

Supplementary Material (ESI) for Organic and Biomolecular Chemistry

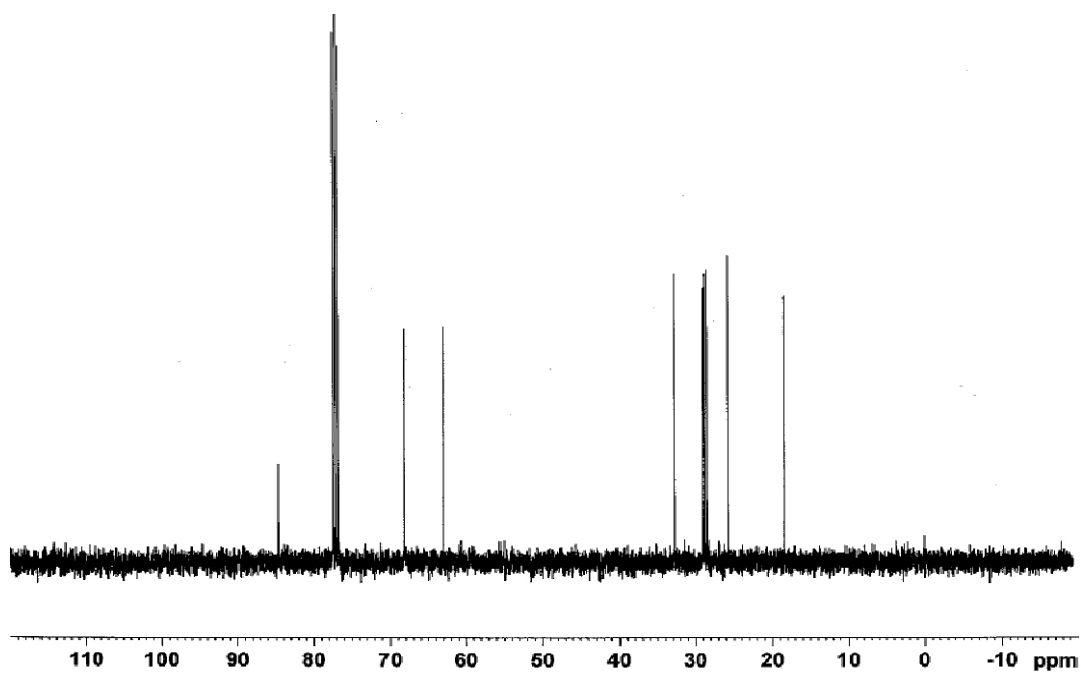
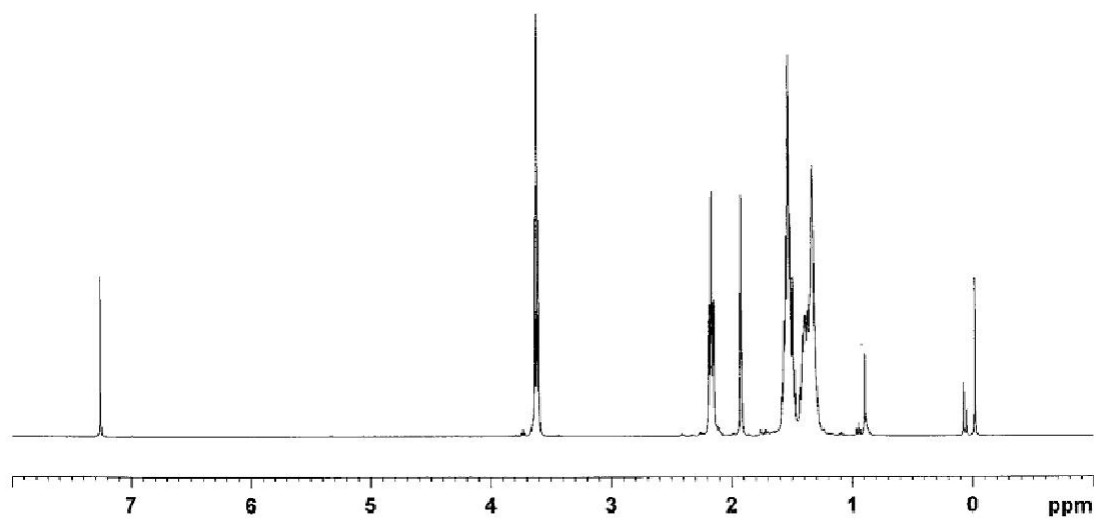
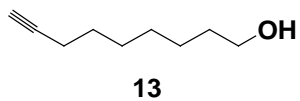
This journal is © The Royal Society of Chemistry 2013

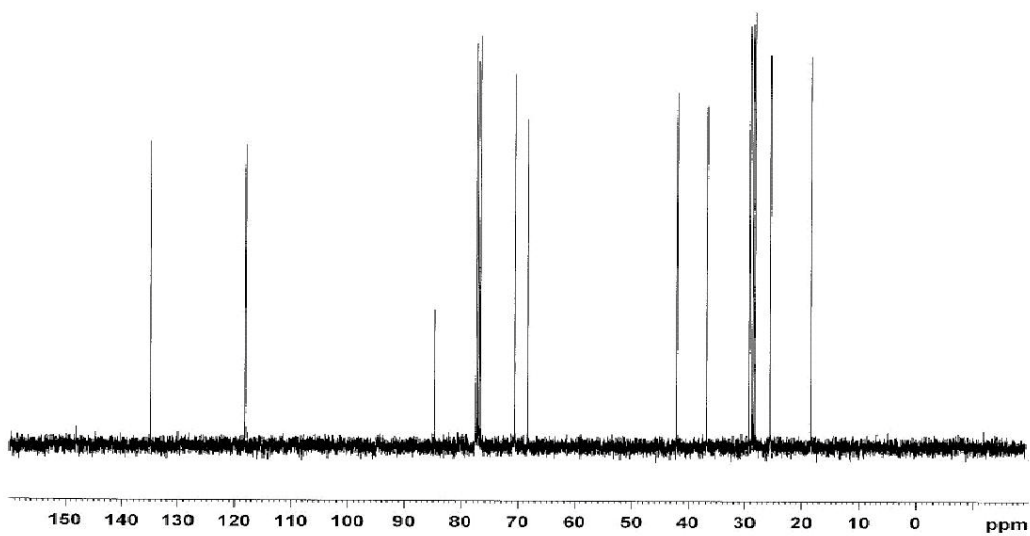
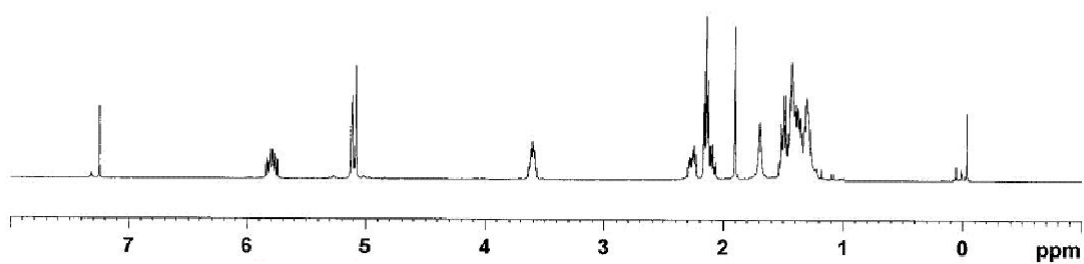
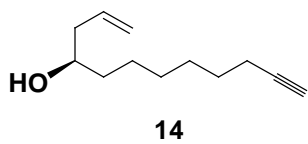
## Electronic Supporting Information (ESI) for:

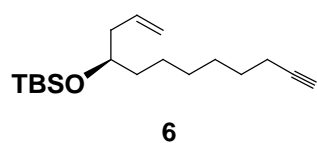
First Convergent Total Synthesis of Penarolide Sulfate A<sub>2</sub>,

