

Adamantylated organosilatrane: Design, synthesis and potential appraisal in surface modification and antiprotozoal activity

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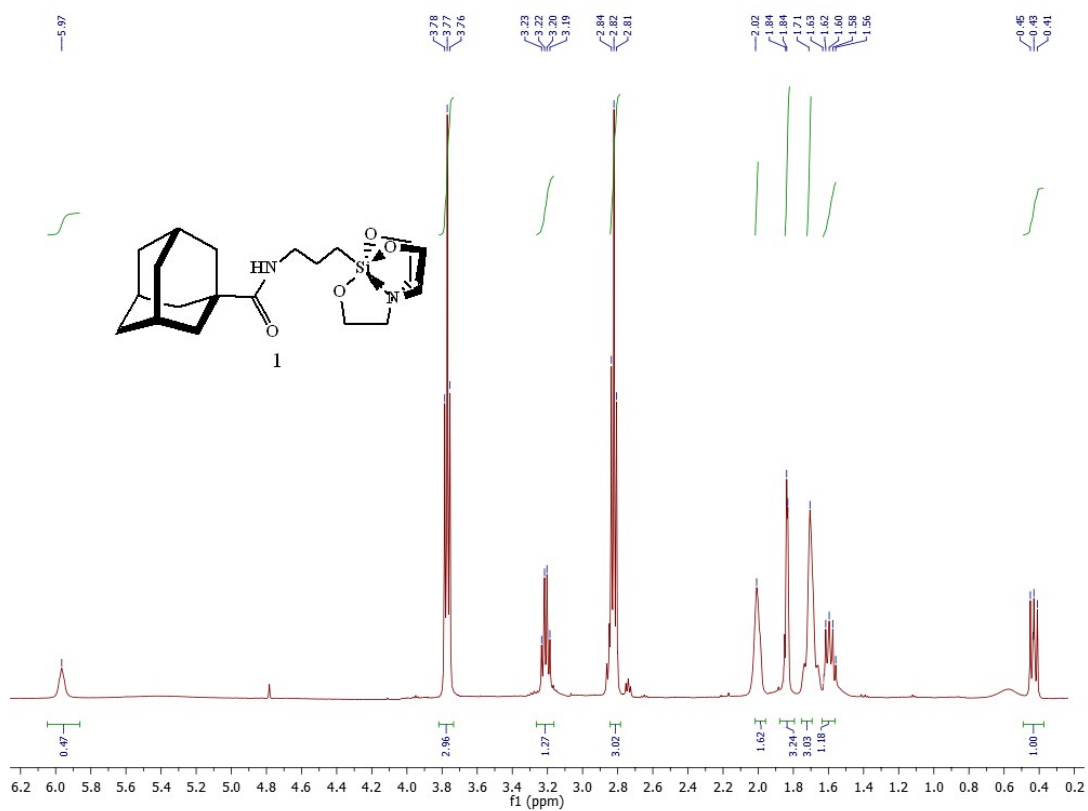


