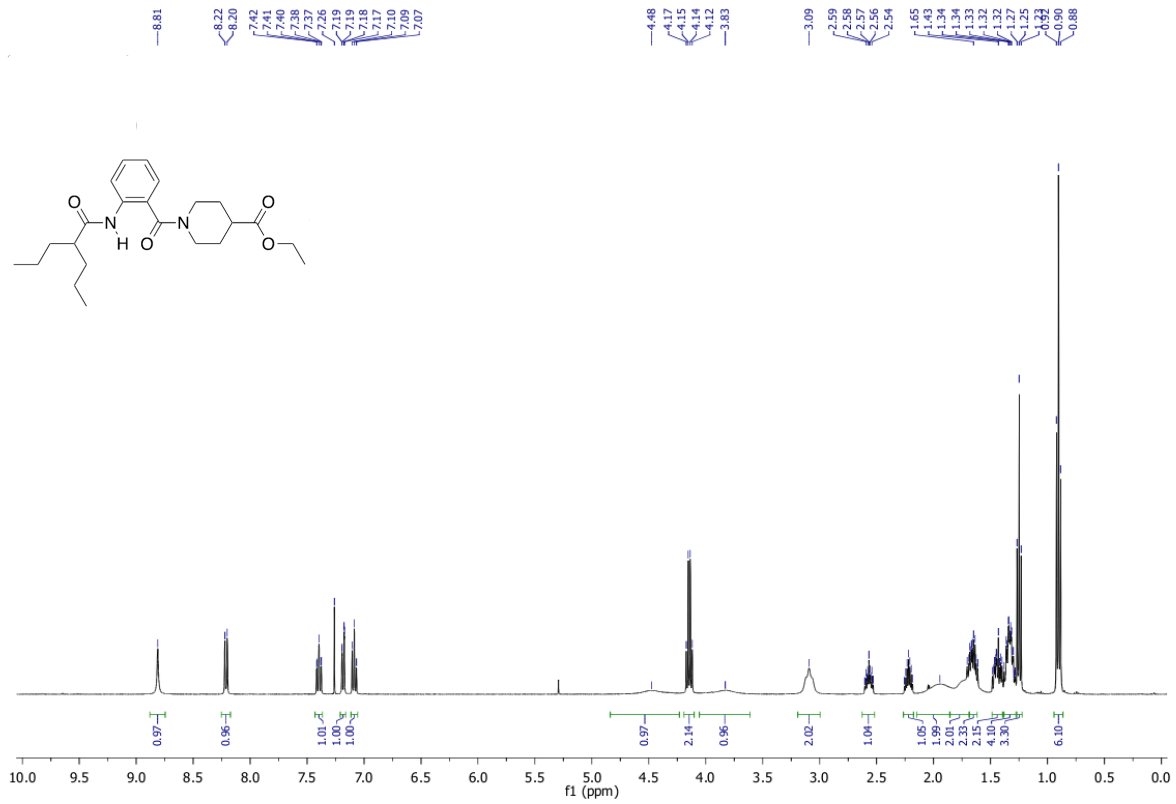
Kamil Skonieczny,<sup>a,b,#</sup> Eli M. Espinoza,<sup>c</sup> James B. Derr,<sup>d</sup> Maryann Morales,<sup>c</sup> Jillian M. Clinton,<sup>a,&</sup> Bing Xia<sup>e</sup> and Valentine I. Vullev<sup>\*,a,c,d,f</sup>

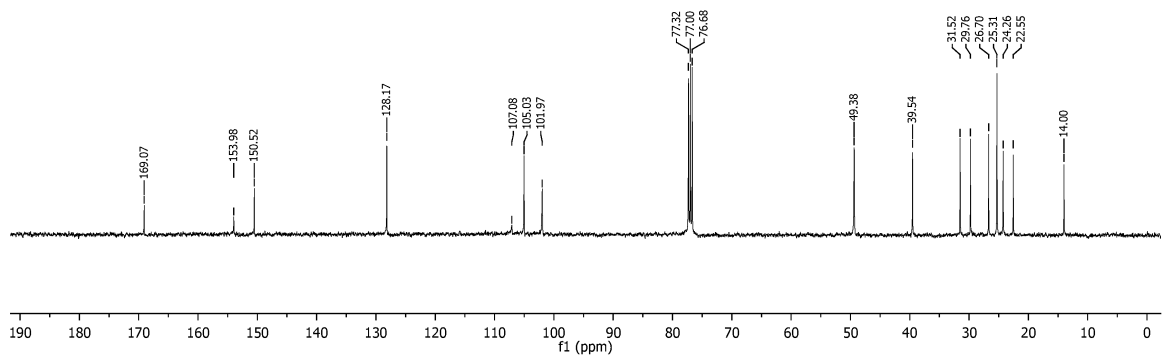
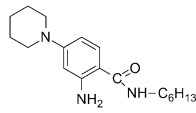
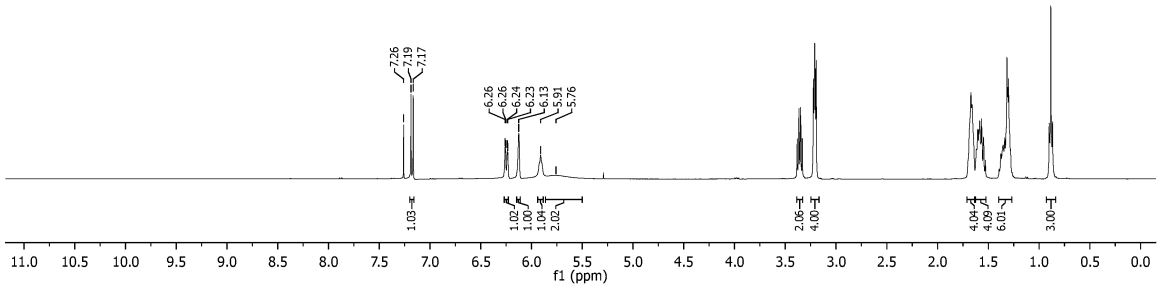
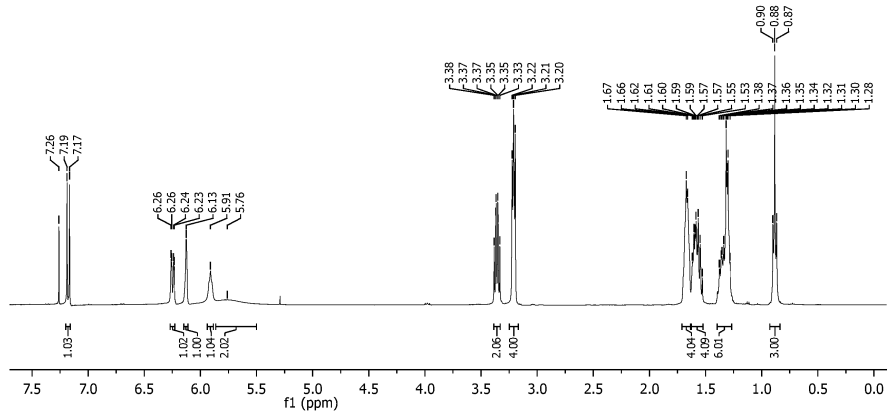
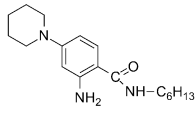
<sup>a</sup> Department of Bioengineering, University of California, Riverside, CA 92521, U.S.A. <sup>b</sup> Institute of Organic Chemistry, Polish Academy of Sciences, Kasprzaka 44-52, 01-224 Warsaw, Poland. <sup>c</sup> Department of Chemistry, University of California, Riverside, CA 92521, U.S.A. <sup>d</sup> Department of Biochemistry, University of California, Riverside, CA 92521, U.S.A. <sup>e</sup> GlaxoSmithKline, 200 Cambridgepark Dr., Cambridge, MA 02140, U.S.A. <sup>f</sup> Materials Science and Engineering Program, University of California, Riverside, CA 92521, U.S.A. # Present Address: College of Chemistry, University of California, Berkeley, CA 94720, U.S.A. & Present Address: Division of Chemistry and Chemical Engineering, California Institute of Technology, Pasadena, CA 921125, U.S.A.