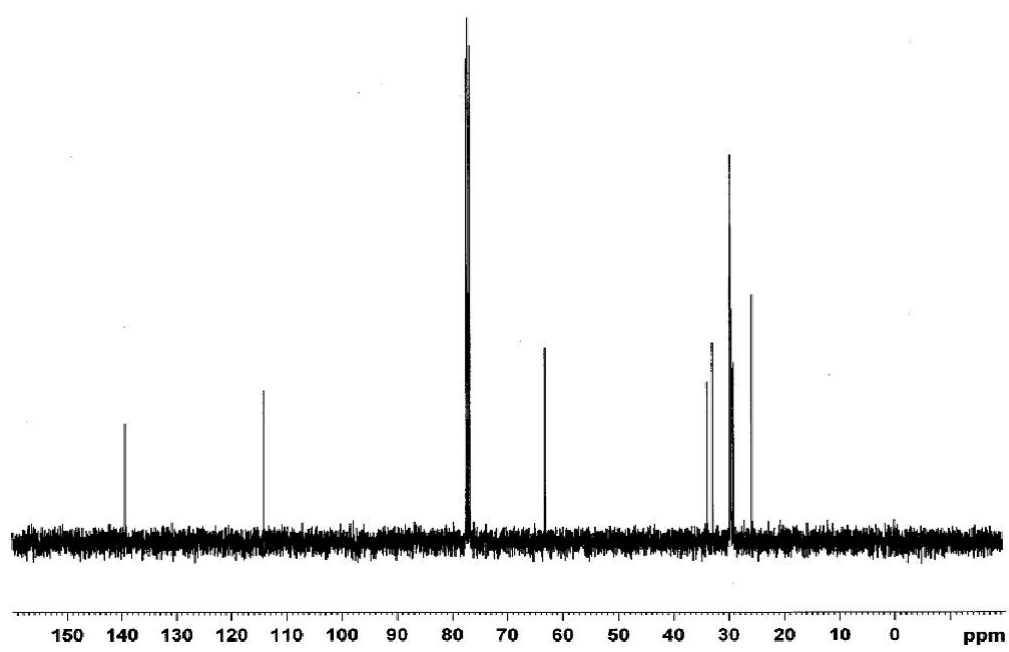
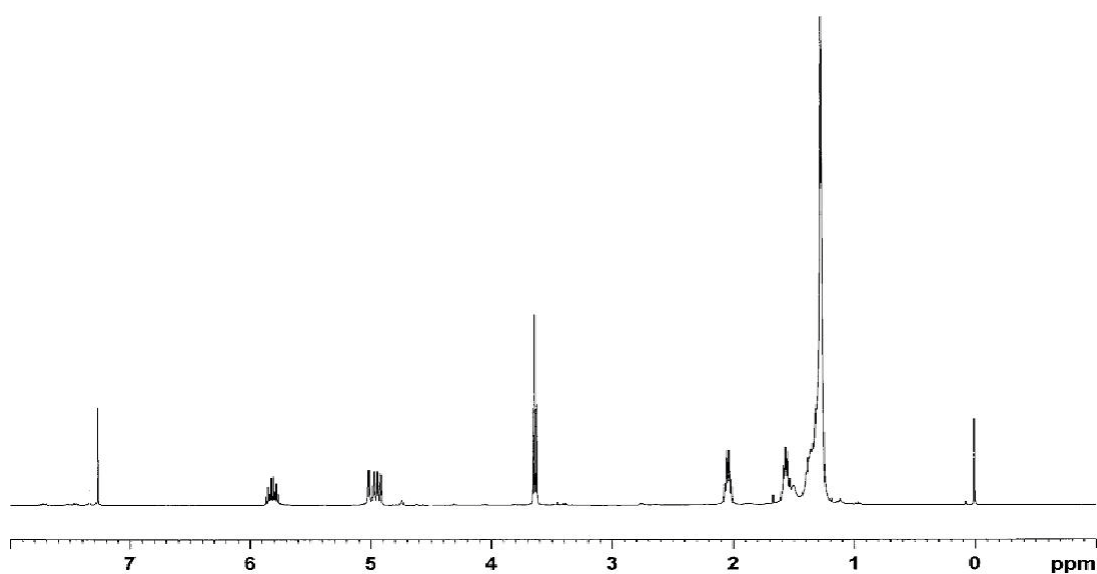
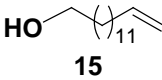
A Novel  $\alpha$ -glucosidase Inhibitor

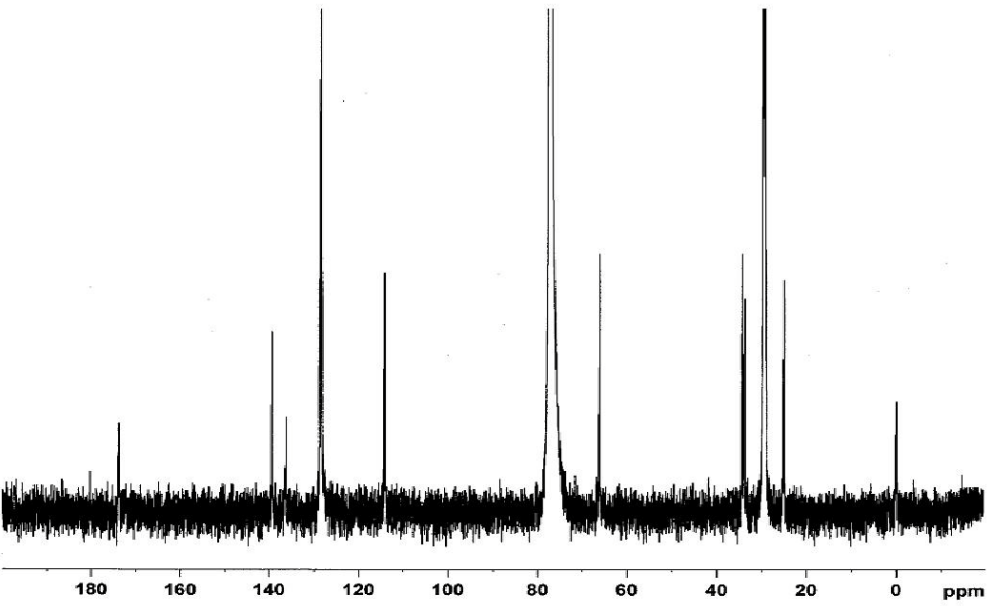
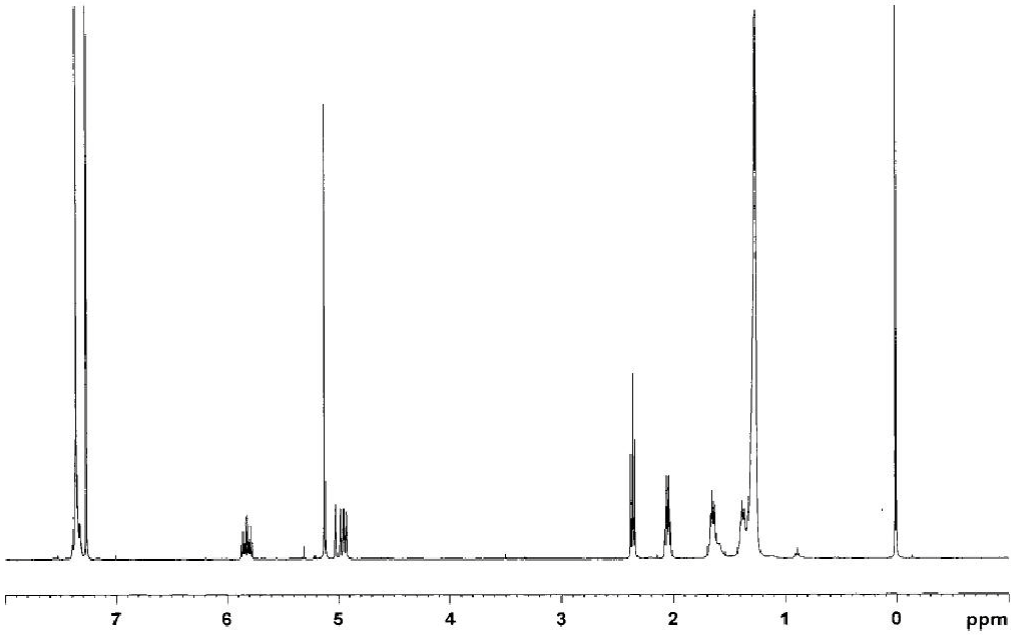
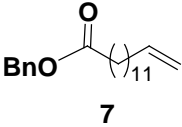
Contents	Page
<sup>1</sup> H NMR and <sup>13</sup> C NMR Spectra	S2-S16
H-H COSY for compound <b>23</b>	S17
<sup>1</sup> H NMR and <sup>13</sup> C NMR Spectra for compound <b>2</b>	S18
<sup>1</sup> H NMR and <sup>13</sup> C NMR Spectra for compound <b>2</b> compared with natural product	S19-S20

