

Supplementary Material

Synthesis of a trisphenol alkyne, towards clickable tripods for graphene functionalization

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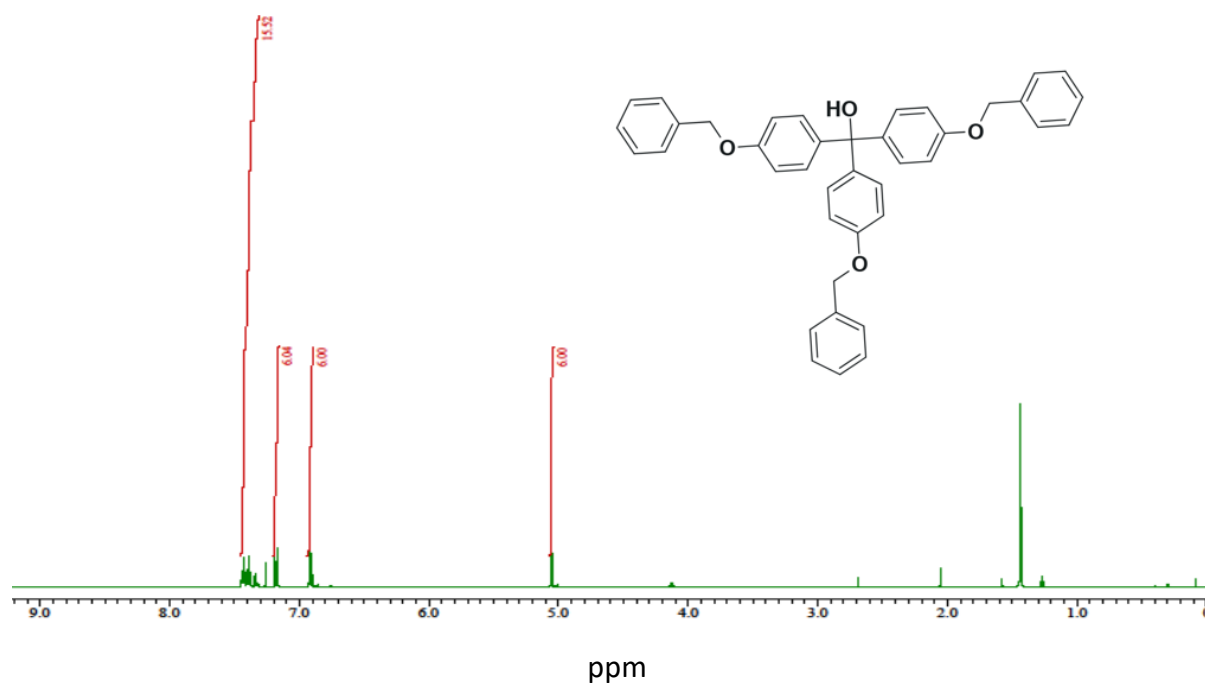
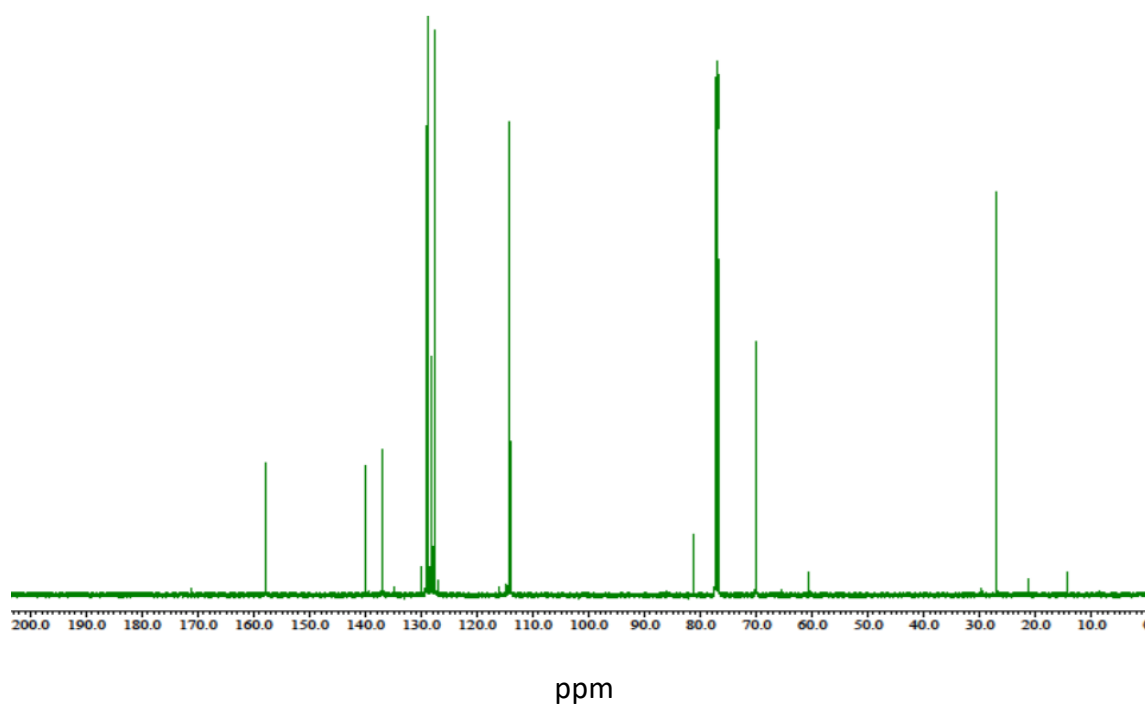
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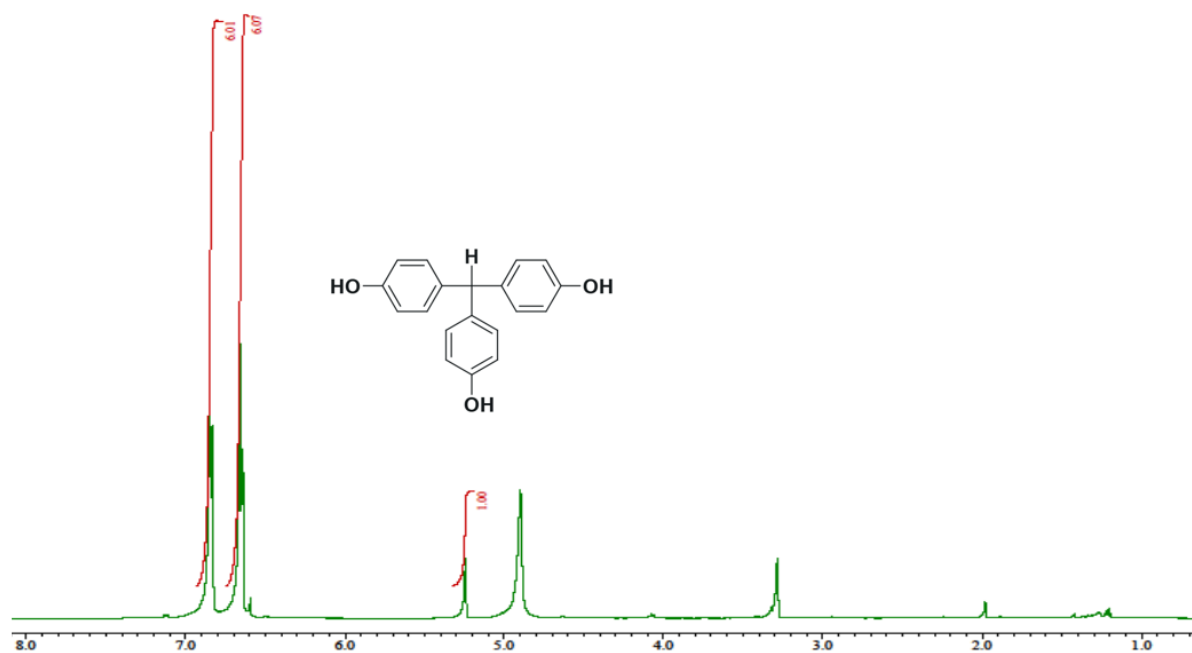
