

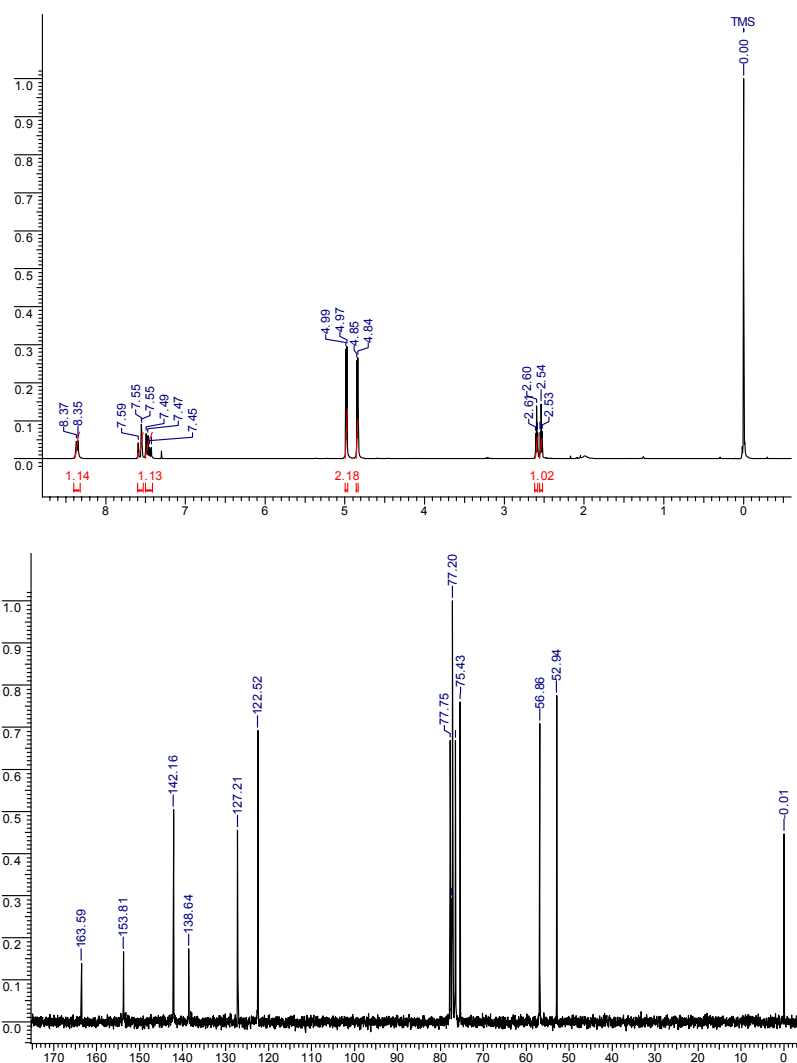
Electronic Supplementary Information

‘Clicking’ molecular hooks on silica nanoparticles to immobilize catalytically important metal complexes: The case of gold catalyst immobilization

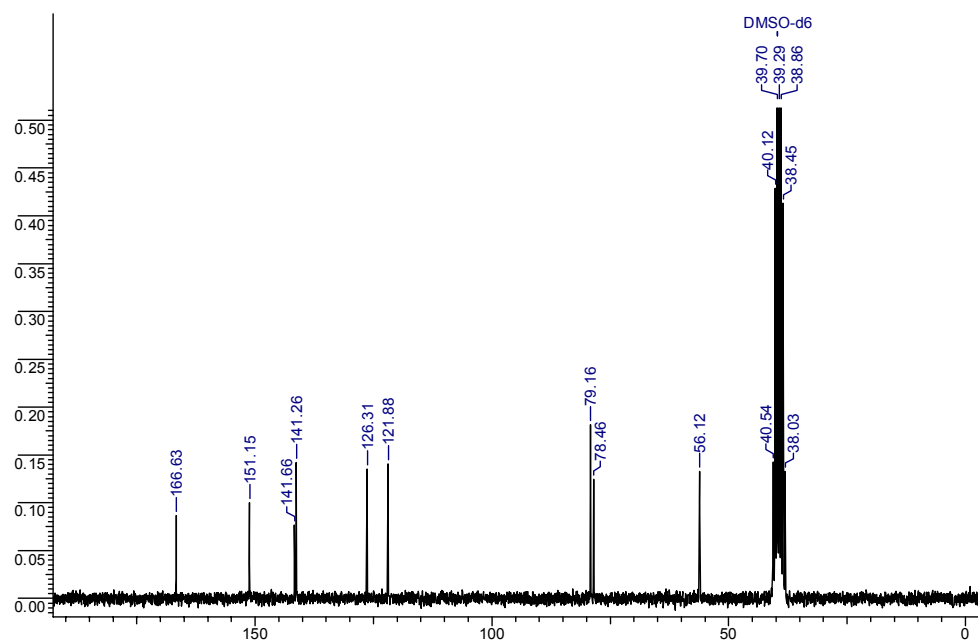
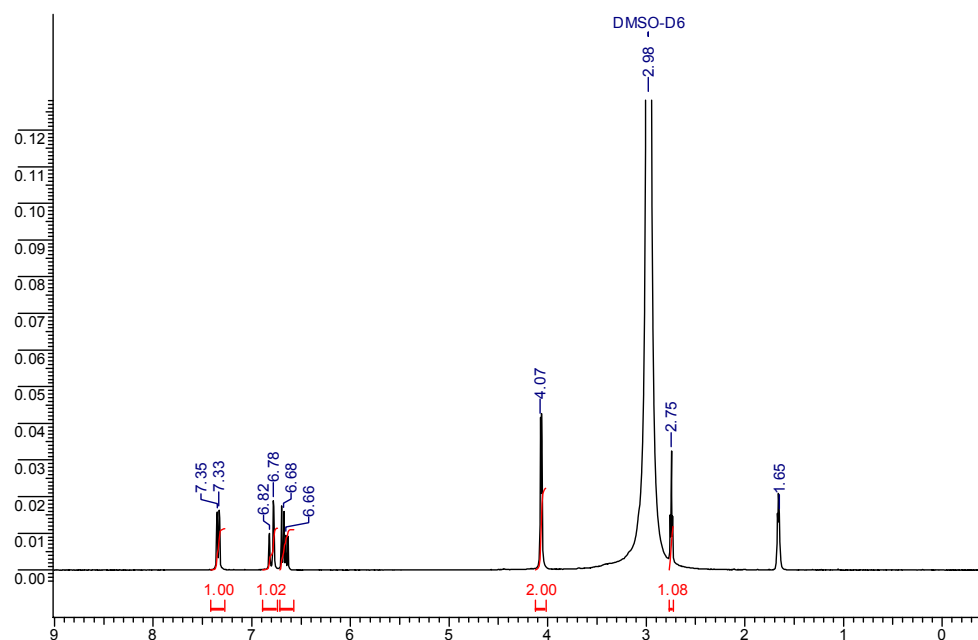
Anal Kr. Ganai, Rima Bharadwaj, Srinivas Hotha, Sayam Sengupta and B. L. V. Prasad