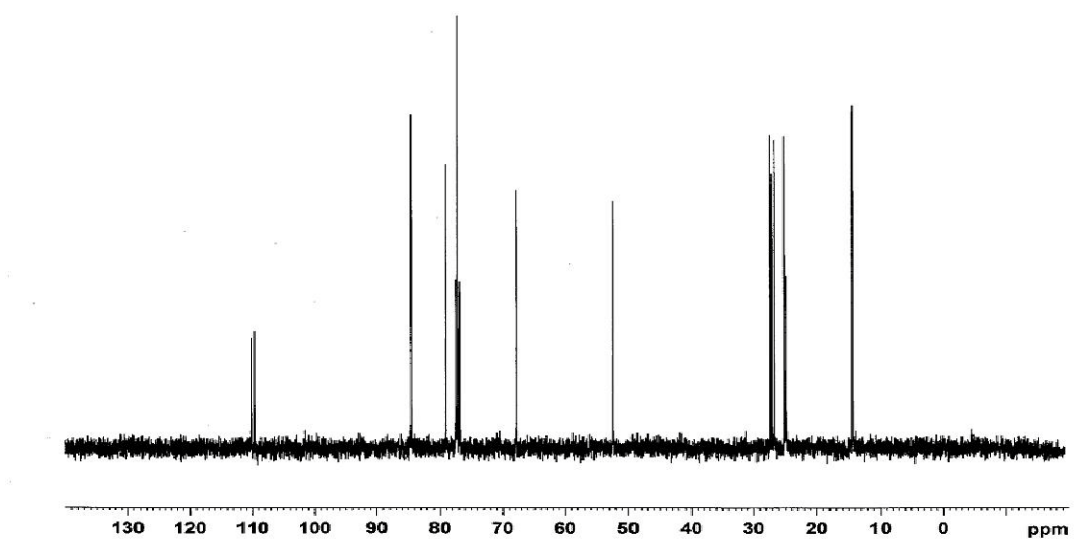
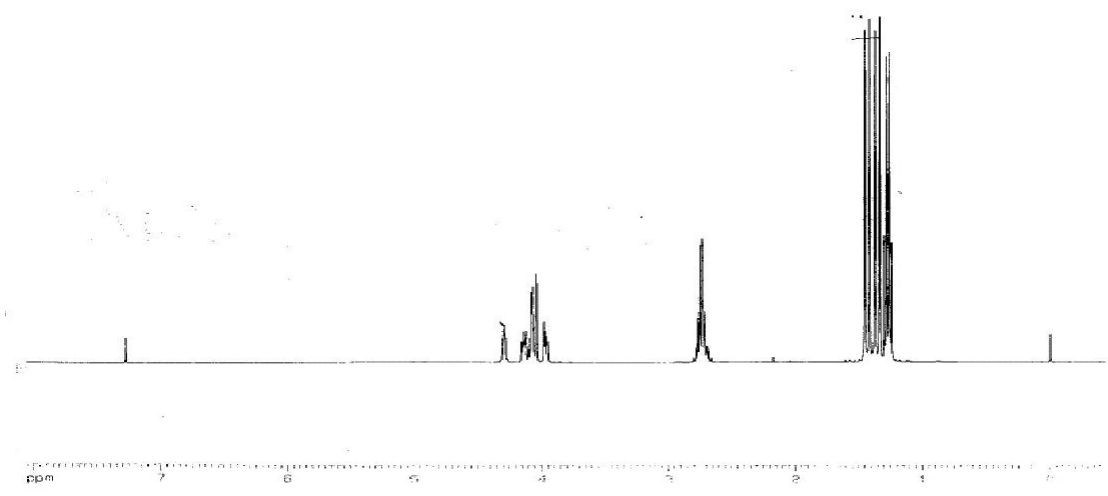
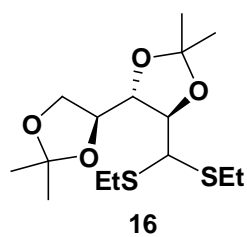


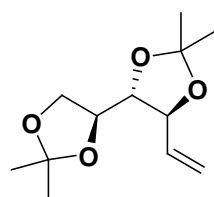




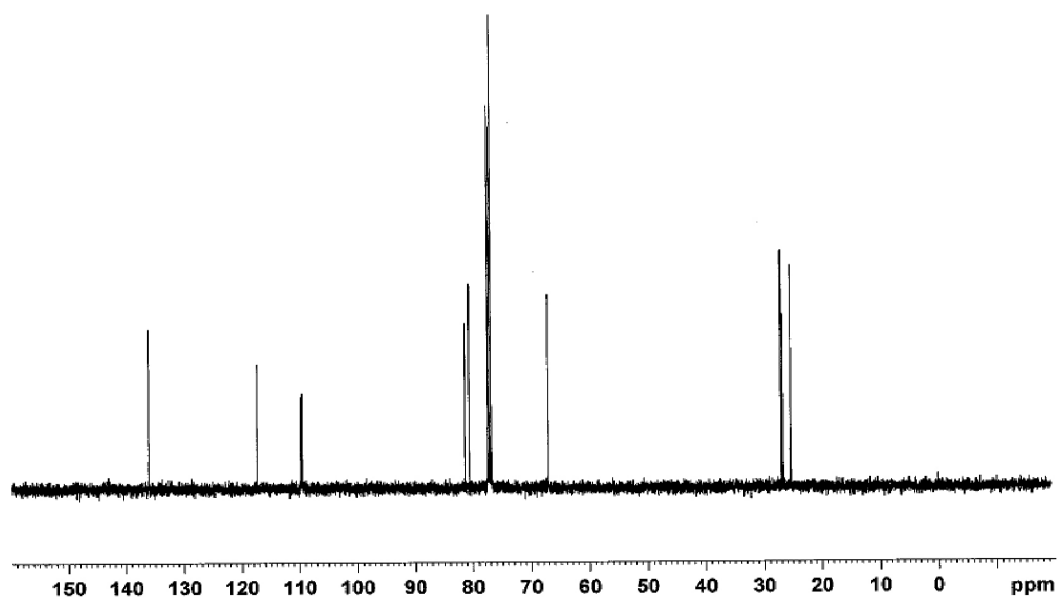
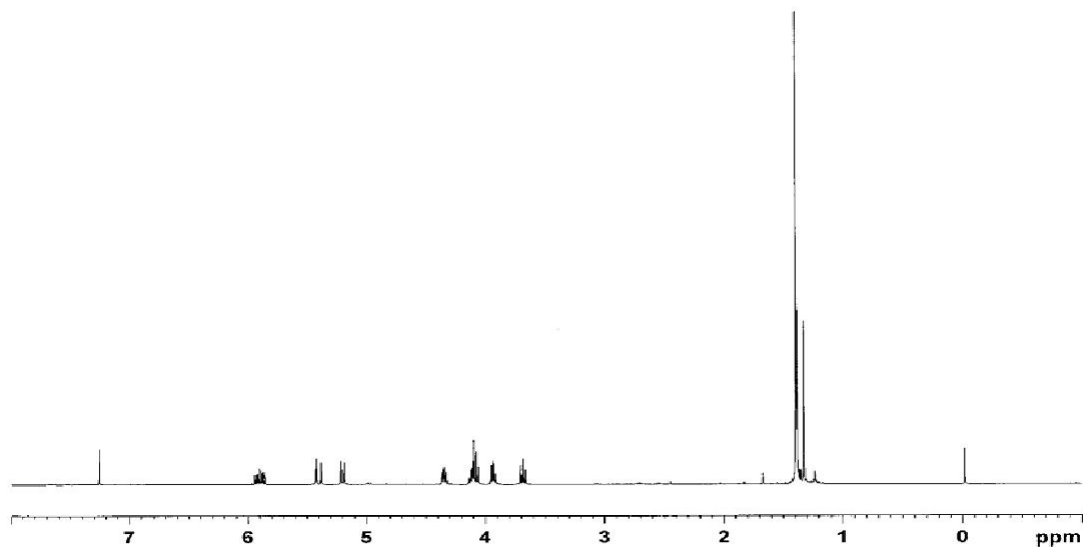




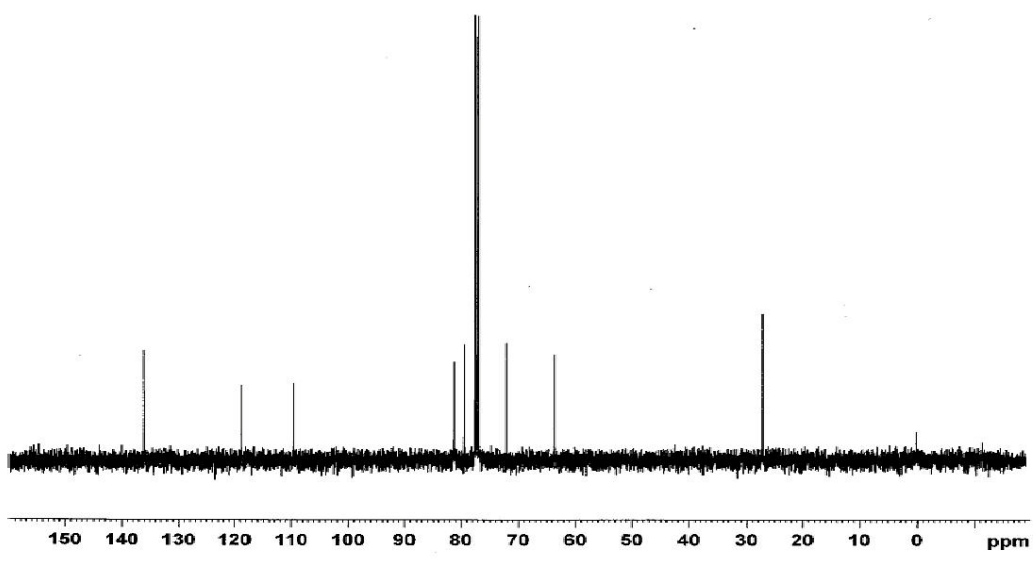
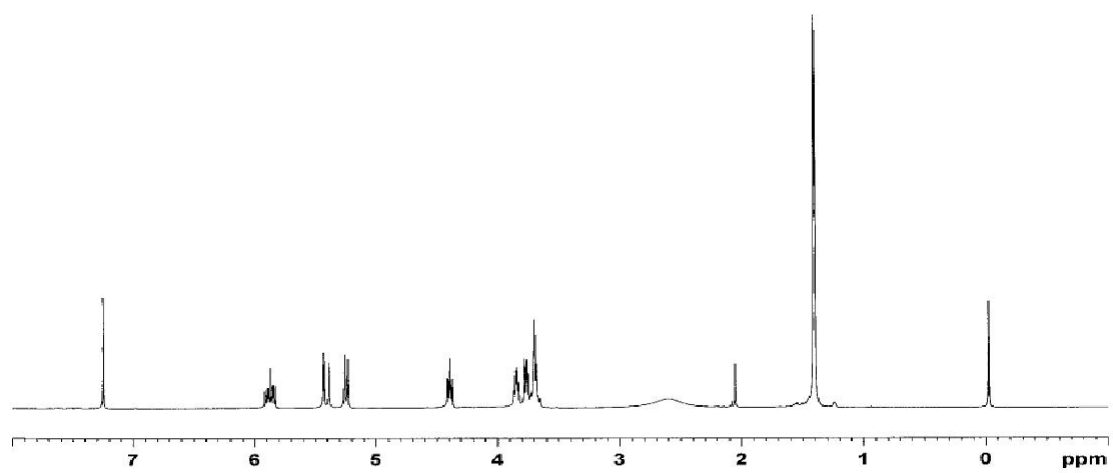
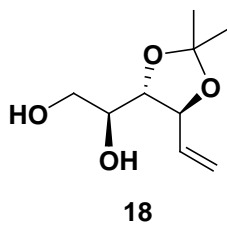