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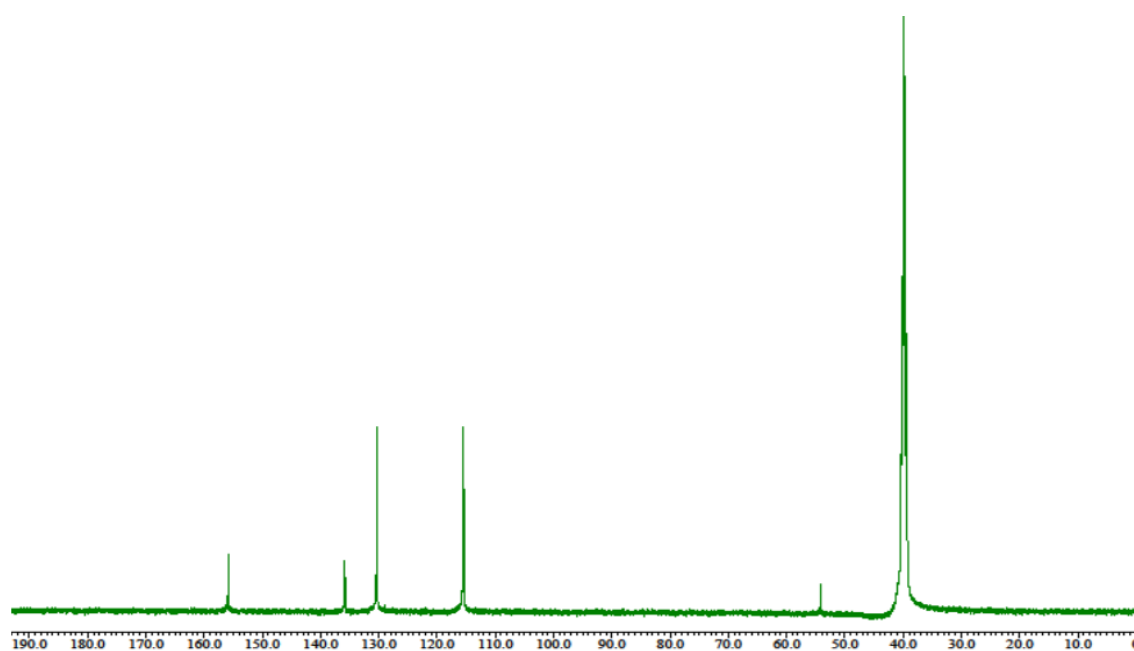
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A. NMR Spectra