Spectral Charts

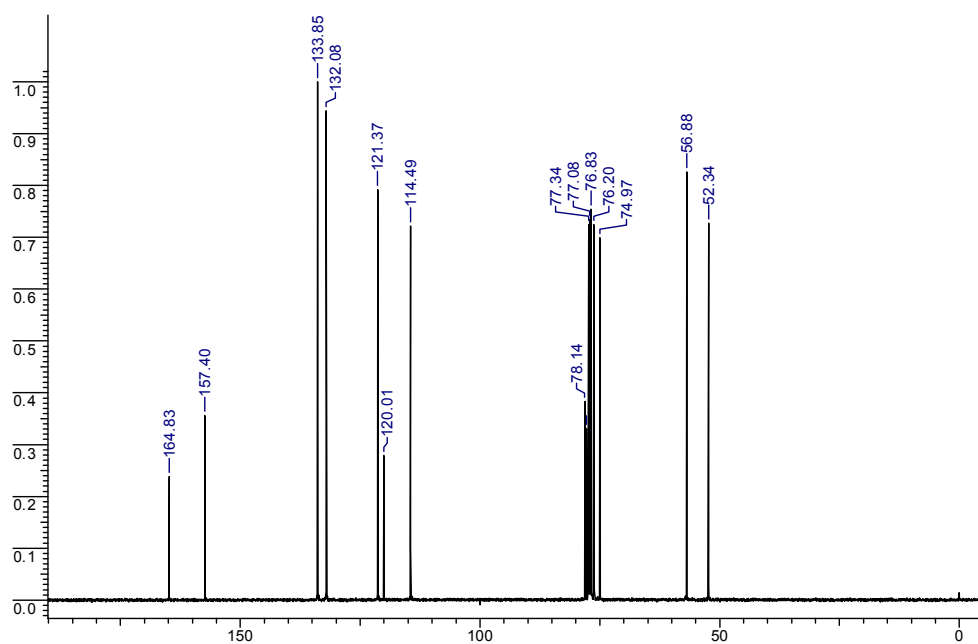
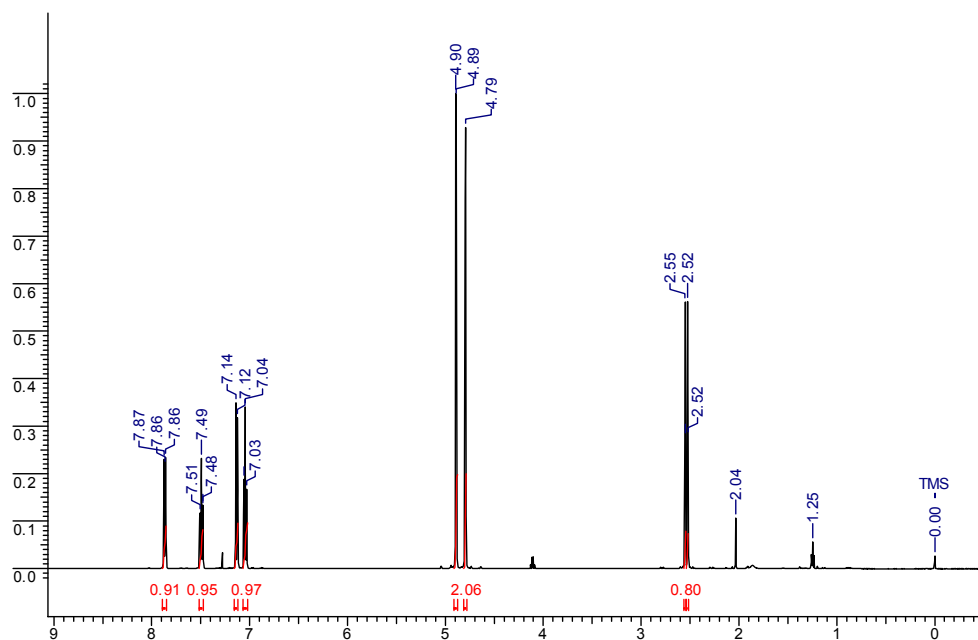
ESI-1: ^1H NMR (200.13 MHz, CDCl_3) and ^{13}C NMR (50.32 MHz, CDCl_3) of compound **1b**