Figure S1. ¹H NMR spectrum of **1**

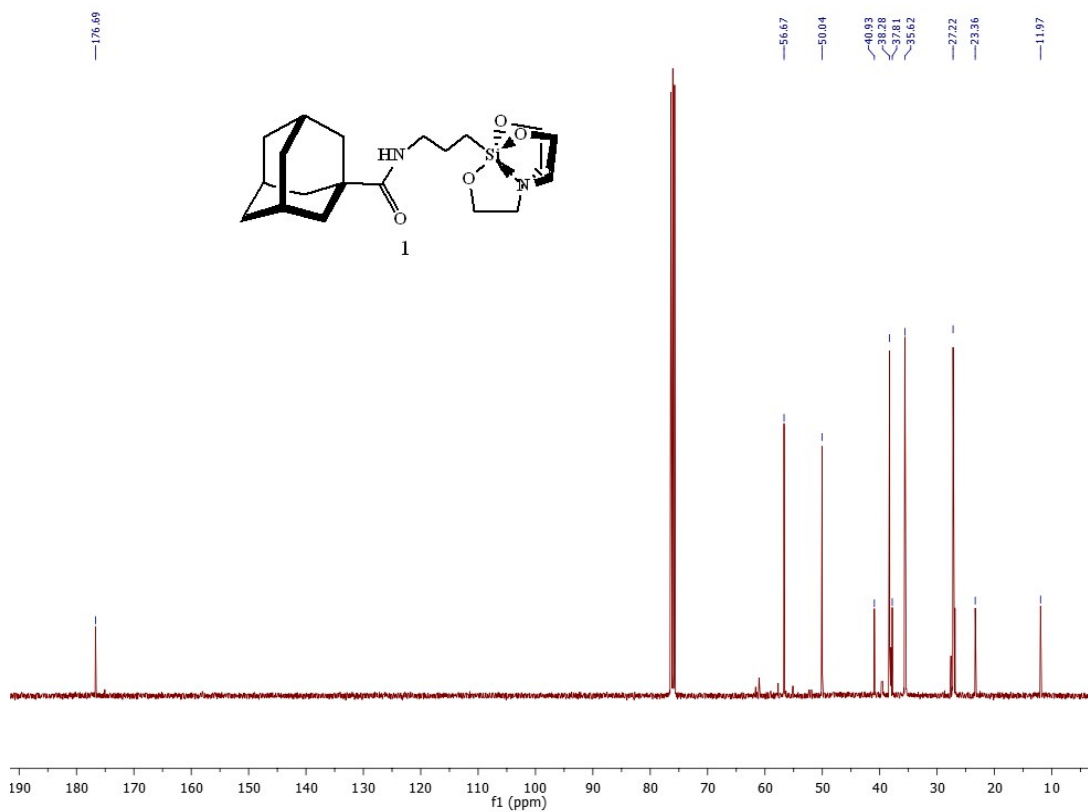


Figure S2. ¹³C NMR spectrum of **1**

WATERS, Q-TOF MICROMASS (ESI-MS)
SUNITA ADE-1 8 (0.148)