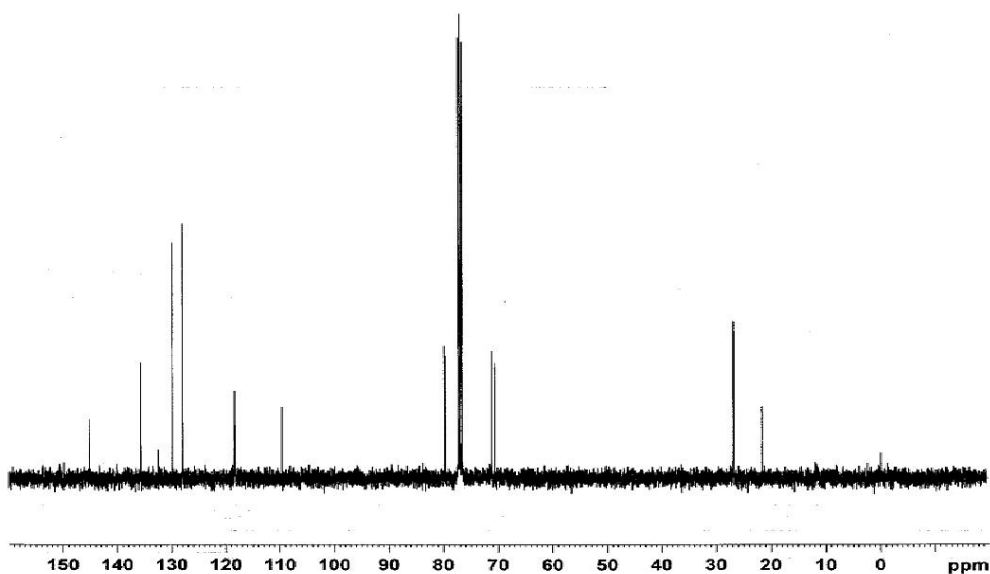
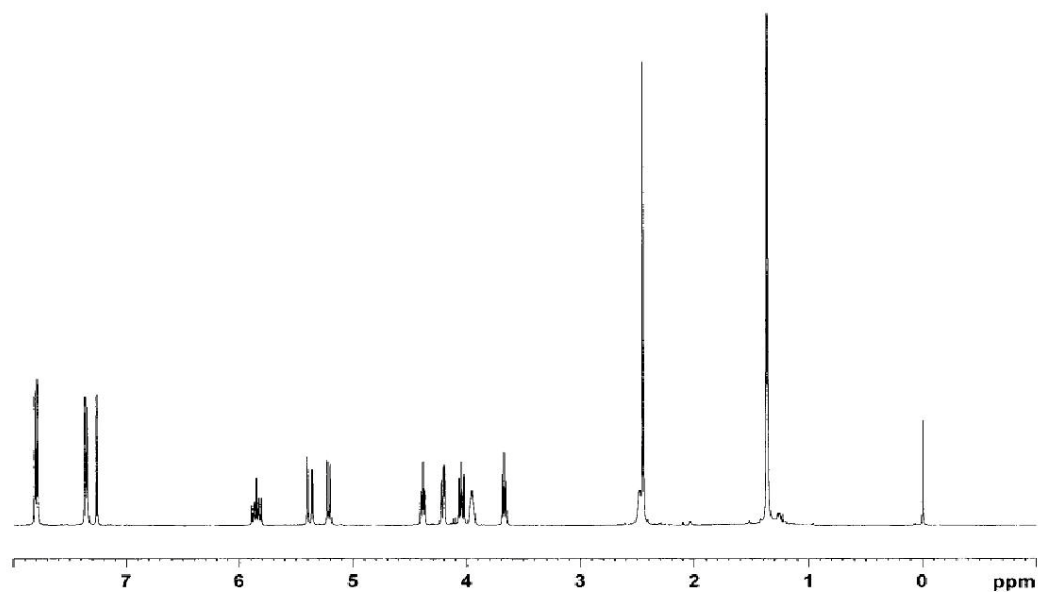
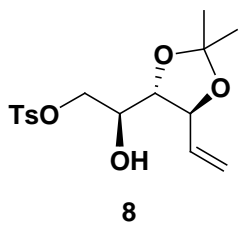


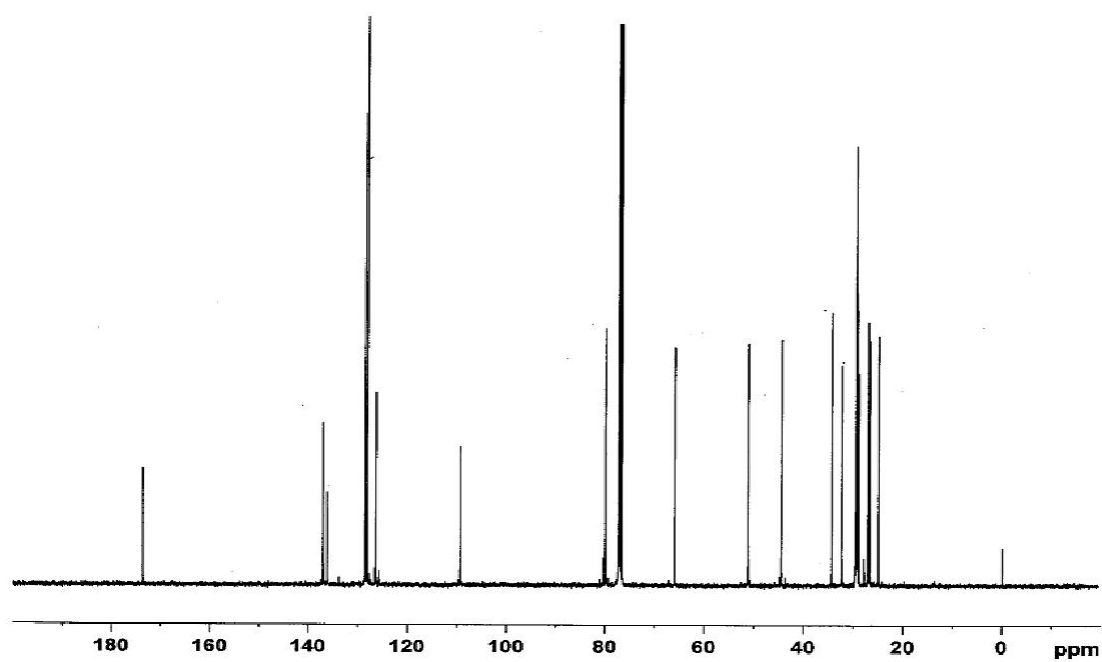
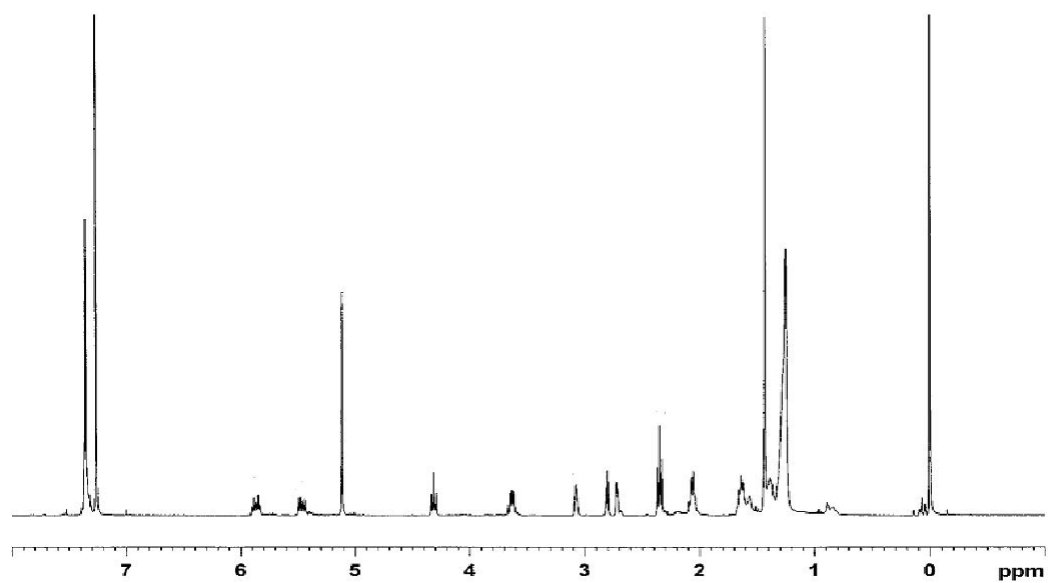
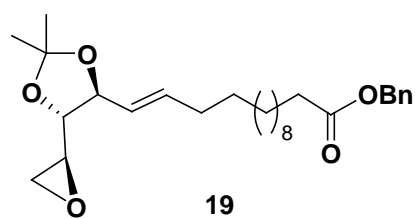
17