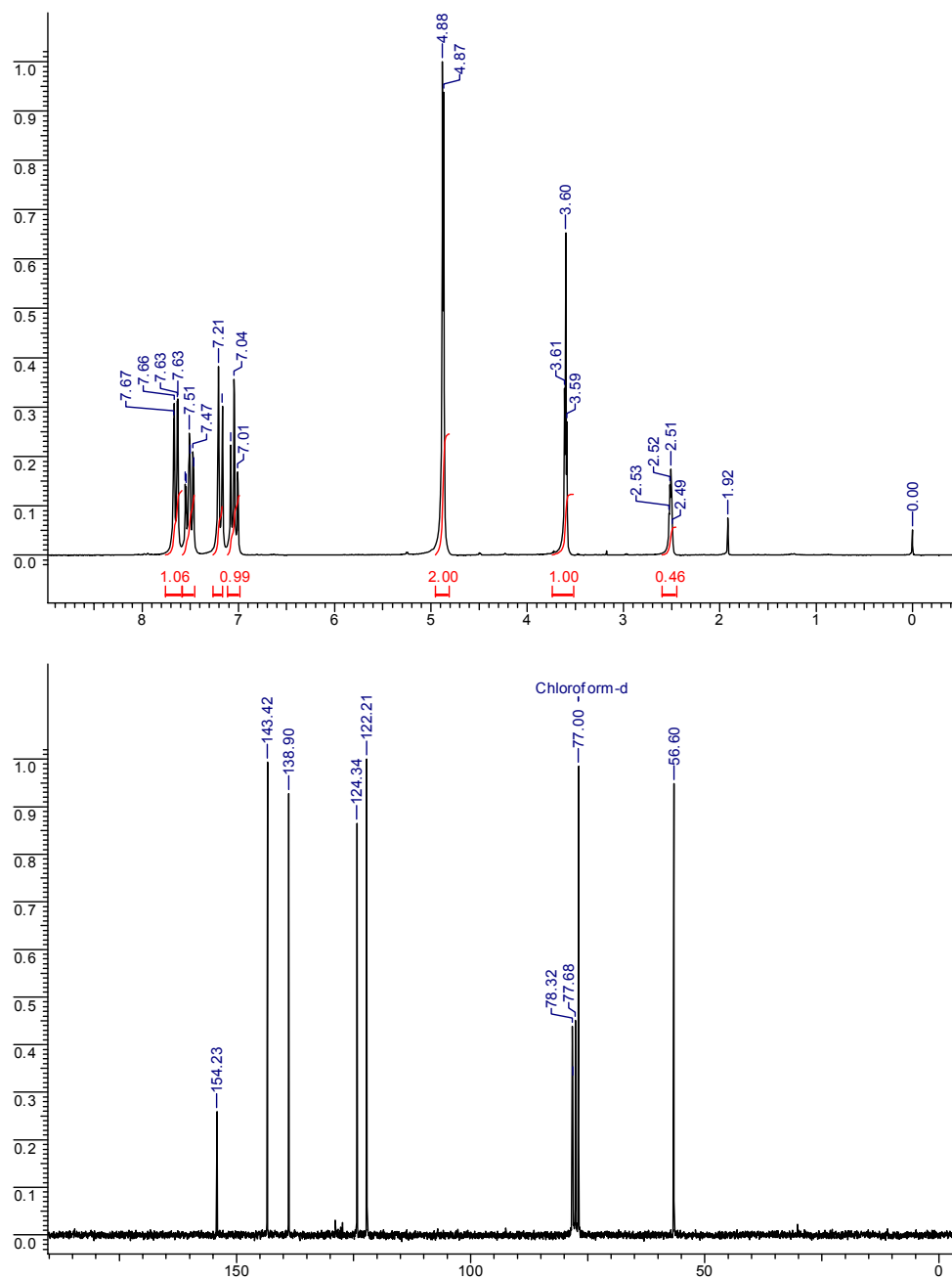
ESI-2: ^1H NMR (200.13 MHz, CDCl_3) and ^{13}C NMR (50.32 MHz, CDCl_3) of compound **L1**



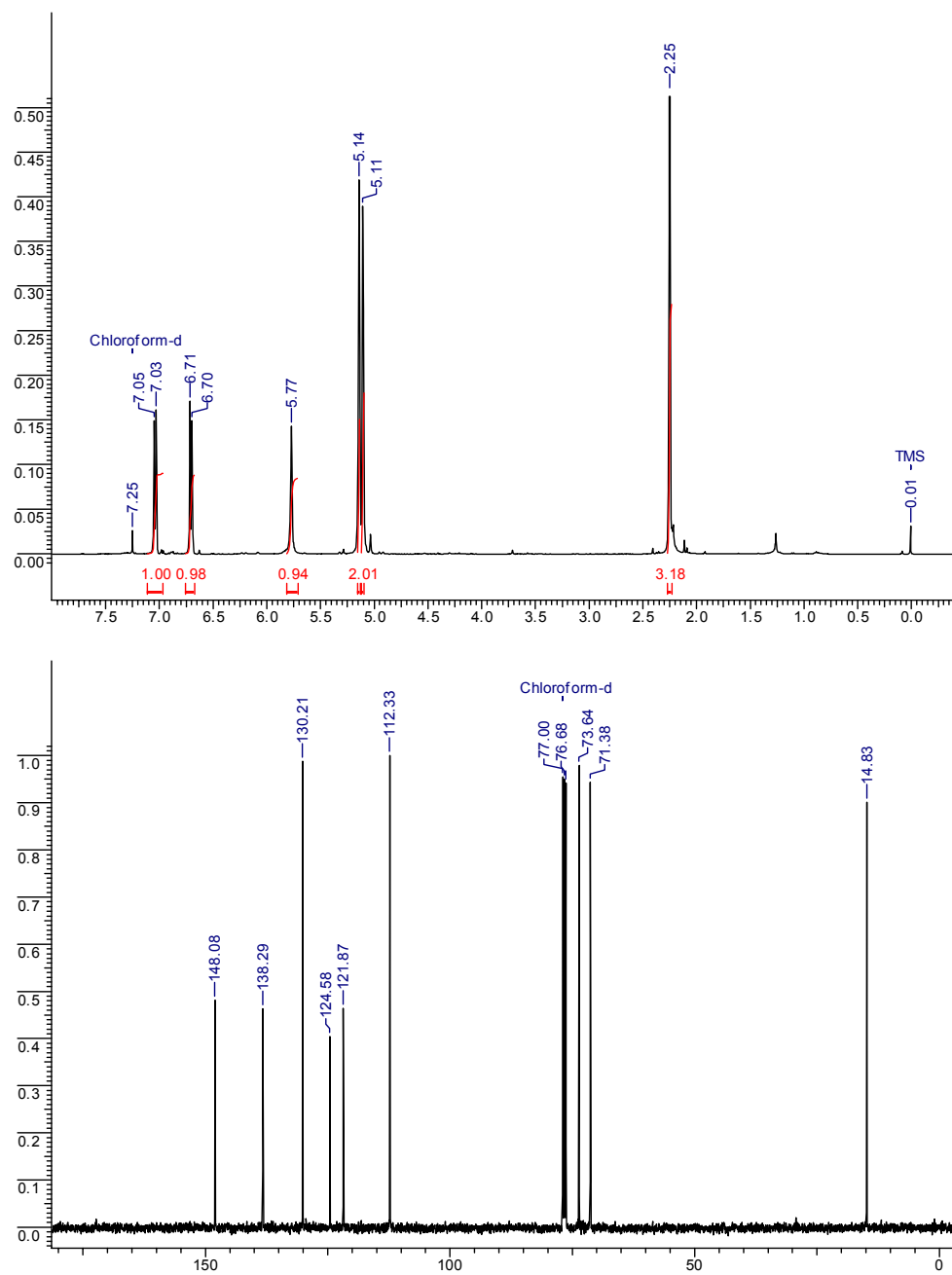
ESI-3: ^1H NMR (500.13 MHz, CDCl_3) and ^{13}C NMR (125.76 MHz, CDCl_3) of compound **2b**