 ^1H NMR of compound **2** (NMR (500 MHz, CDCl_3), 298K). ^{13}C NMR of compound **2** (NMR (125 MHz, CDCl_3), 298K).

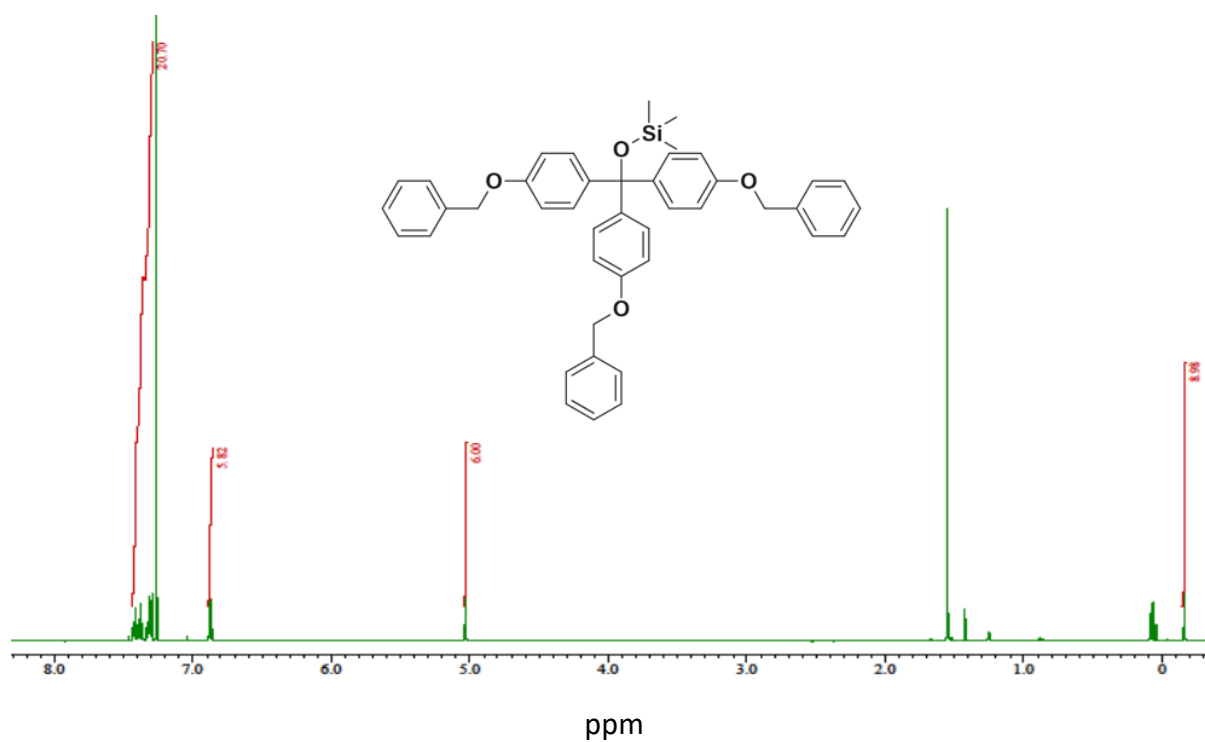


ppm

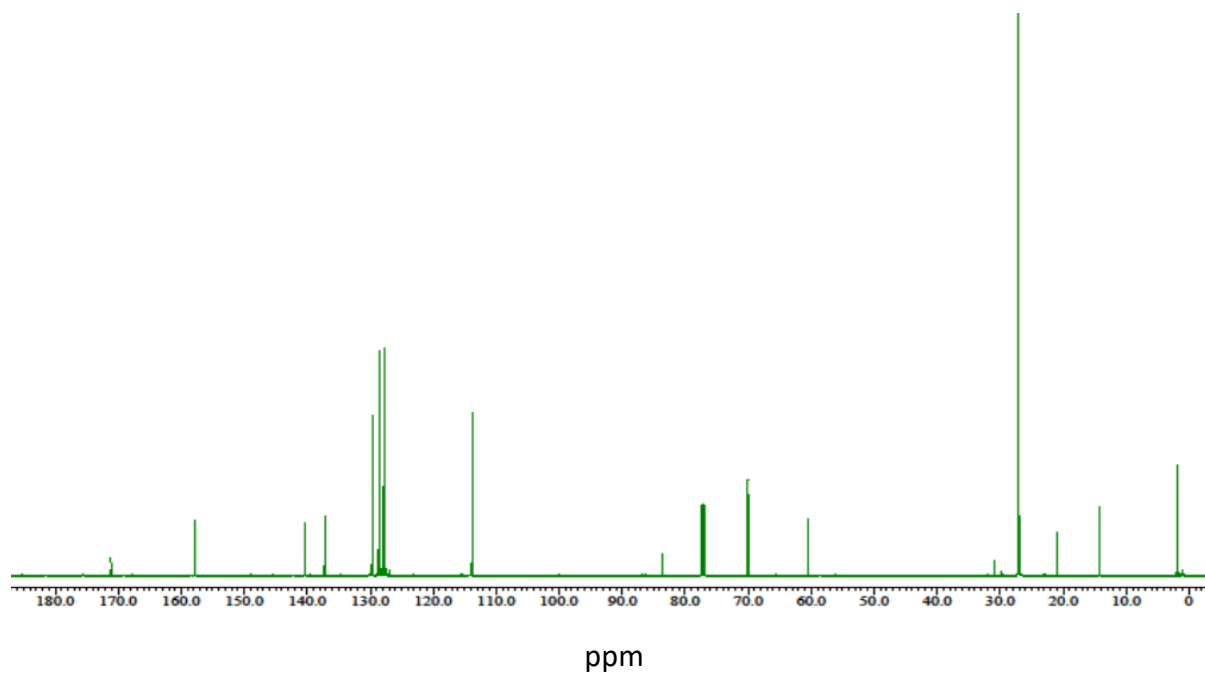
 ^1H NMR of compound **6** (NMR (500 MHz, CDCl_3), 298K).