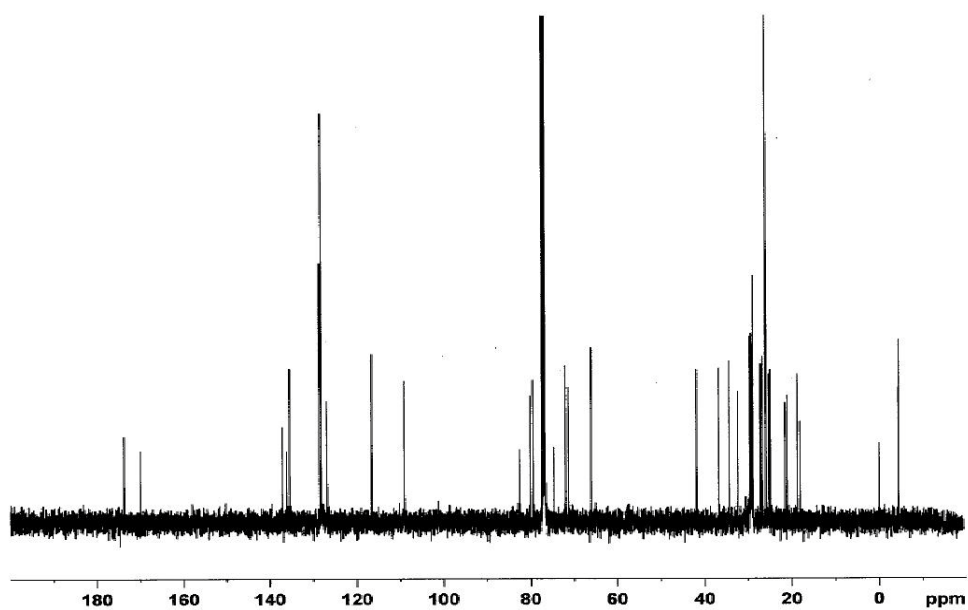
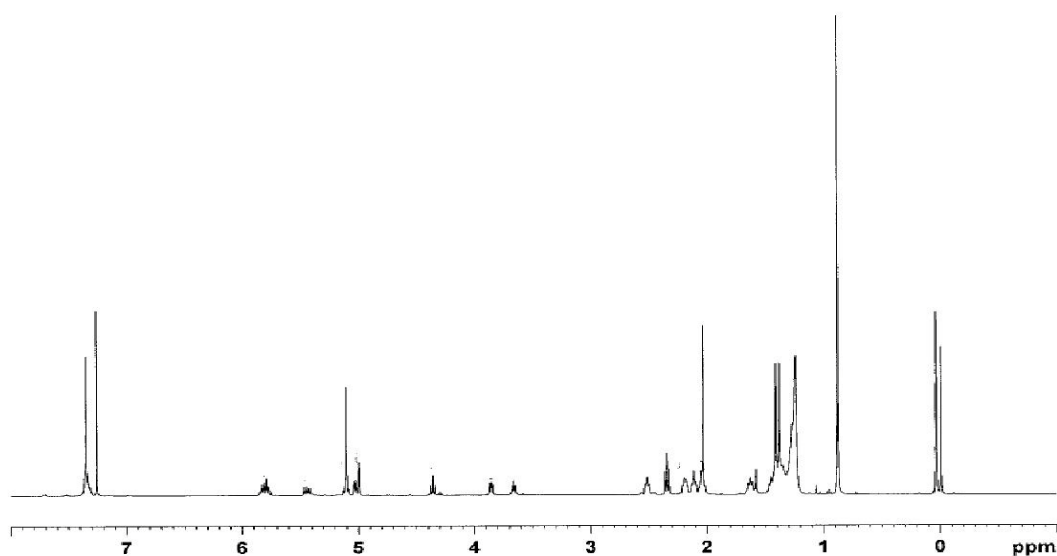


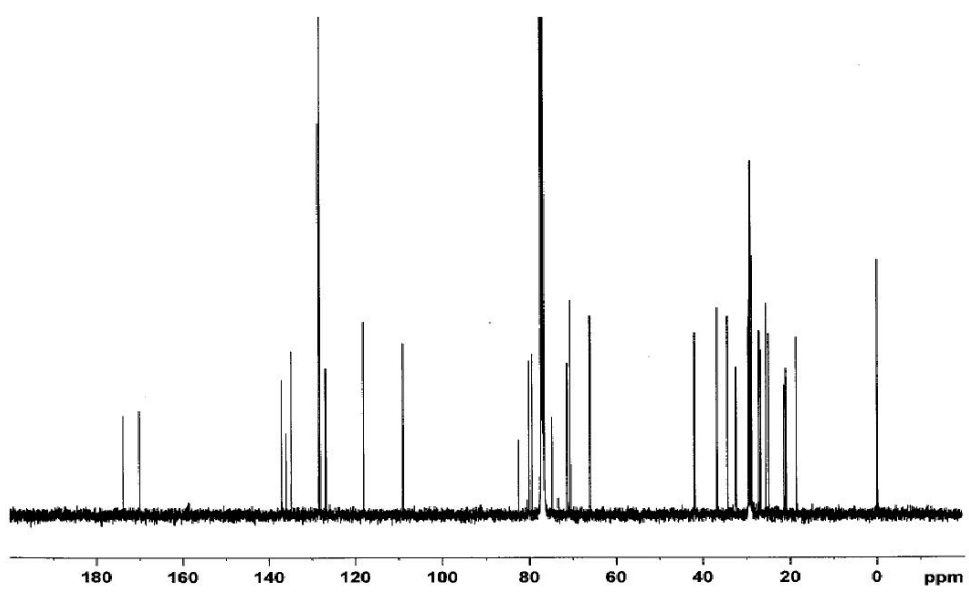
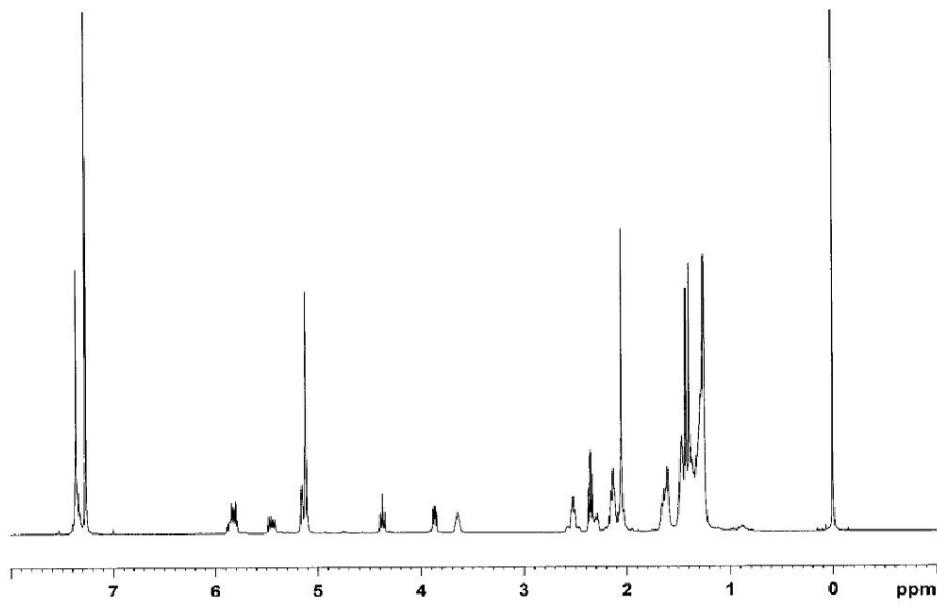
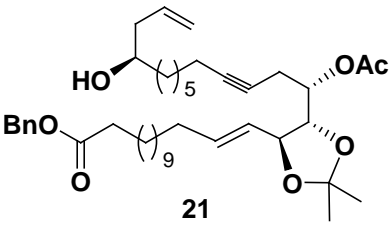