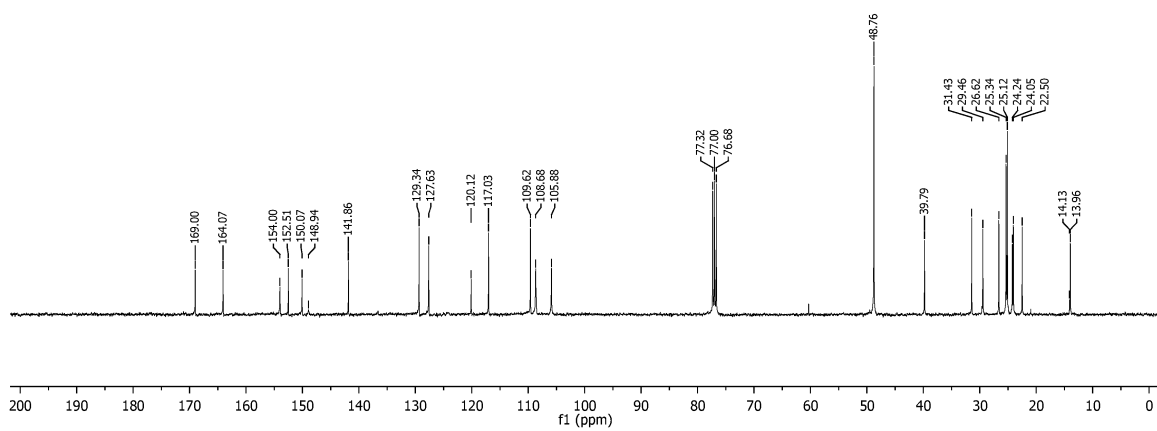
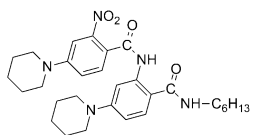
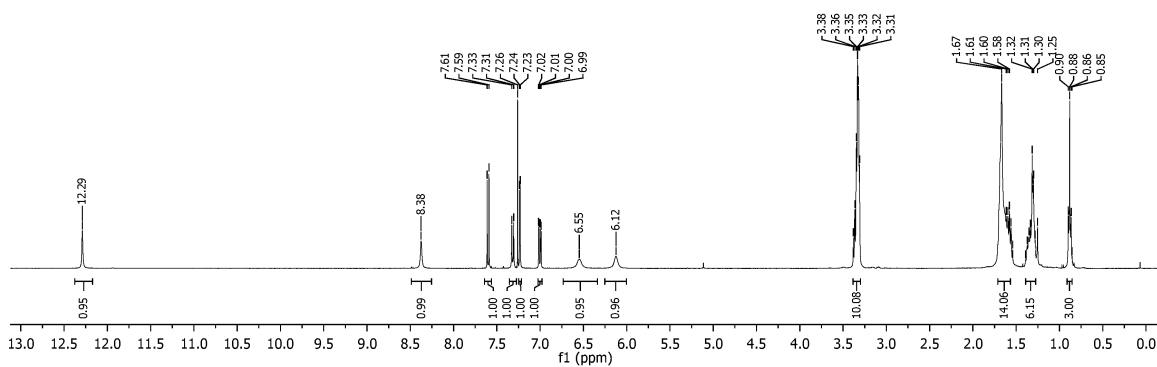
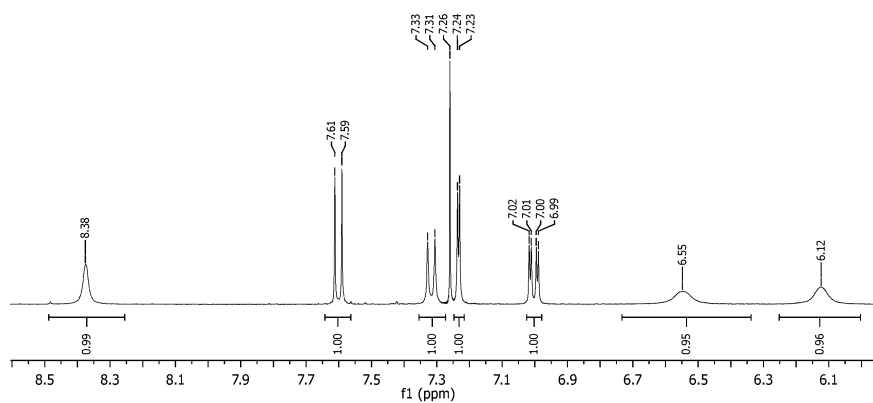
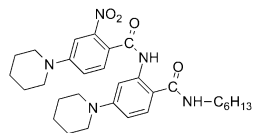