ppm

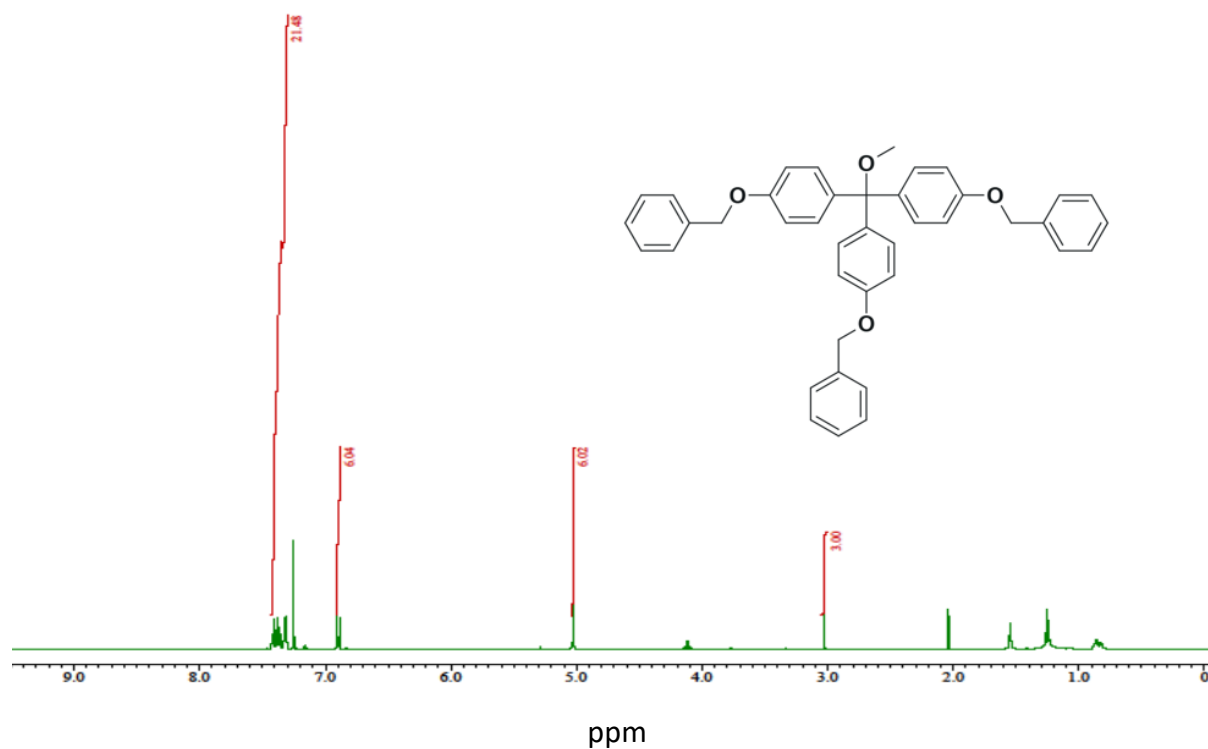
 ^{13}C NMR of compound **6** (NMR (125 MHz, CDCl_3), 298K).



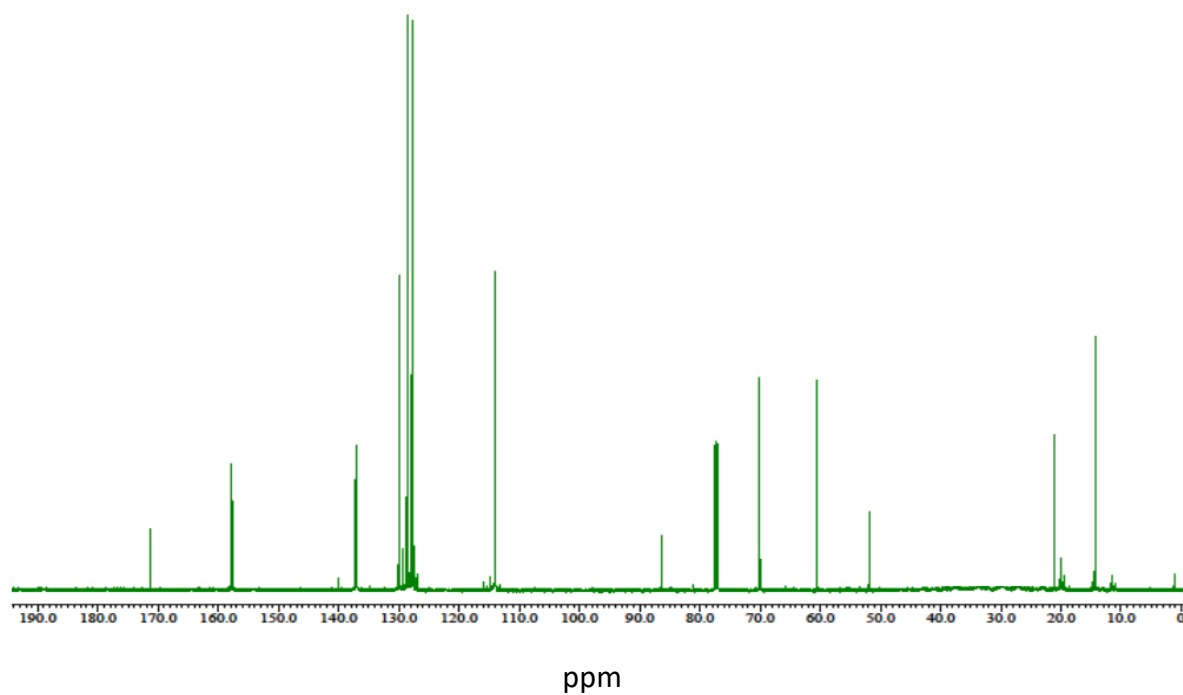
^1H NMR of compound **2a** (NMR (500 MHz, CDCl_3), 298K).