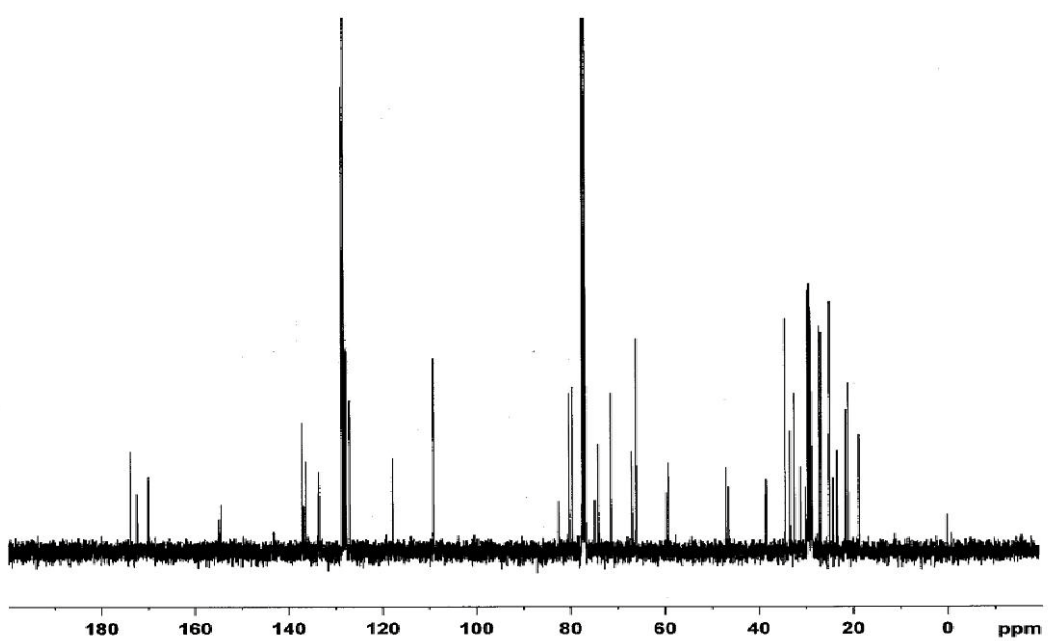
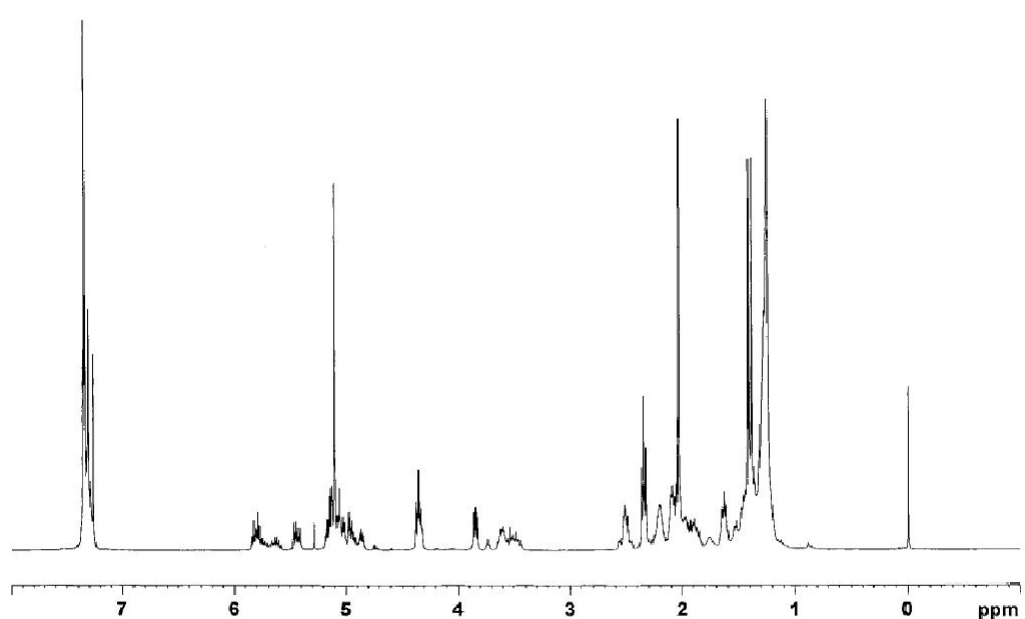
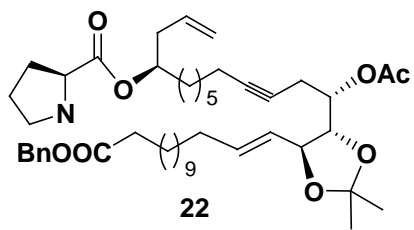


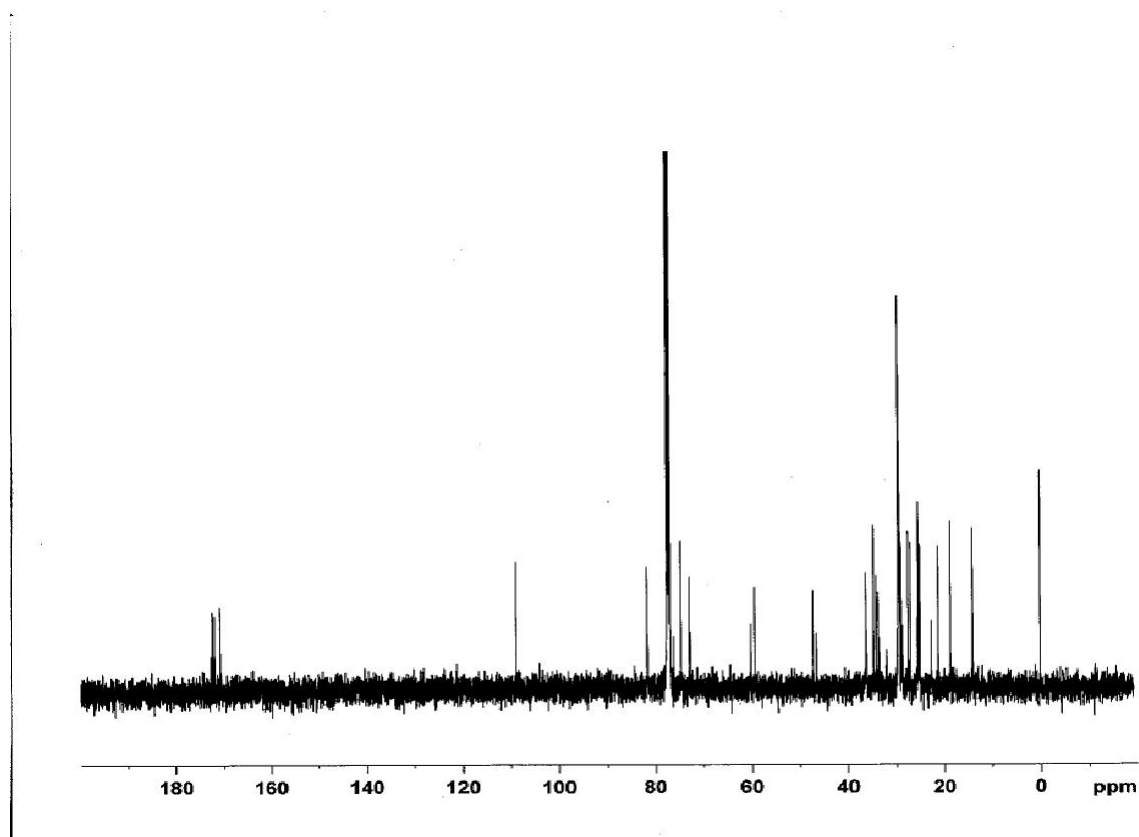
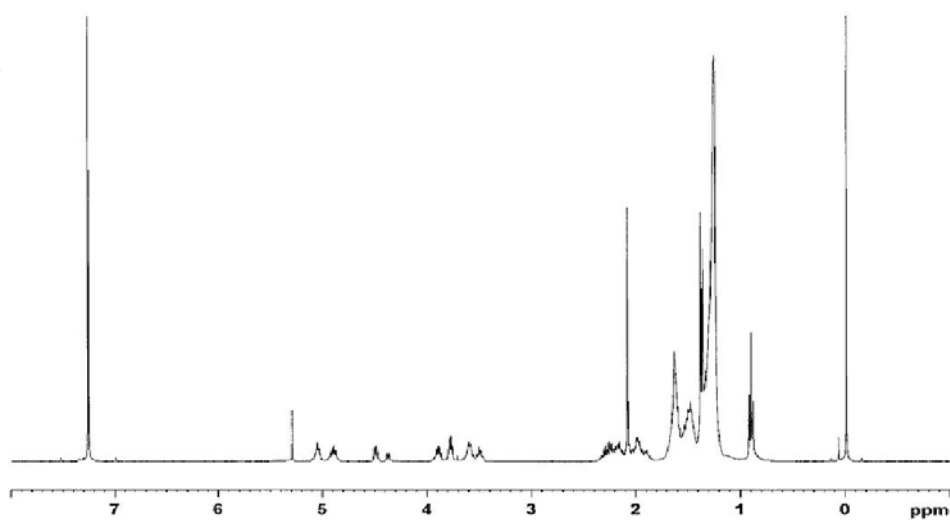
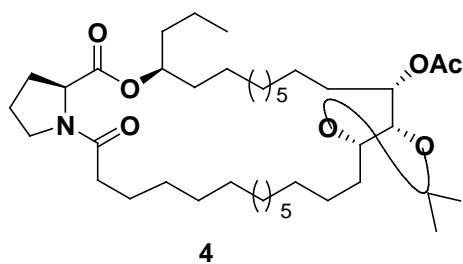