**<sup>1</sup>H and <sup>13</sup>C NMR spectra of the compounds shown on Fig. 2 and Schemes 1, 2, and 3.**

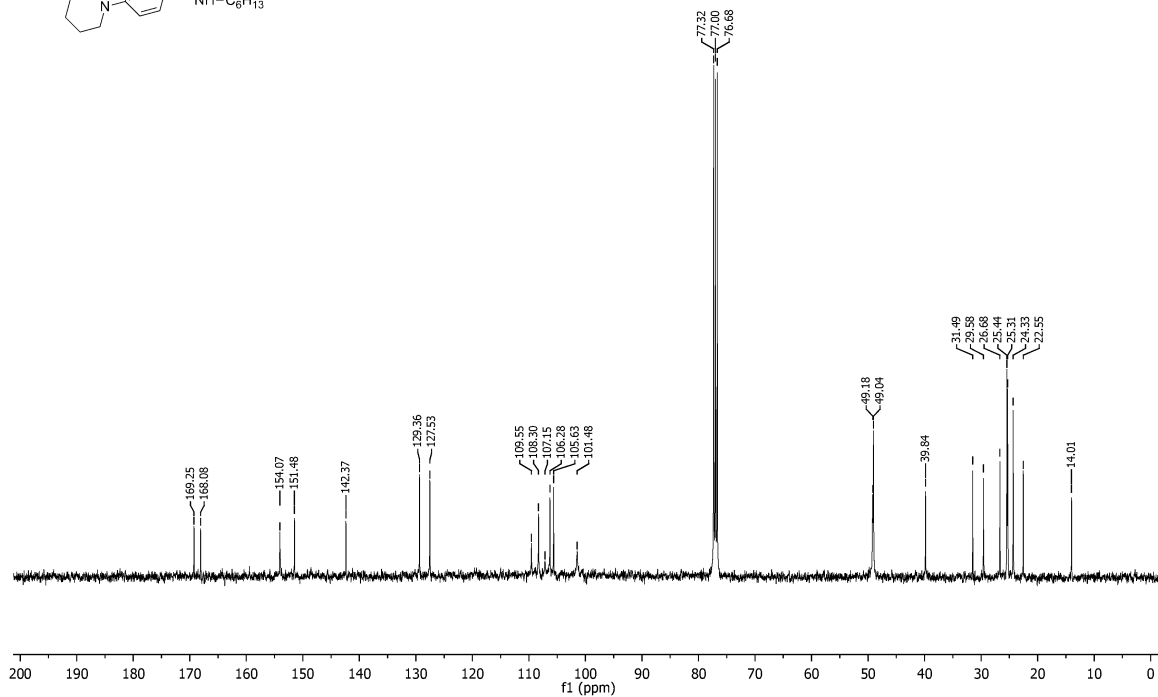
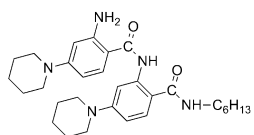
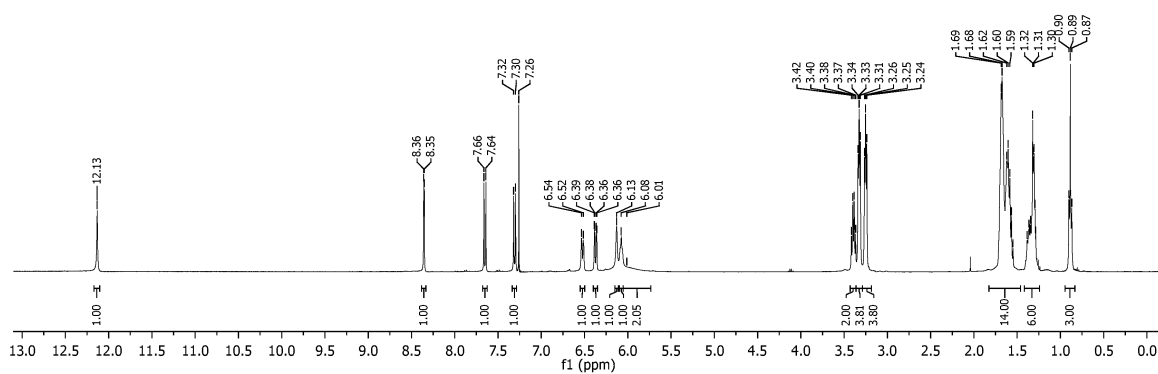