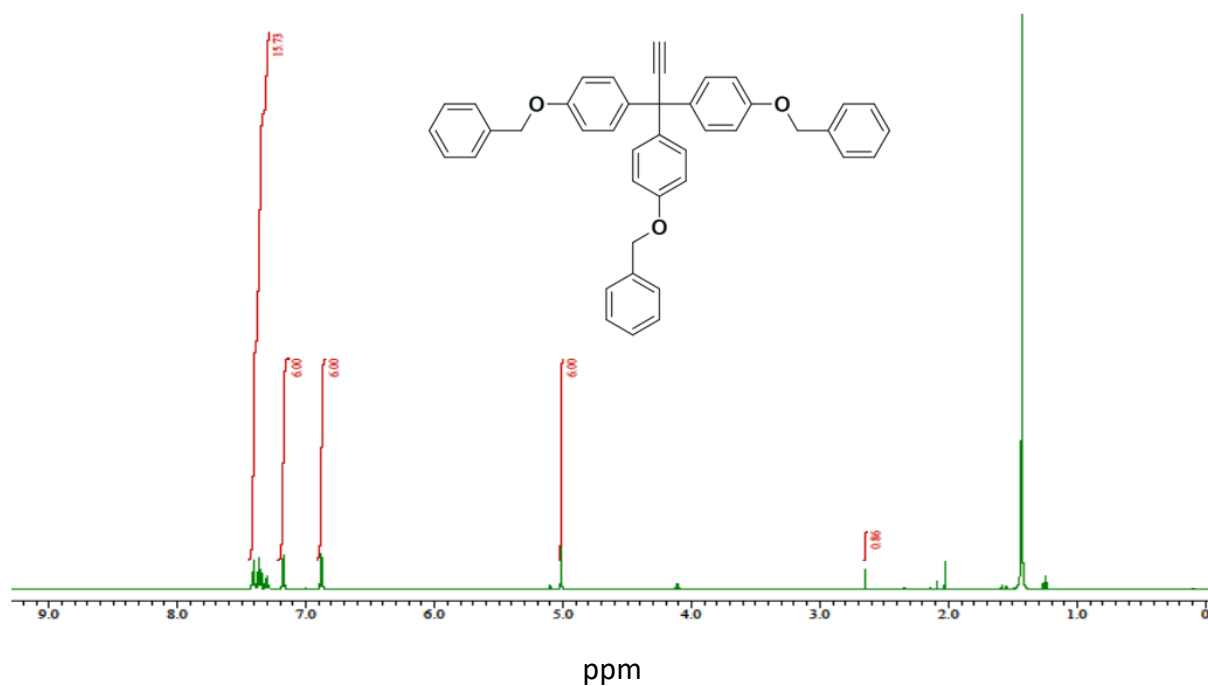
^{13}C NMR of compound **2a** (NMR (125 MHz, CDCl_3), 298K).



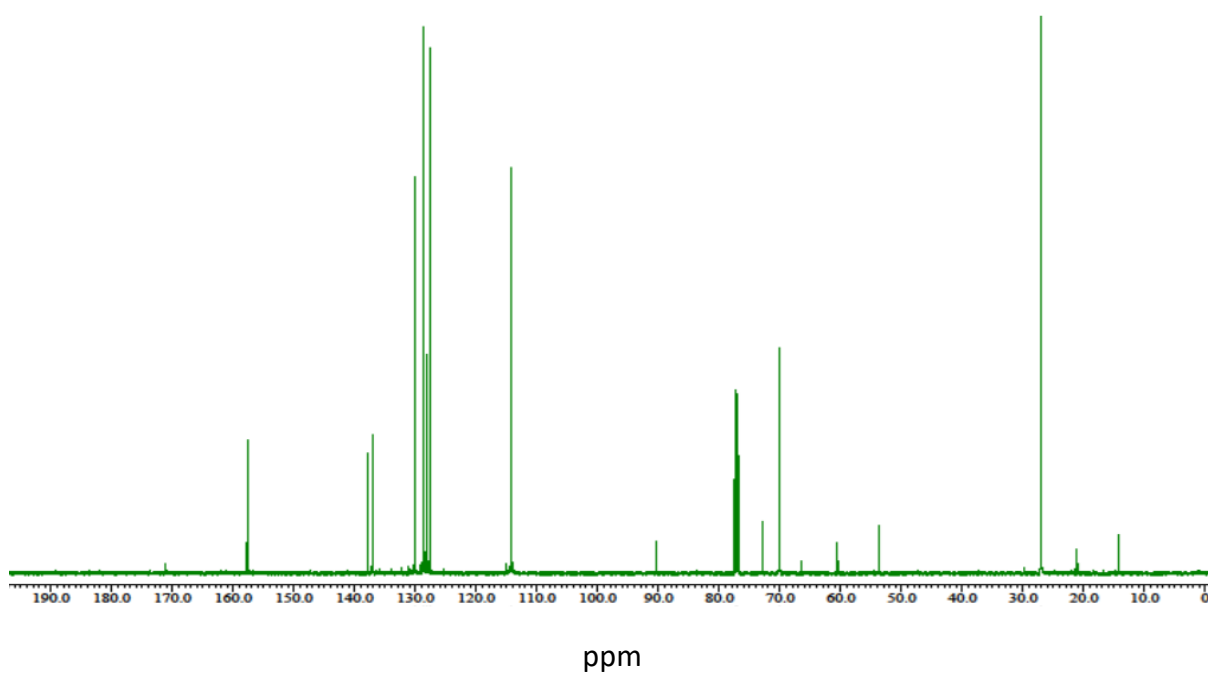
^1H NMR of compound **2b** (NMR (500 MHz, CDCl_3), 298K).