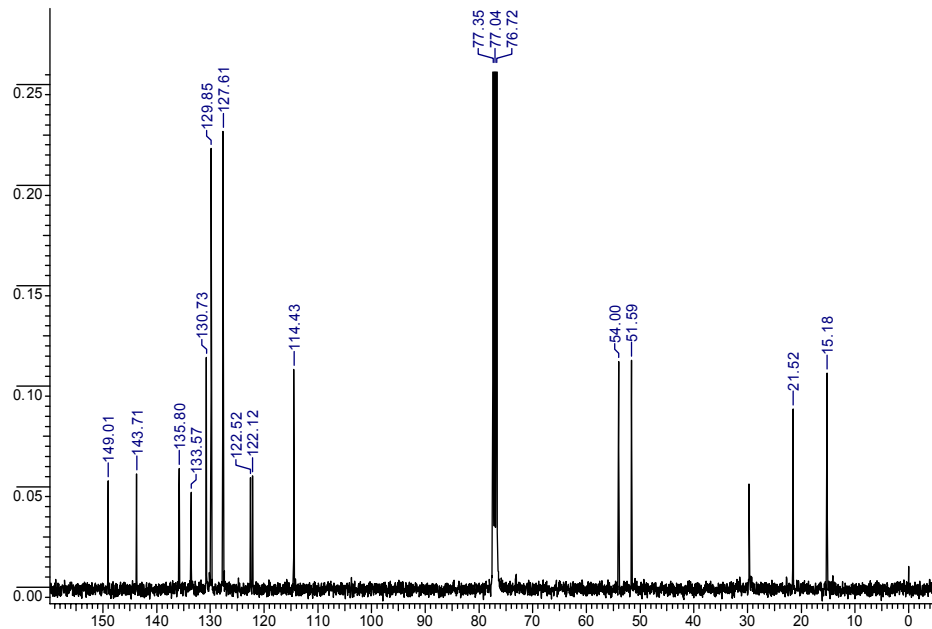
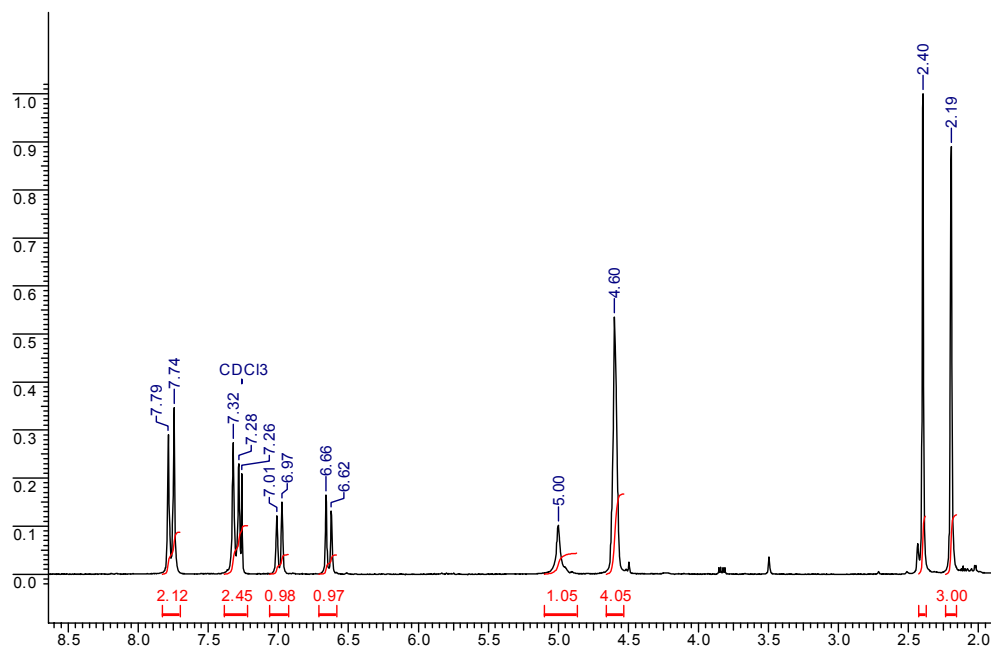
ESI-4: ^1H NMR (200.13 MHz, CDCl_3) and ^{13}C NMR (50.32 MHz, CDCl_3) of compound **L2**