SAIF/CIL,PANJAB UNIVERSITY,CHANDIGARH
TOF MS ES+
4.09e3

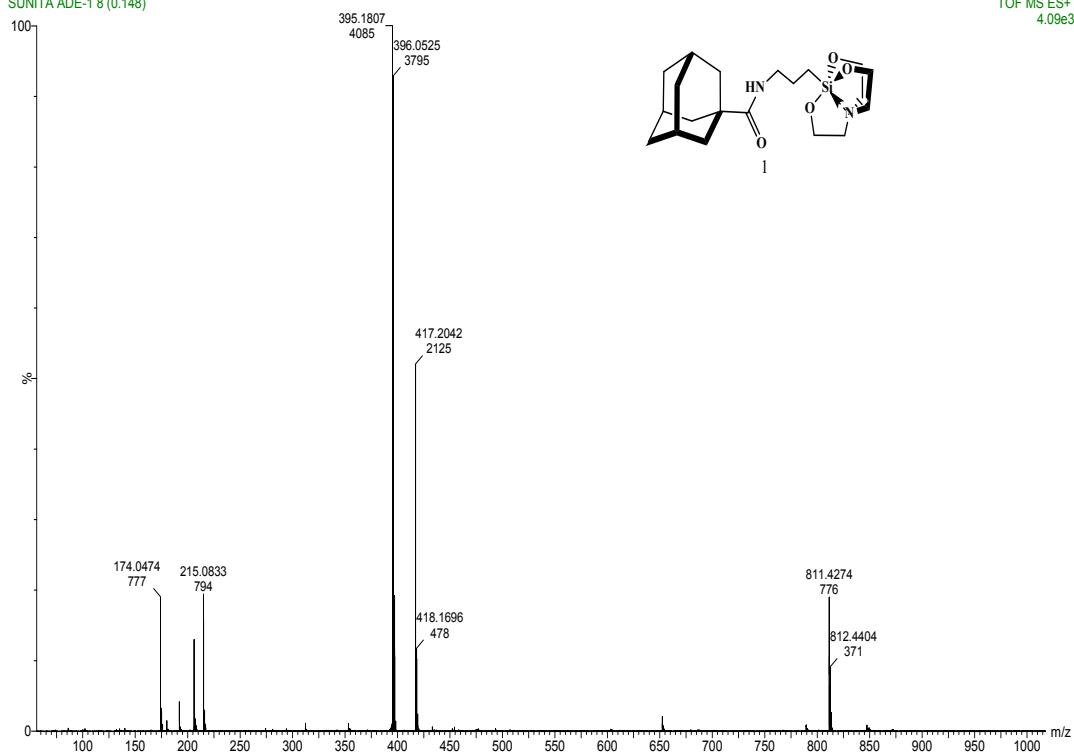


Figure S3. Mass spectrum of 1