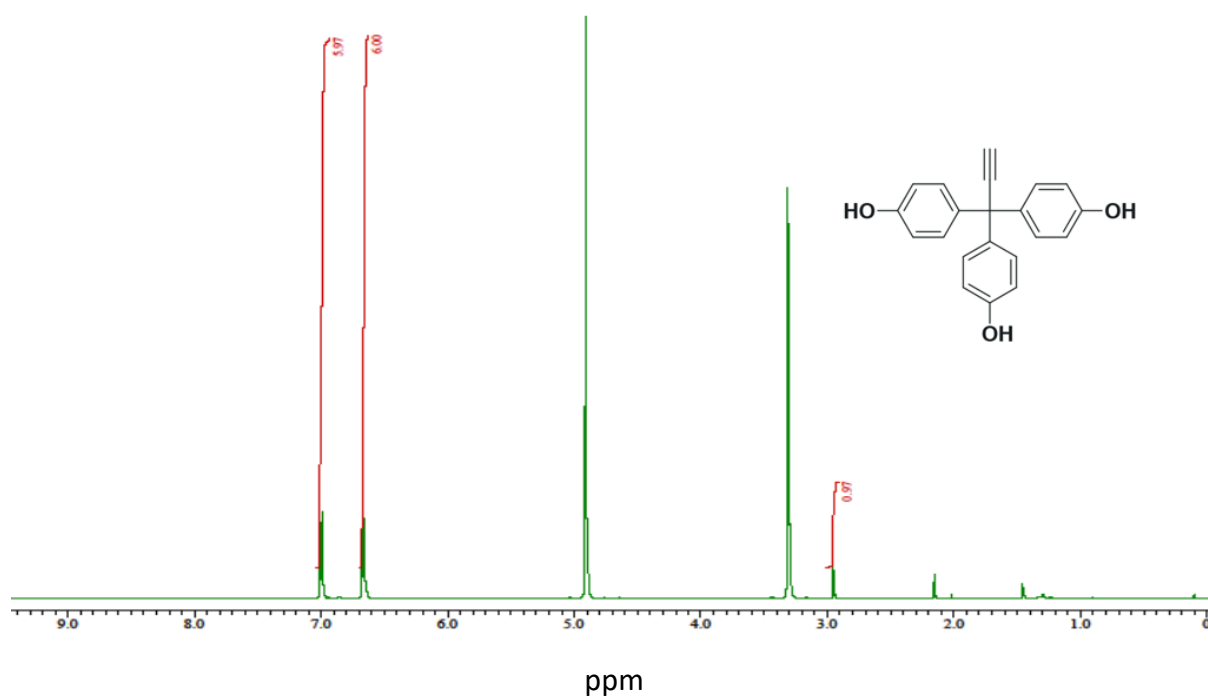
^{13}C NMR of compound **2b** (NMR (125 MHz, CDCl_3), 298K).