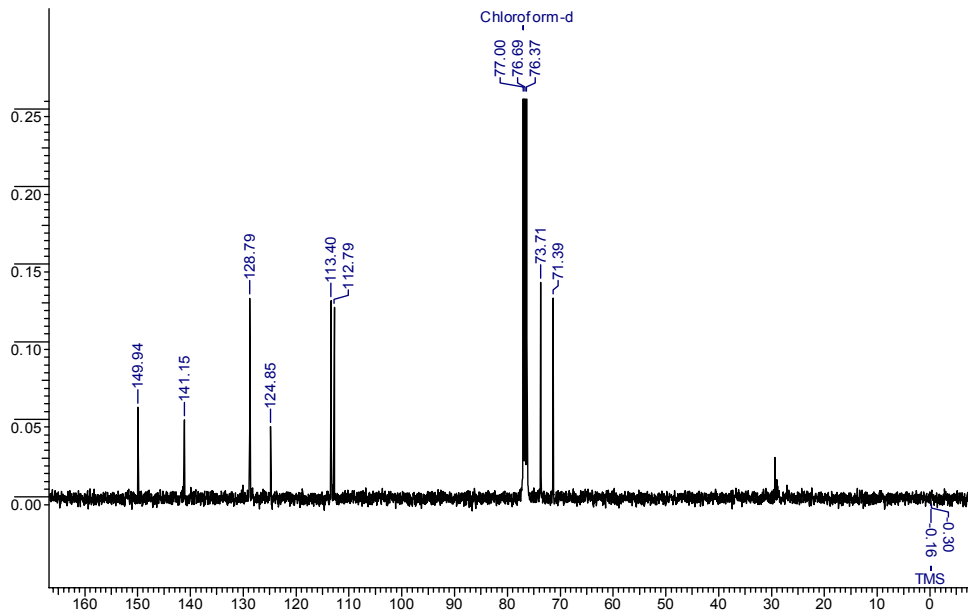
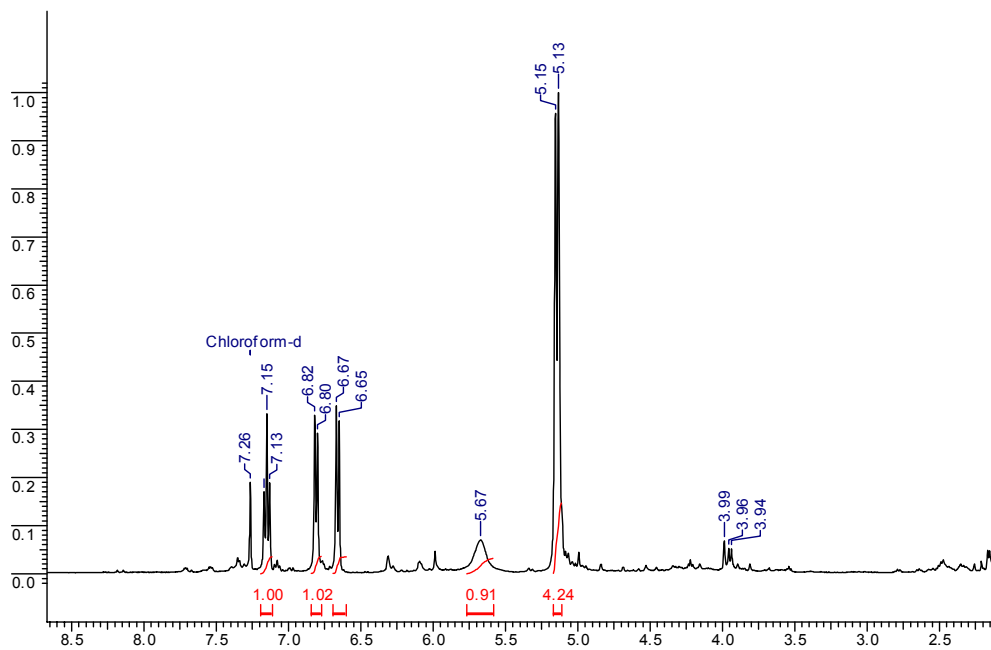
ESI-5: ^1H NMR (400.13 MHz, CDCl_3) and ^{13}C NMR (50.32 MHz, CDCl_3) of compound **4**