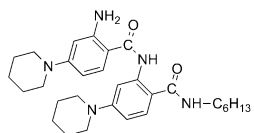


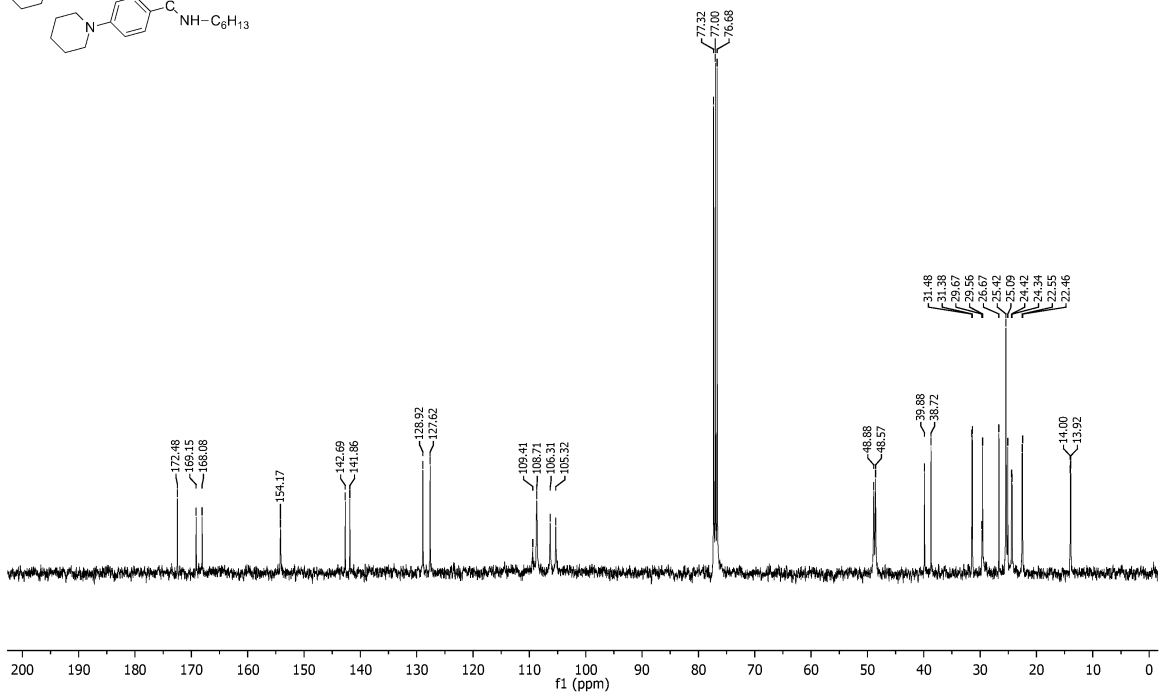
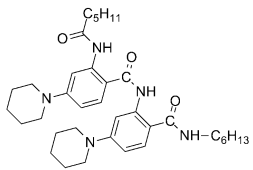
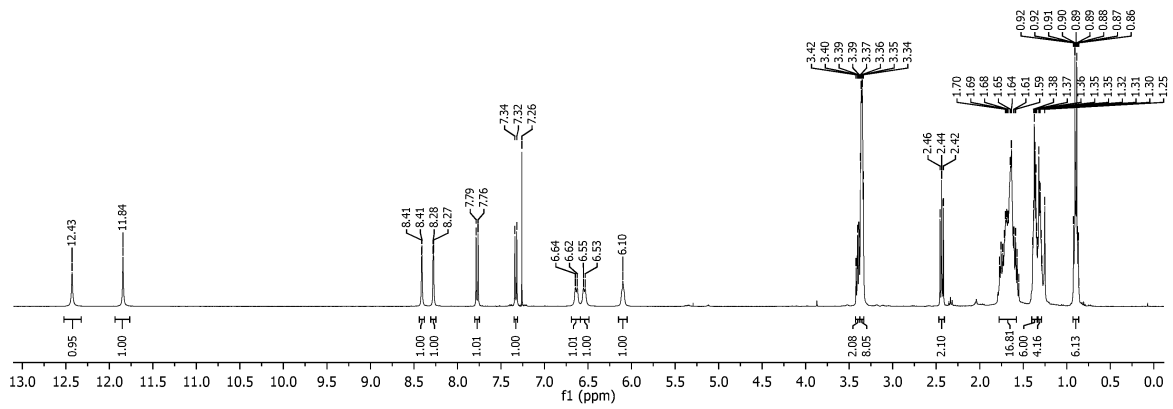
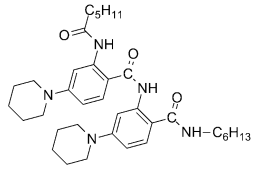