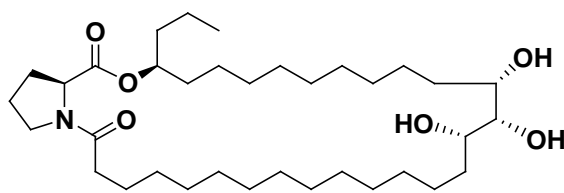












23

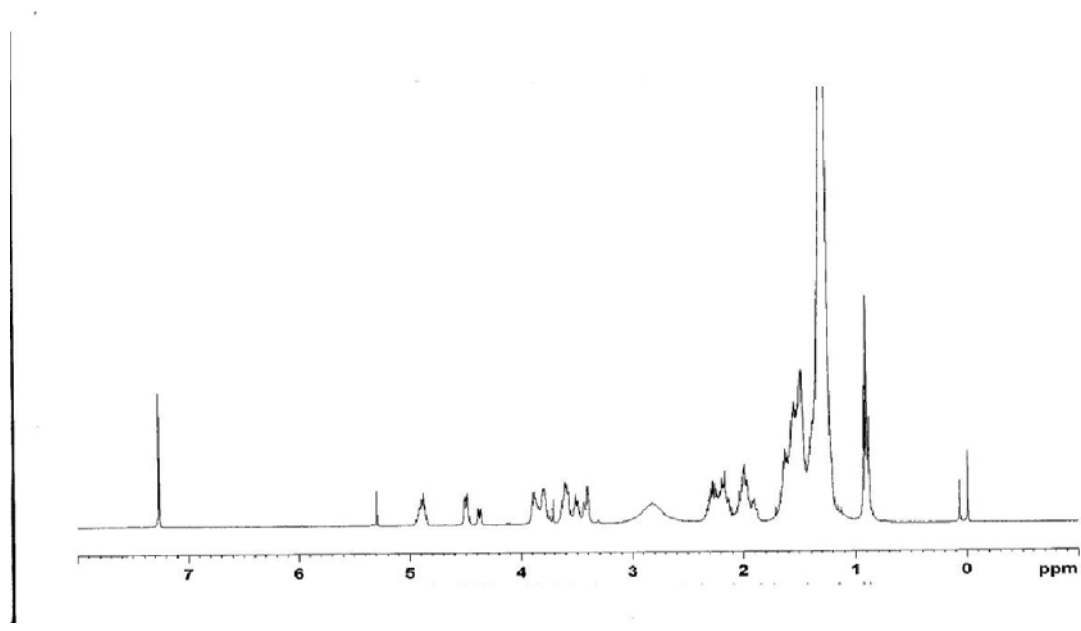
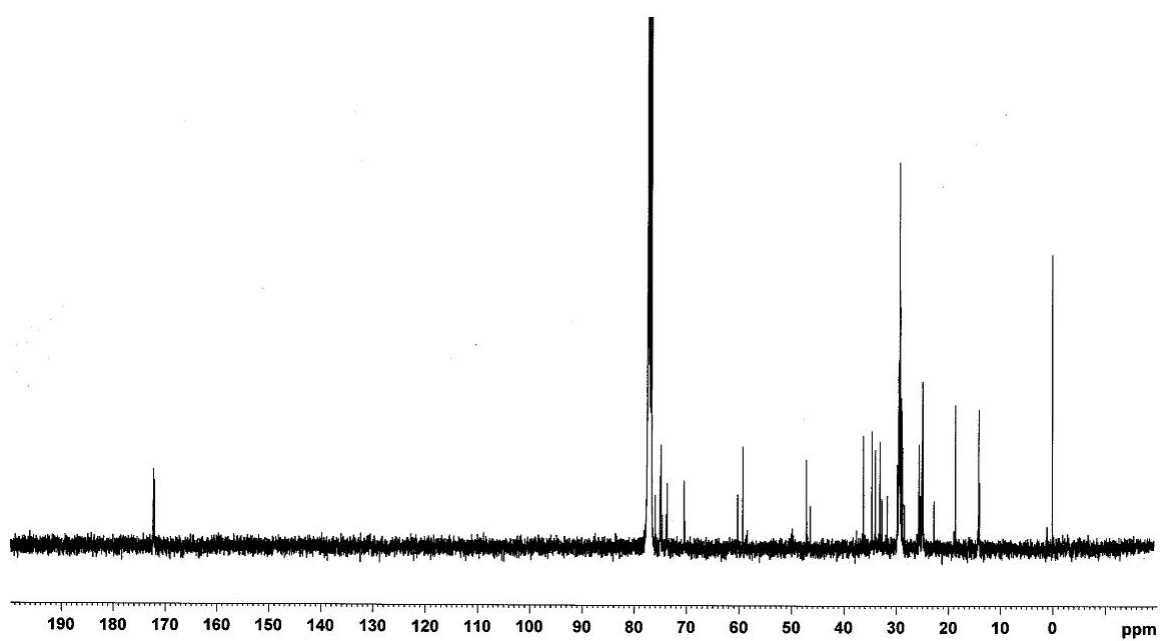
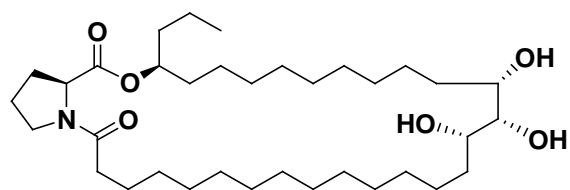


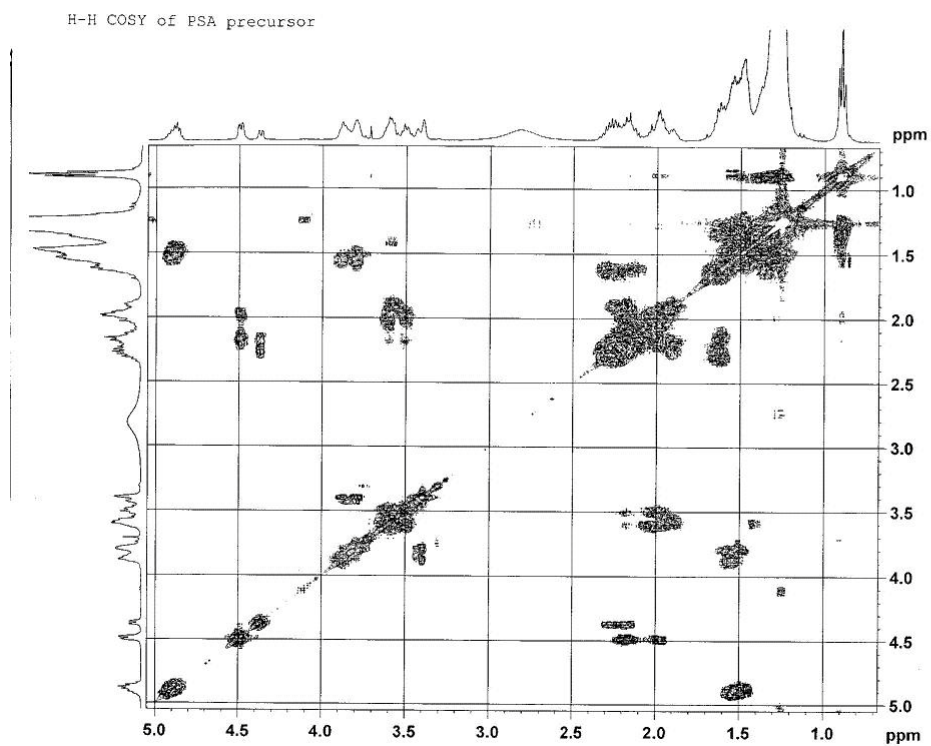
Fig. S1. <sup>1</sup>H NMR spectrum of compound 23 in CDCl<sub>3</sub> (400 MHz, TMS, 25 °C).

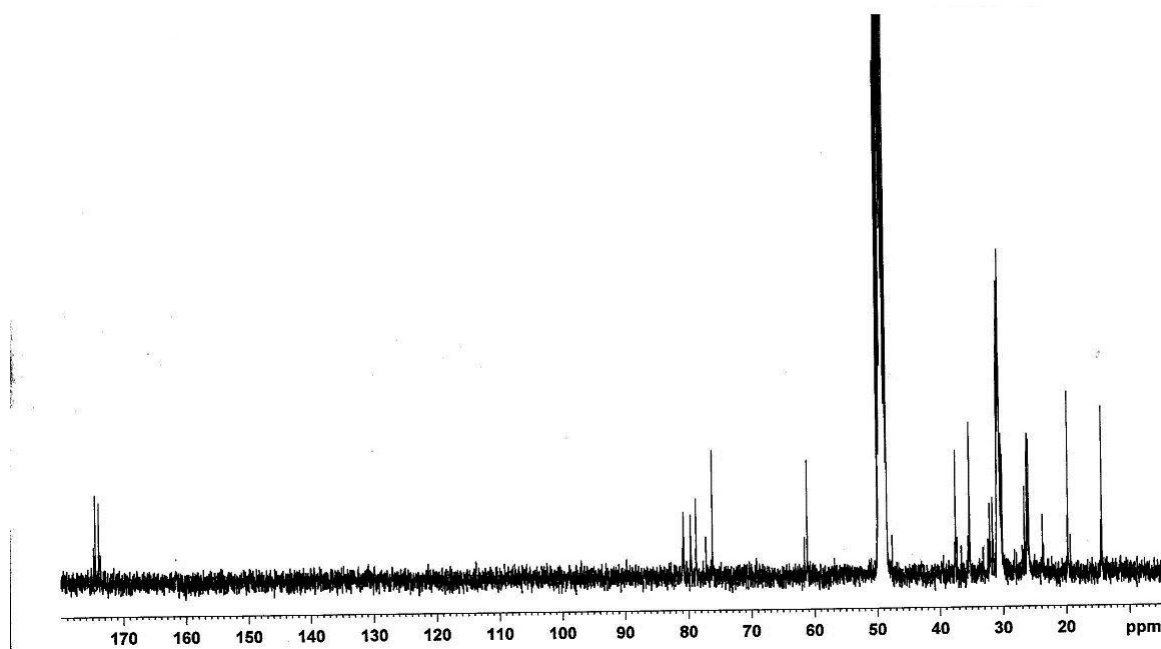
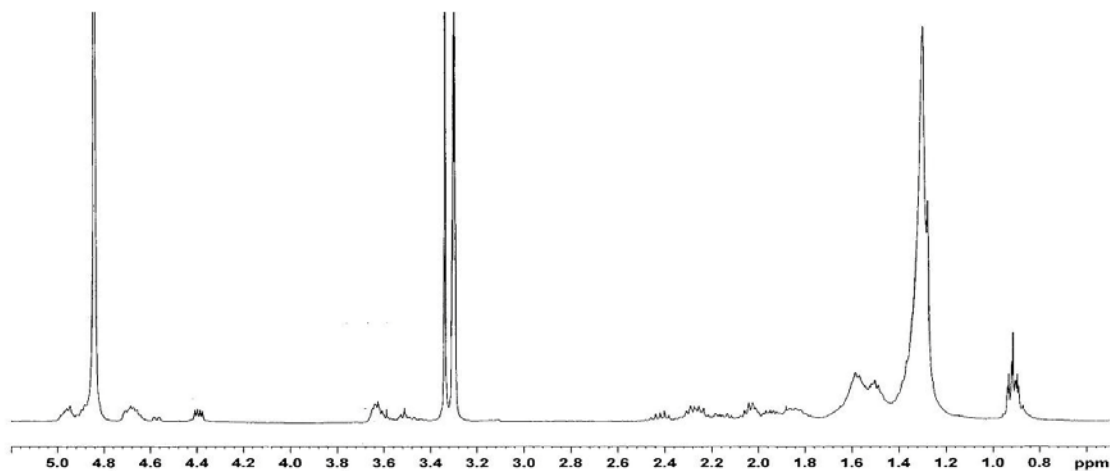
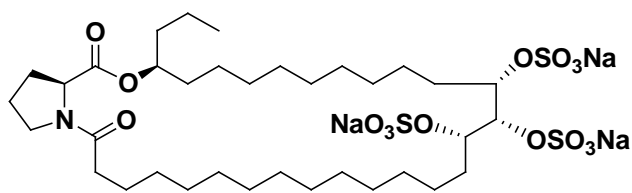