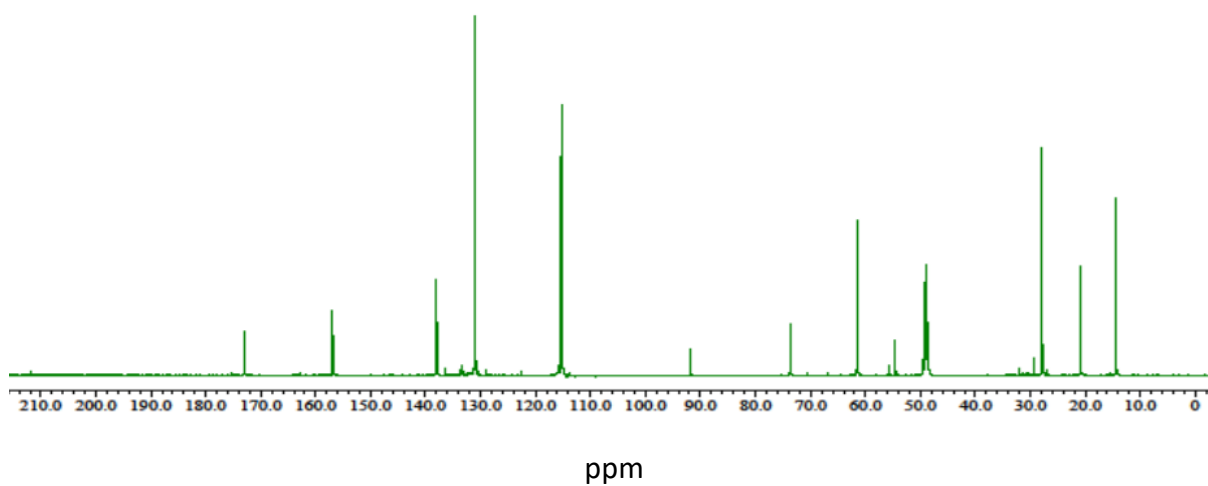
^1H NMR of compound **4** (NMR (500 MHz, CDCl_3), 298K).



^{13}C NMR of compound **4** (NMR (125 MHz, CDCl_3), 298K).

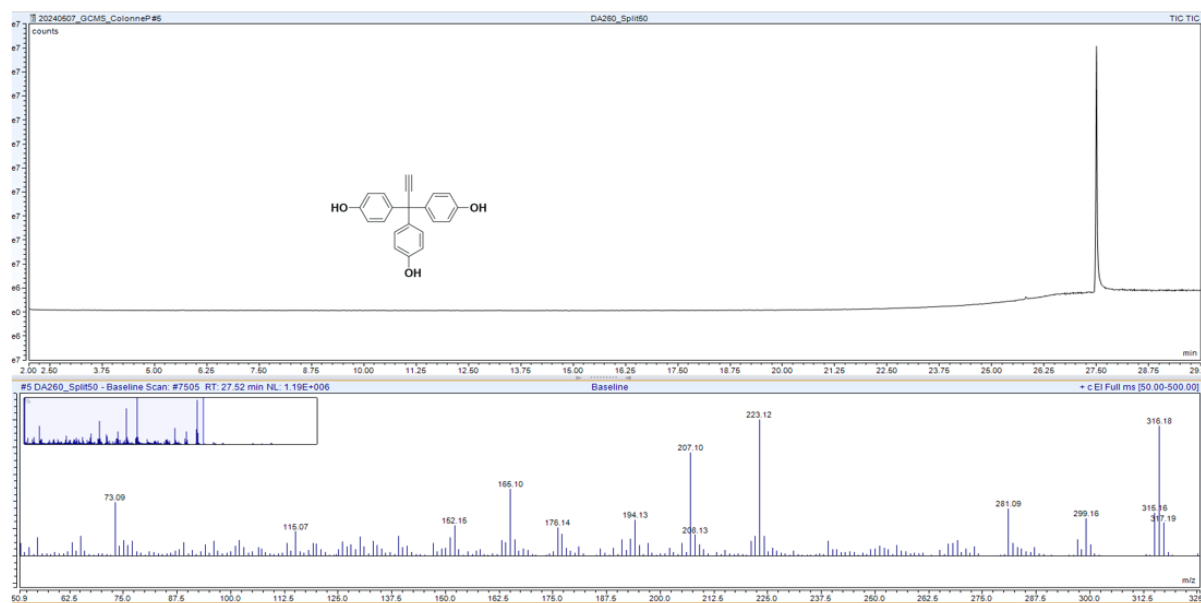


^1H NMR of compound **5** (NMR (500 MHz, CDCl_3), 298K).



^{13}C NMR of compound **5** (NMR (125 MHz, CDCl_3), 298K).

B. GC-Mass graph



GC-mass graph of compound 5.