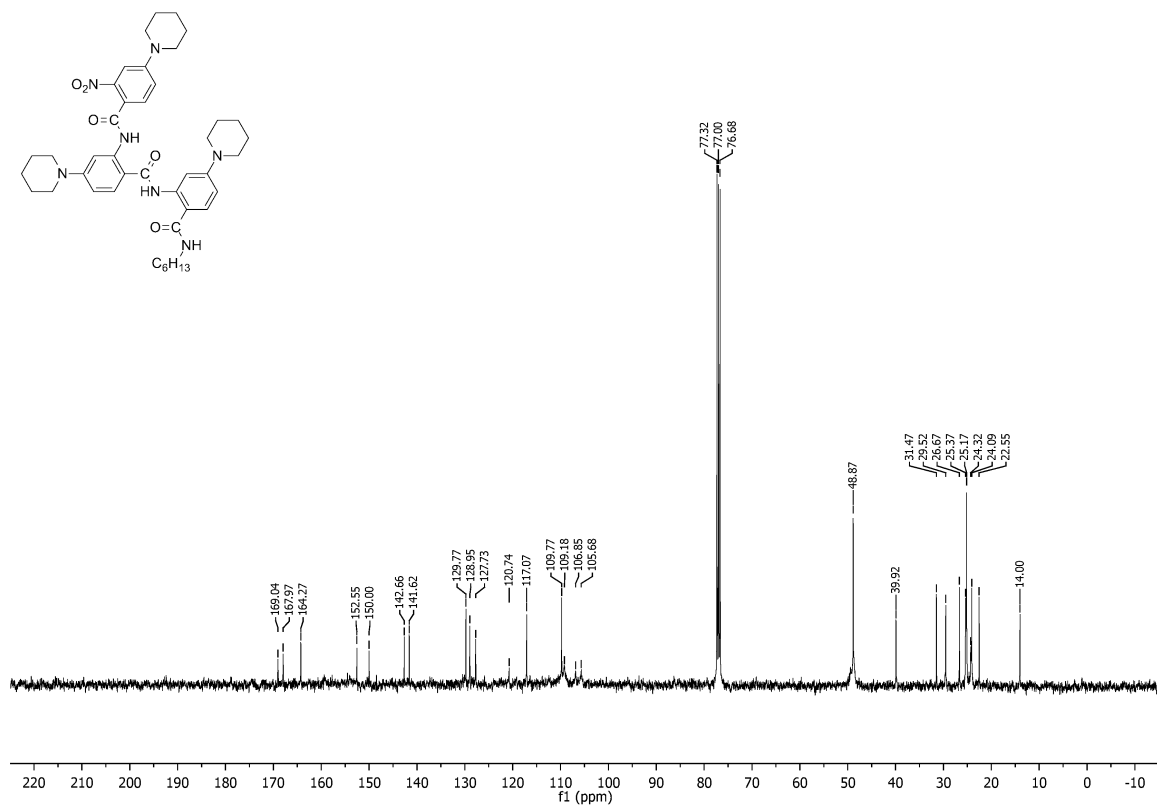
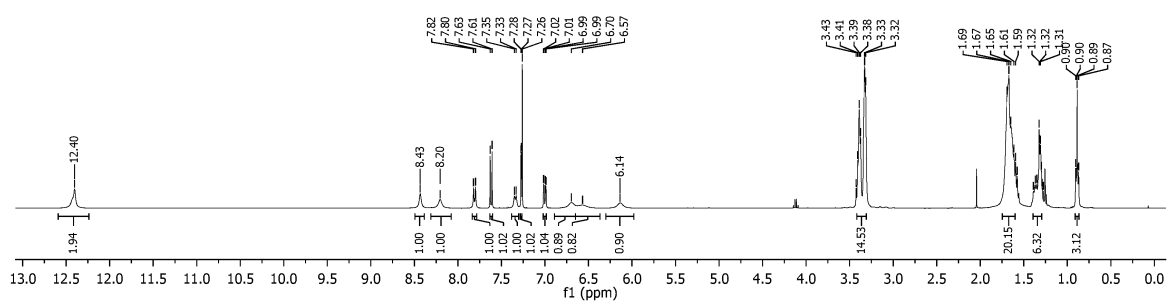
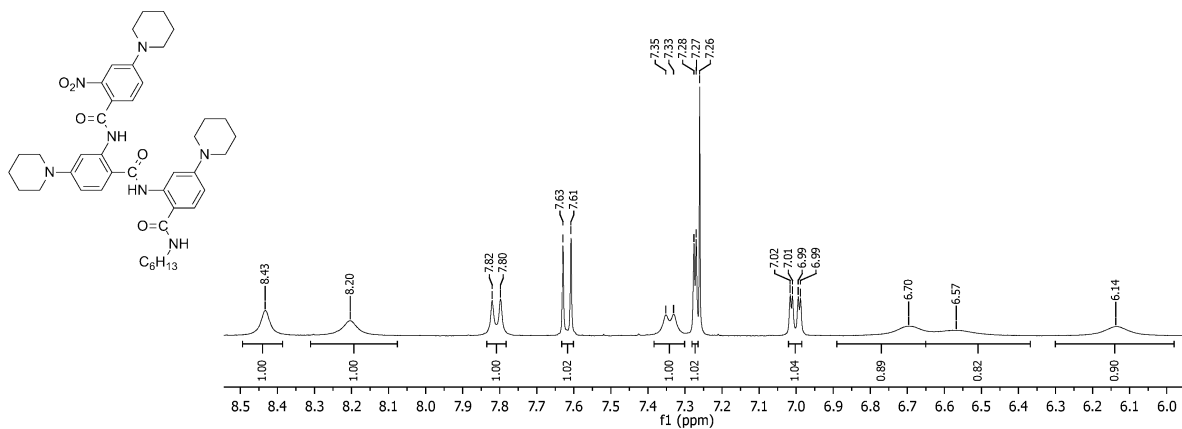


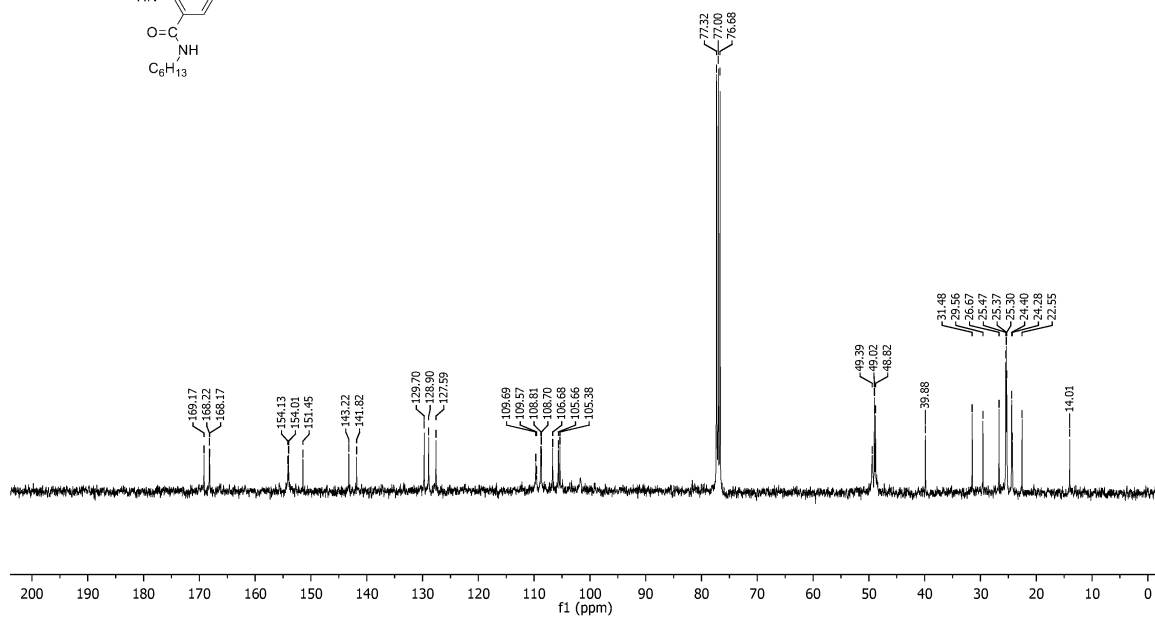
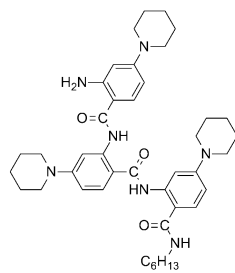
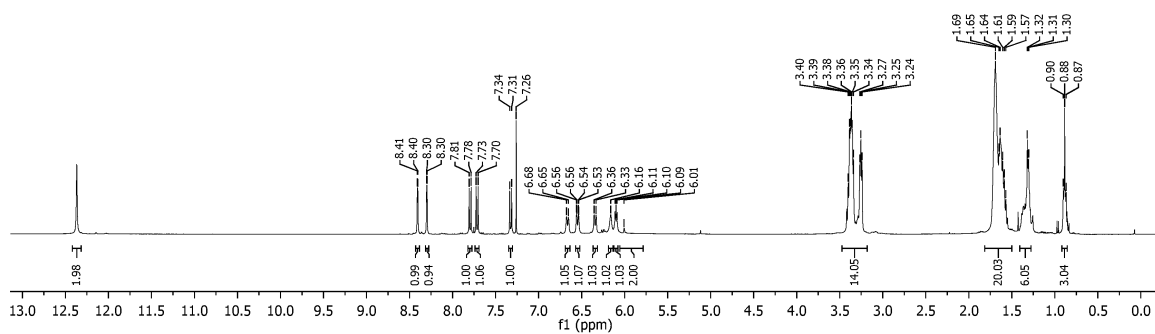