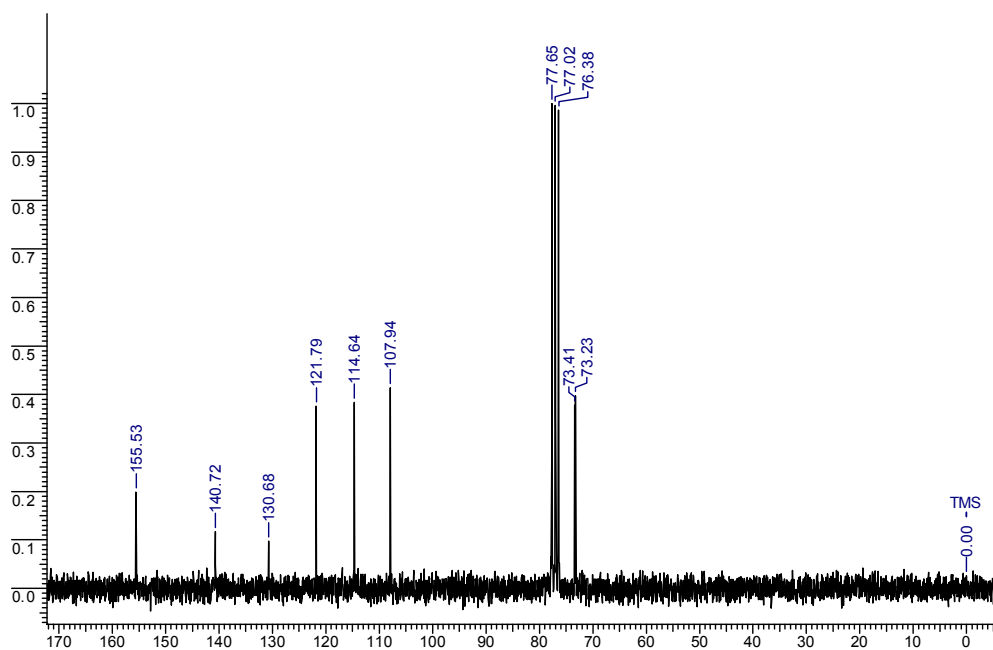
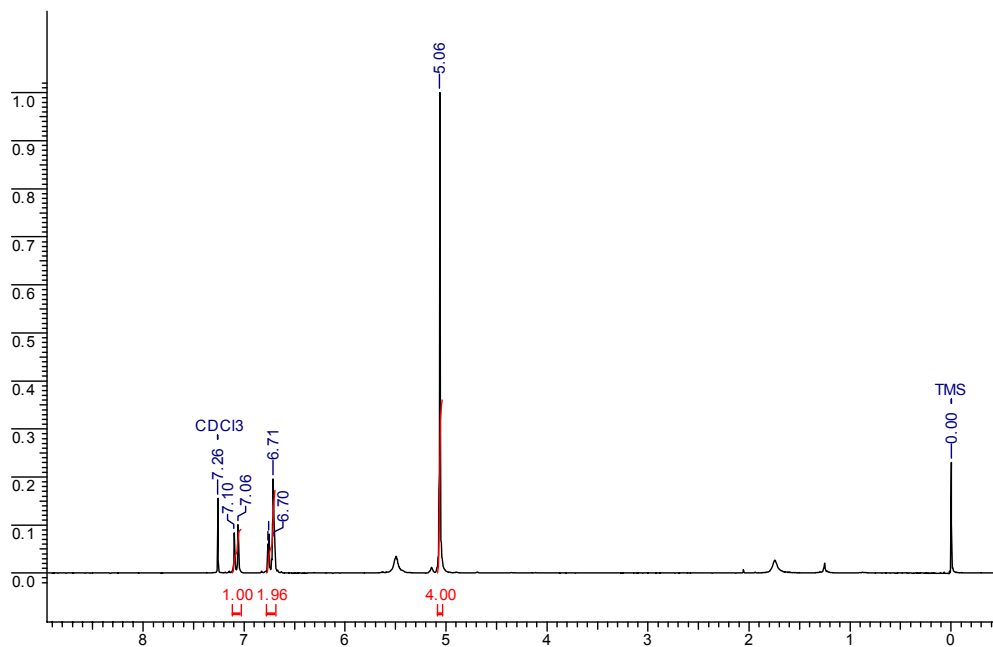
ESI-6: ^1H NMR (200.13MHz, CDCl_3) and ^{13}C NMR (100.61MHz, CDCl_3) of compound 6



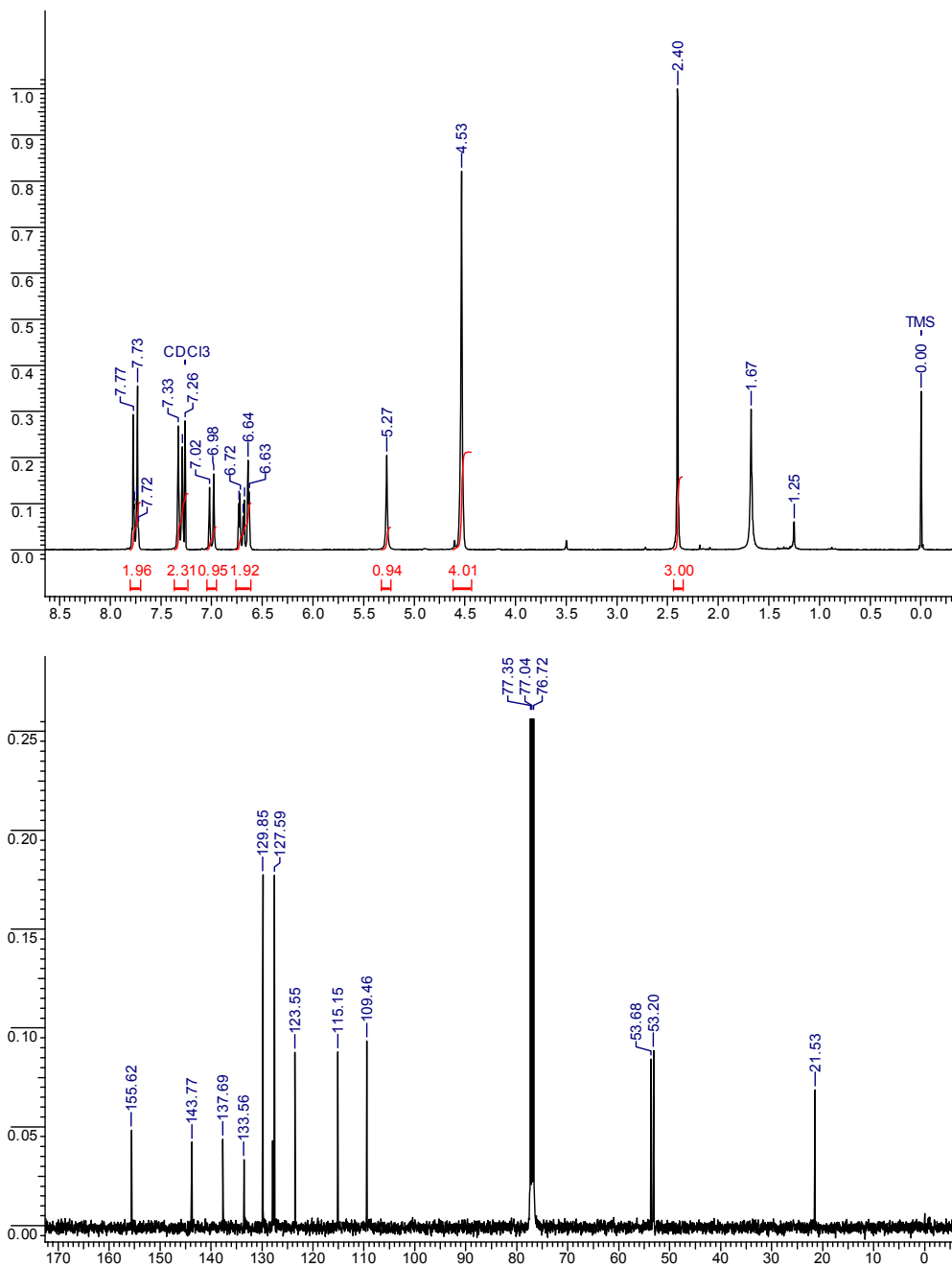
ESI-7: ^1H NMR (400.13MHz, CDCl_3) and ^{13}C NMR (100.61MHz, CDCl_3) of compound **8**