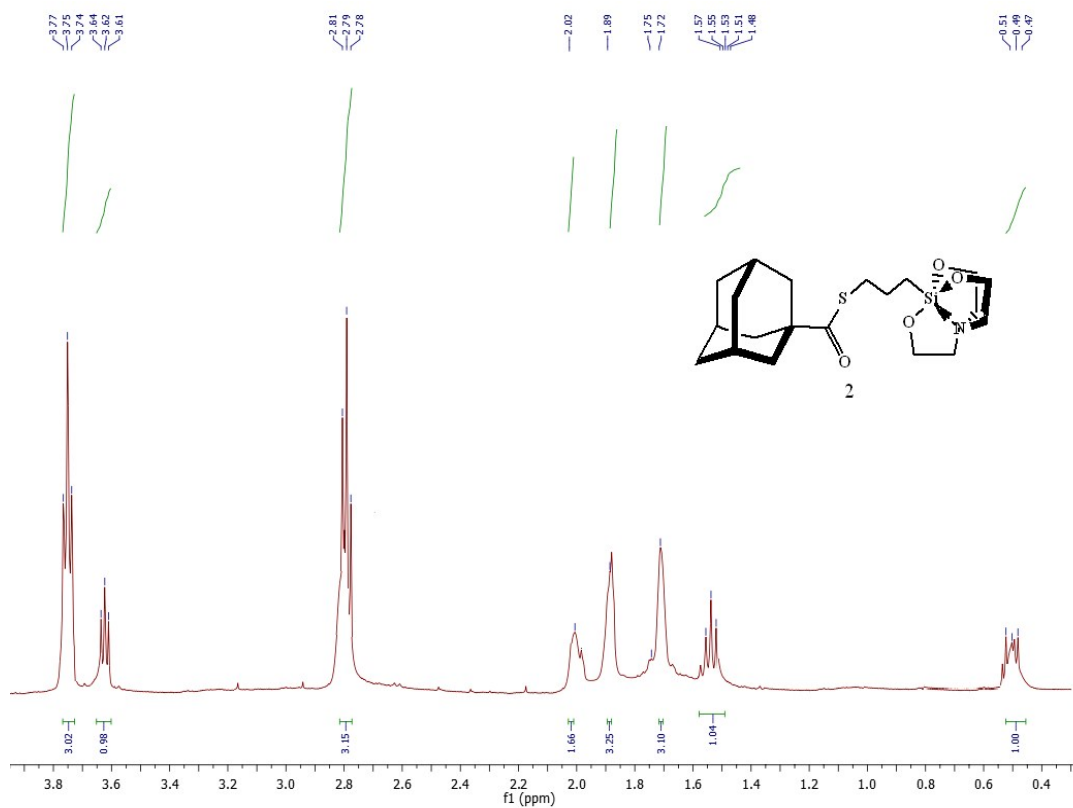


Figure S4. ¹H NMR spectrum of 2

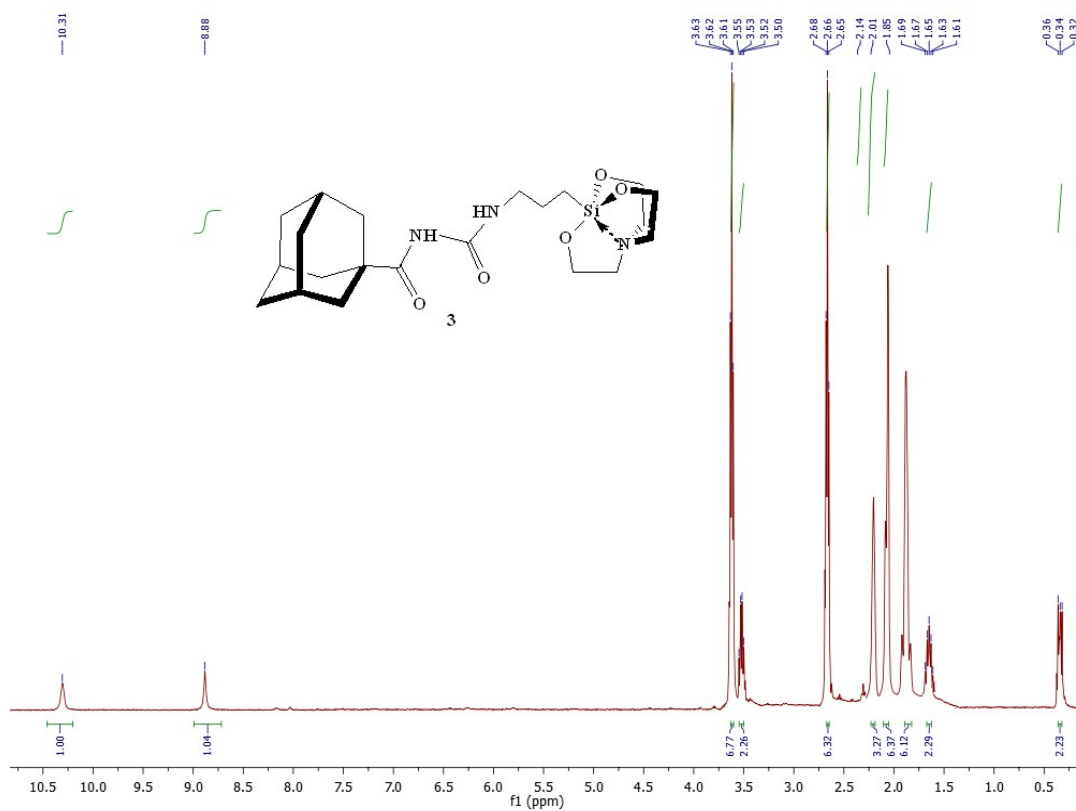