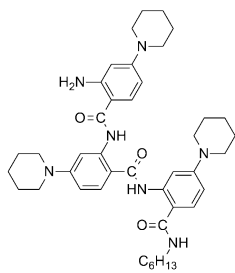




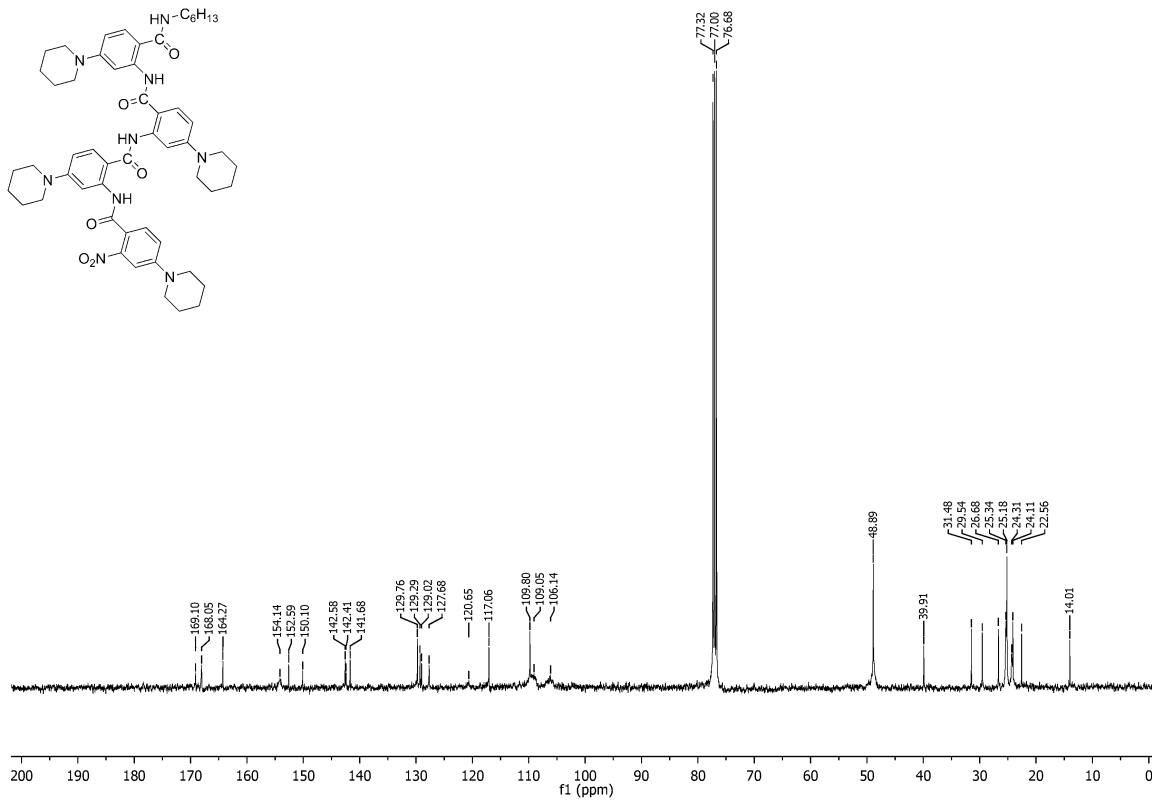
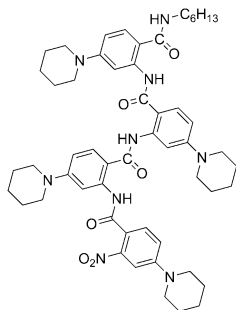
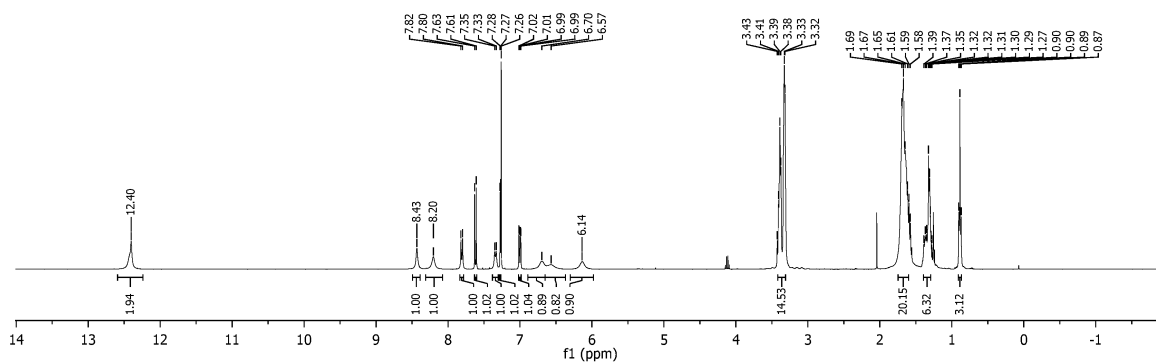
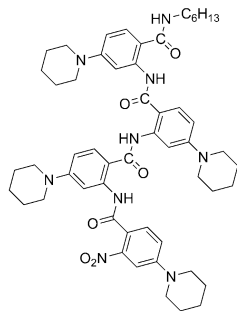