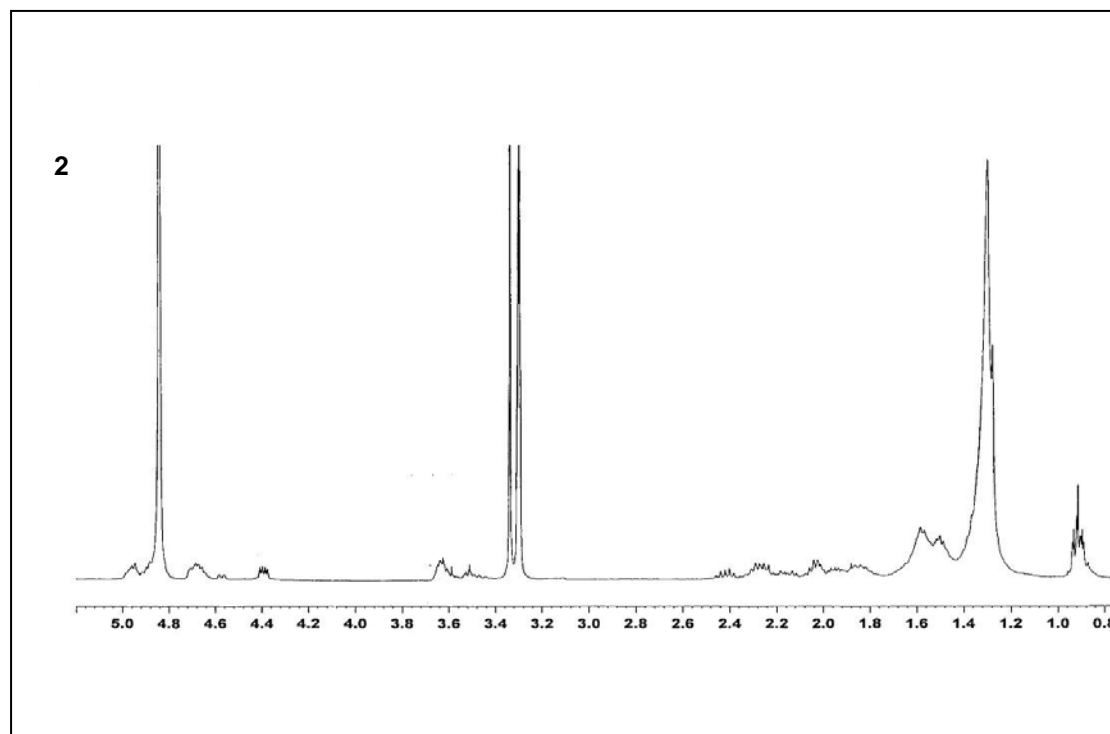


23



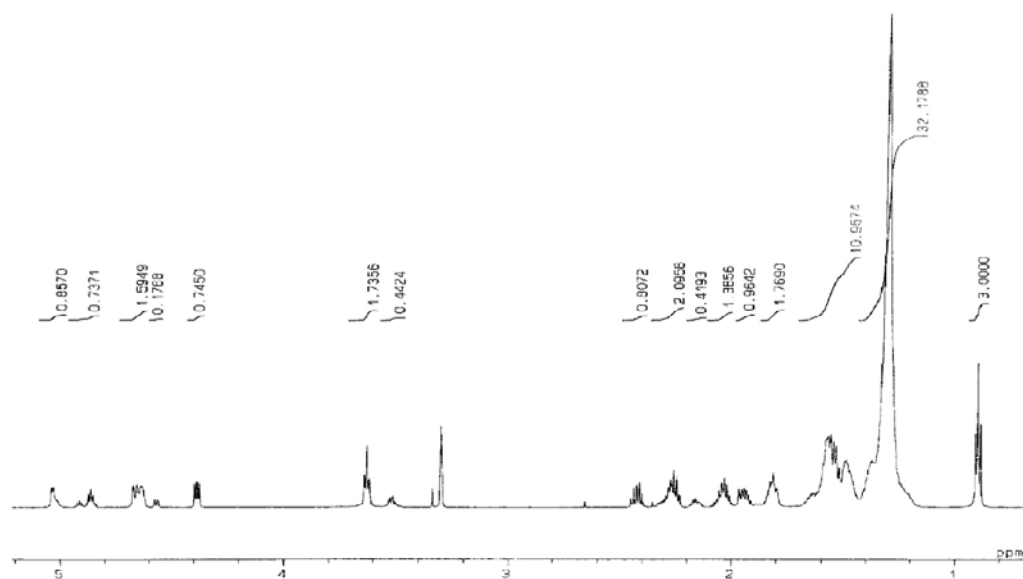


## H-NMR Spectrum compared with Natural Product



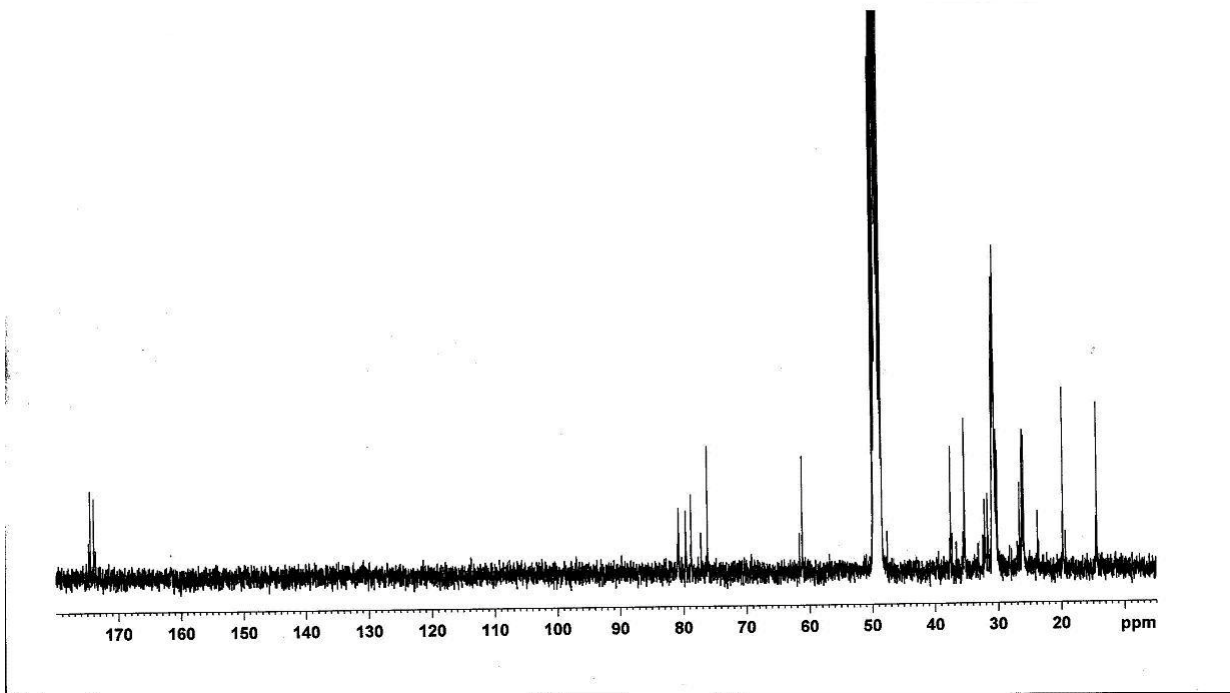
## Natural

S09NKO-S6215-23-1-PRESAT-CD300



C-NMR Spectrum compared with Natural Product

2



Natural