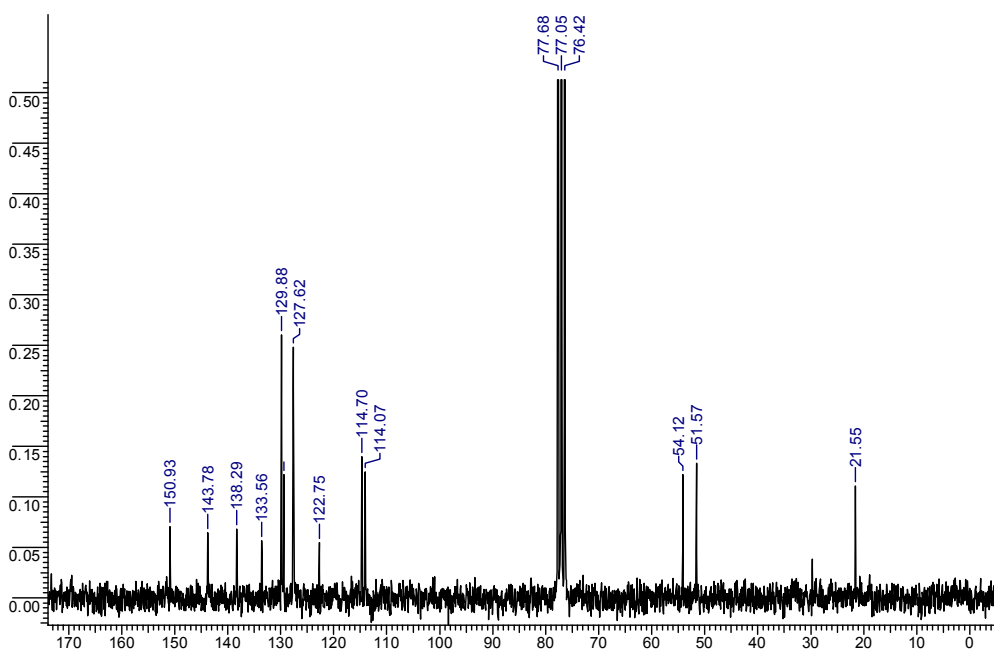
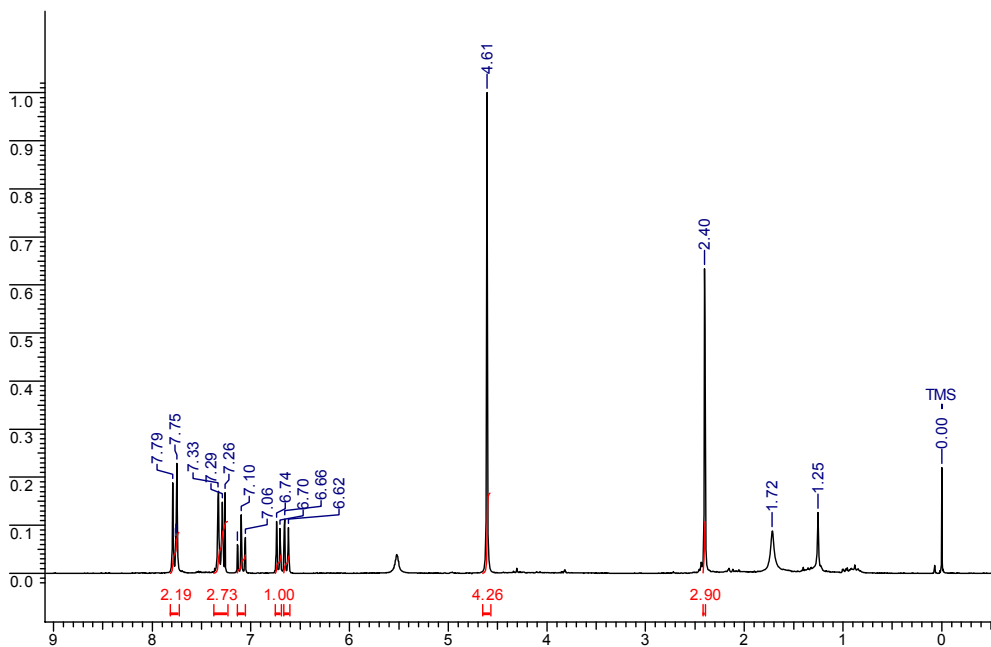
ESI-8: ^1H NMR (200.13MHz, CDCl_3) and ^{13}C NMR (50.32MHz, CDCl_3) of compound **9**