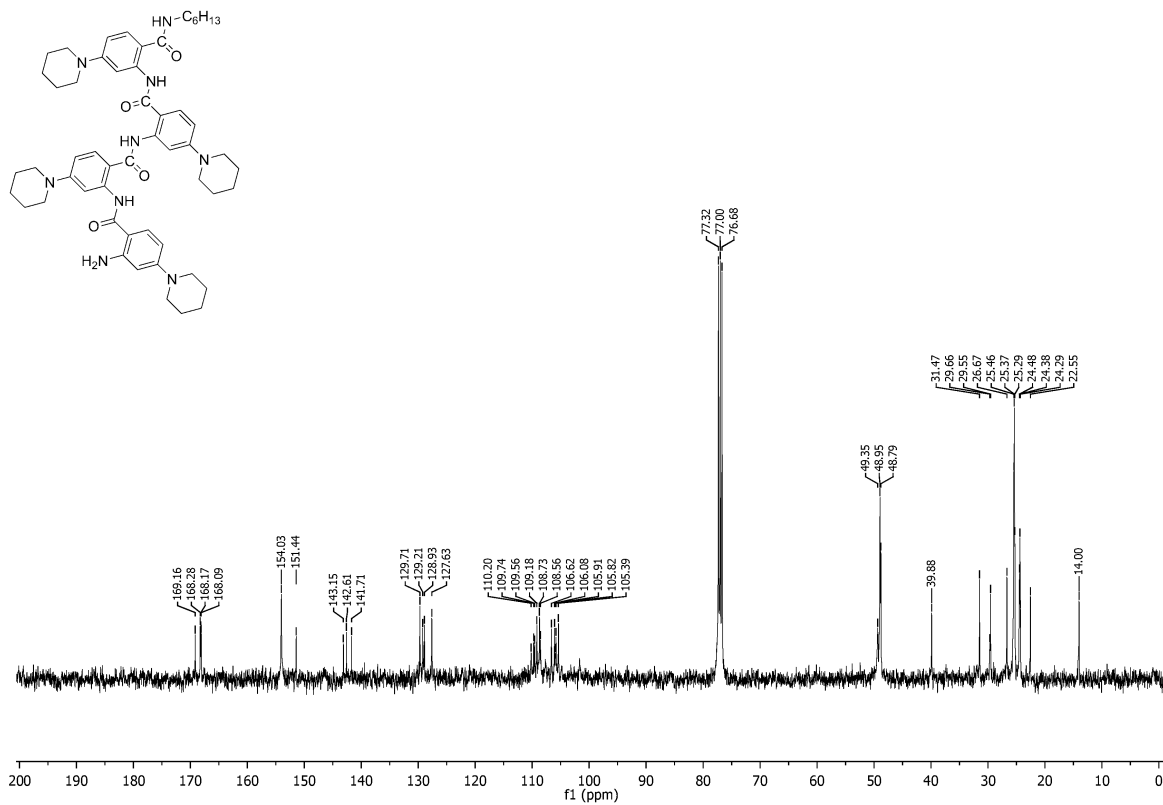
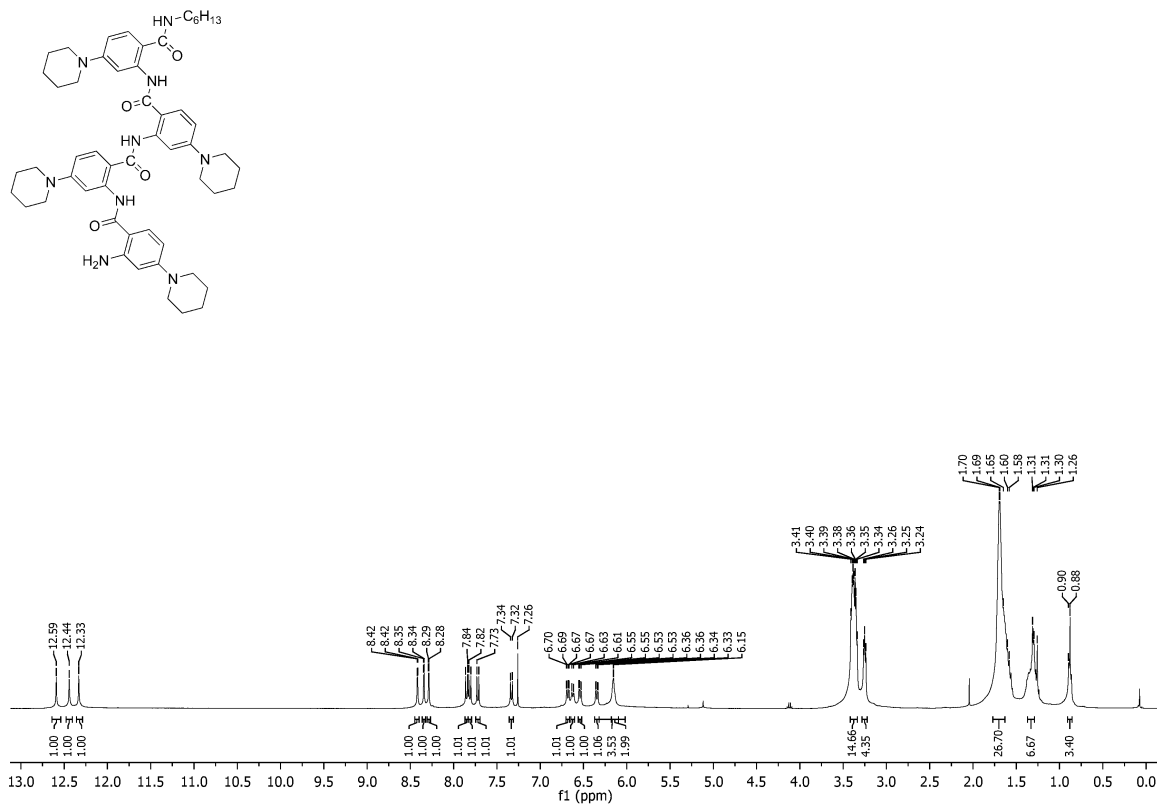


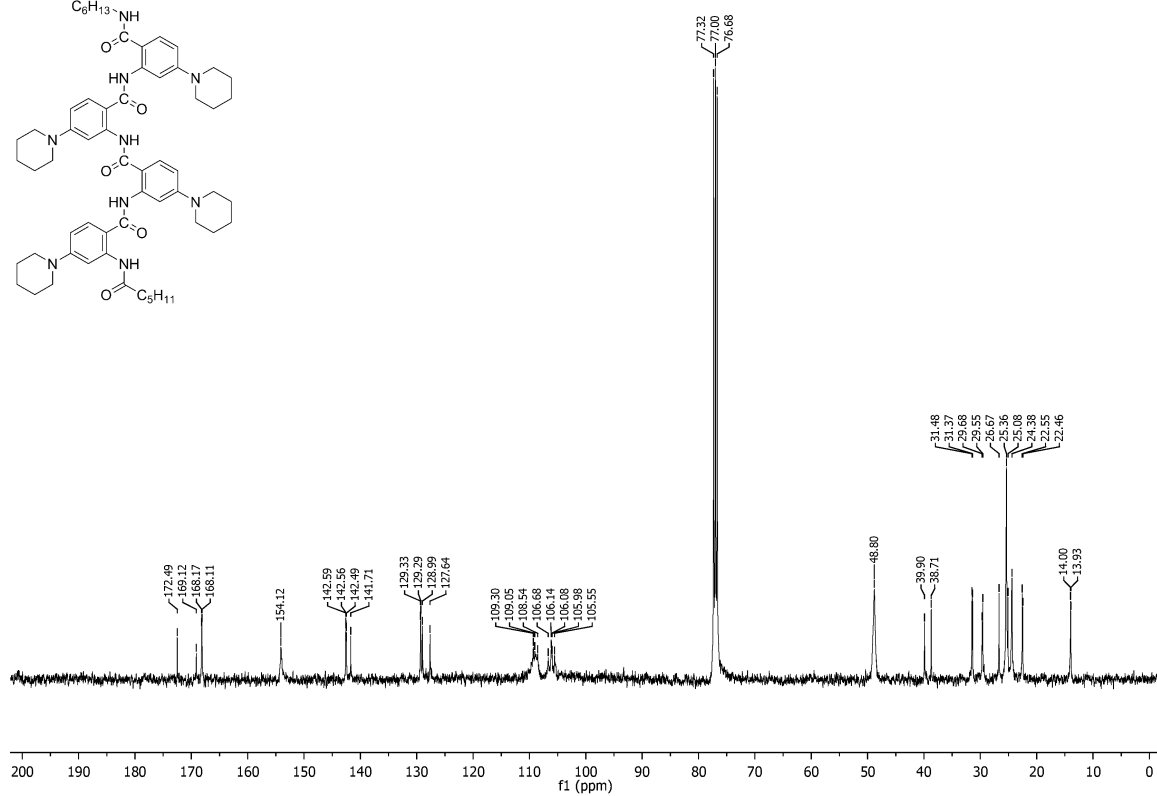
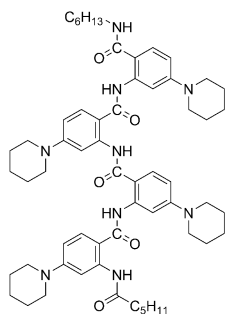
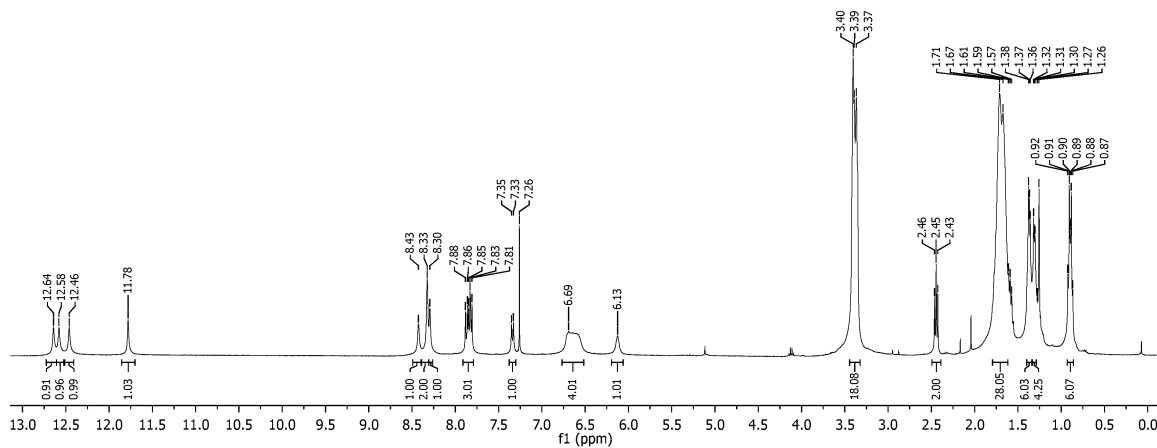
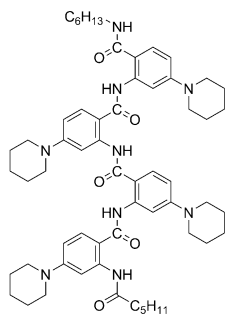


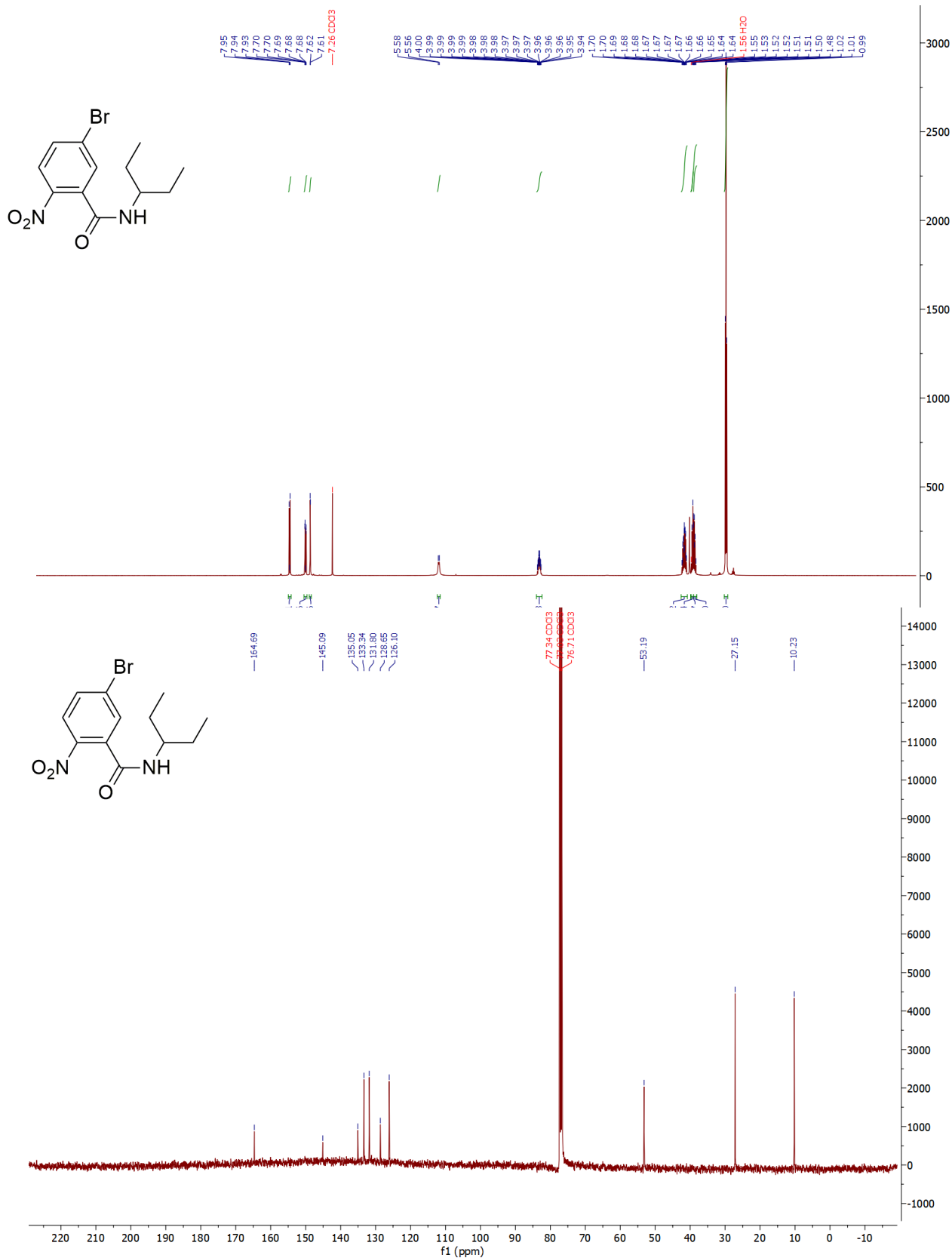












(a) <sup>1</sup>H NMR of **14** (600 MHz, CDCl<sub>3</sub>); (b) <sup>13</sup>C NMR of **14** (101 MHz, CDCl<sub>3</sub>)