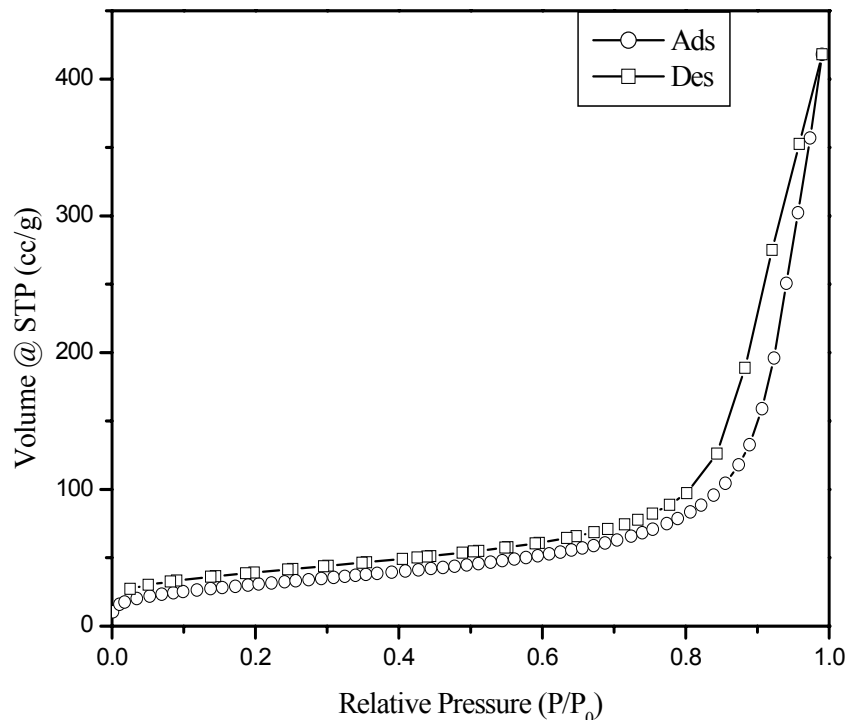
ESI-9: ^1H NMR (200.13MHz, CDCl_3) and ^{13}C NMR (100.61MHz, CDCl_3) of compound **11**



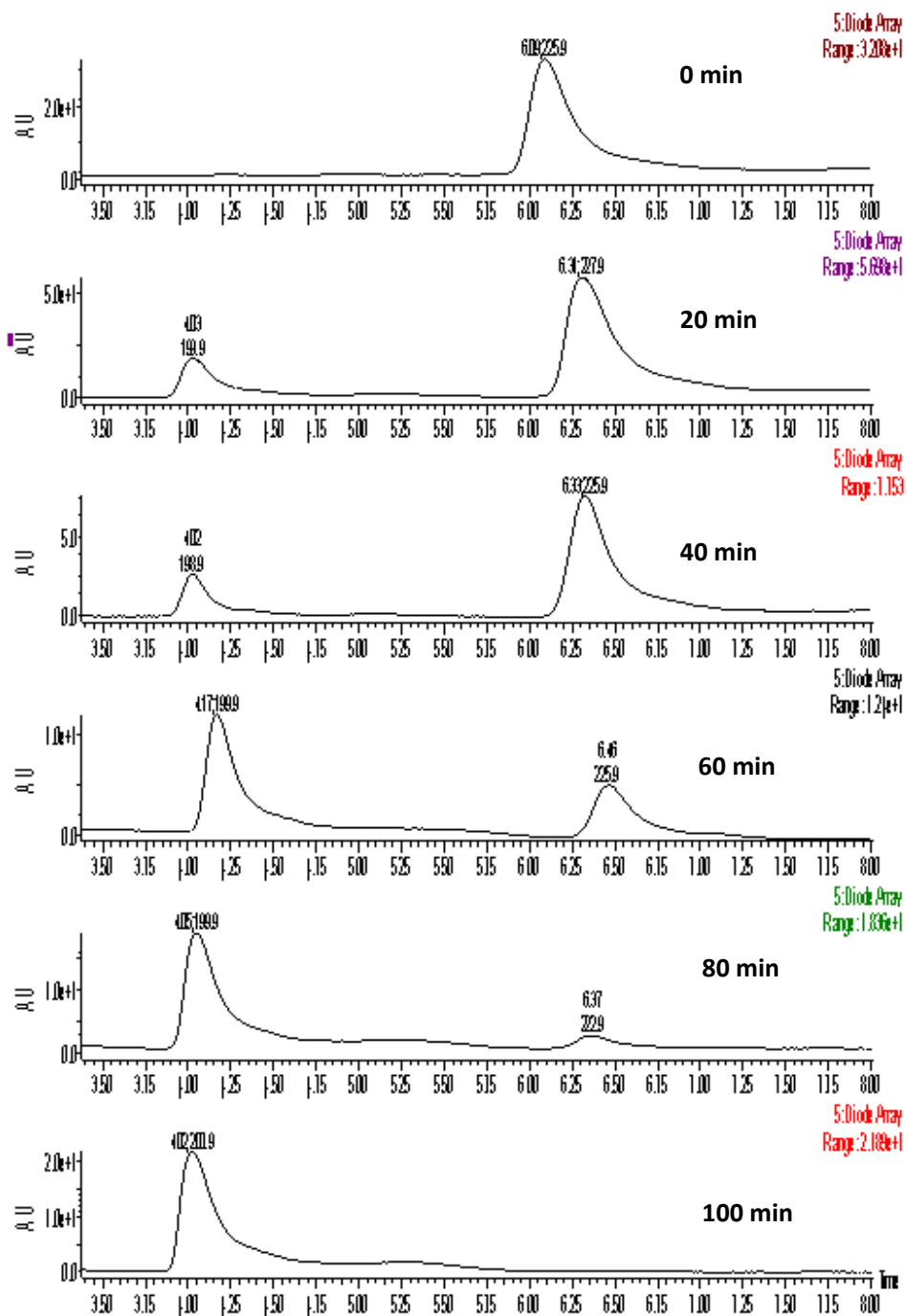
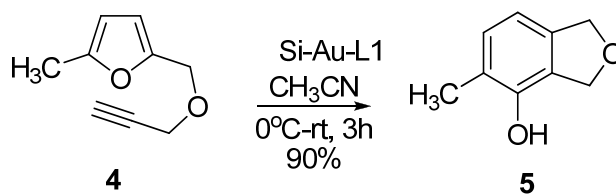
ESI-10: ^1H NMR (200.13MHz, CDCl_3) and ^{13}C NMR (50.32MHz, CDCl_3) of compound **12**



ESI-11: Linear Isotherm of Ludox Nanoparticles



ESI-12: Cycle 1: Hashmi Reaction (Time Course Study)



ESI-13: Cycle 2: Hashmi Reaction (Time Course Study)