Figure S7. ¹H NMR spectrum of **3**

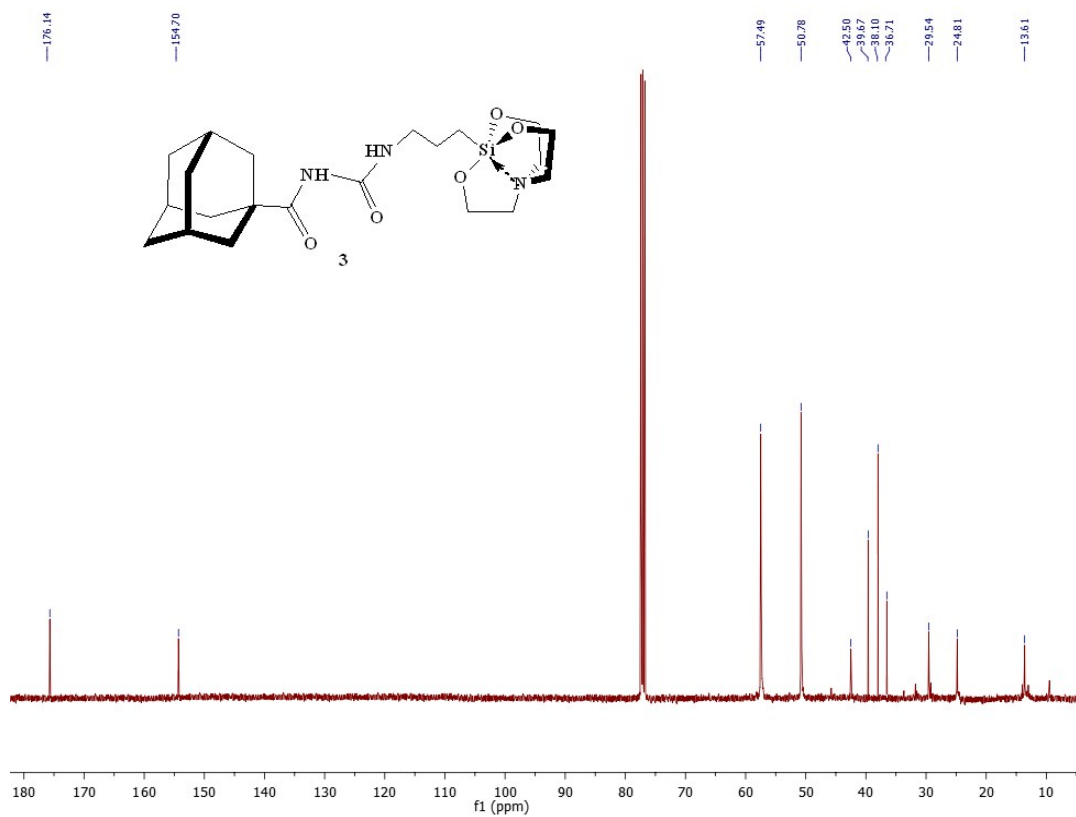
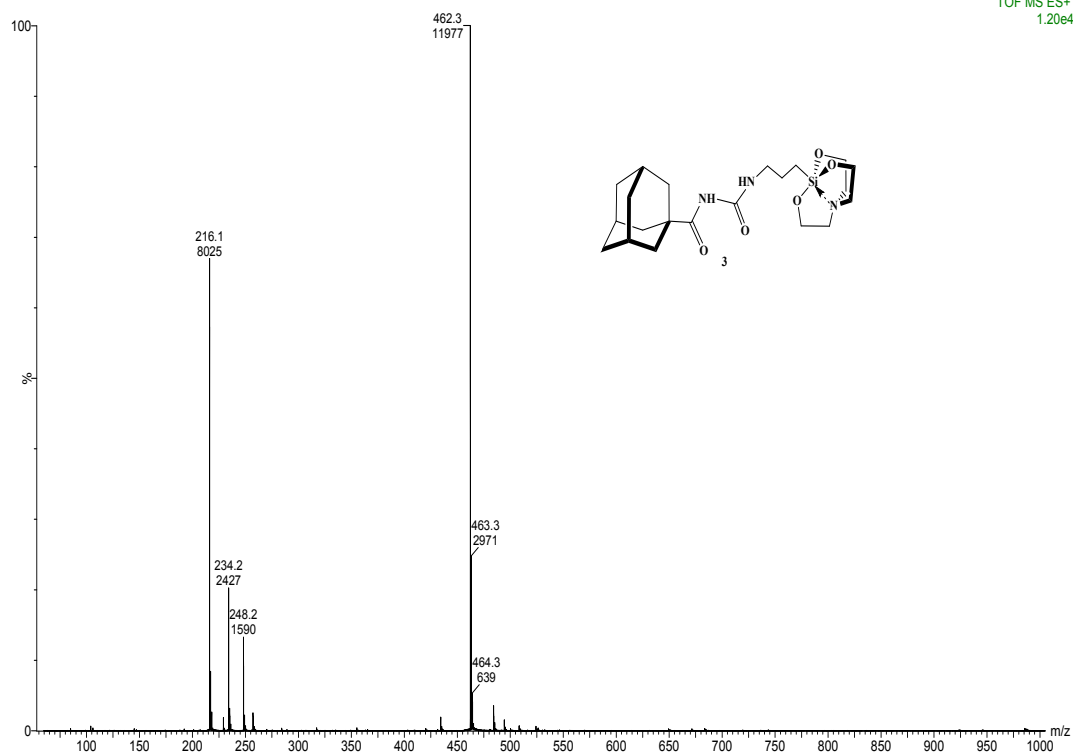
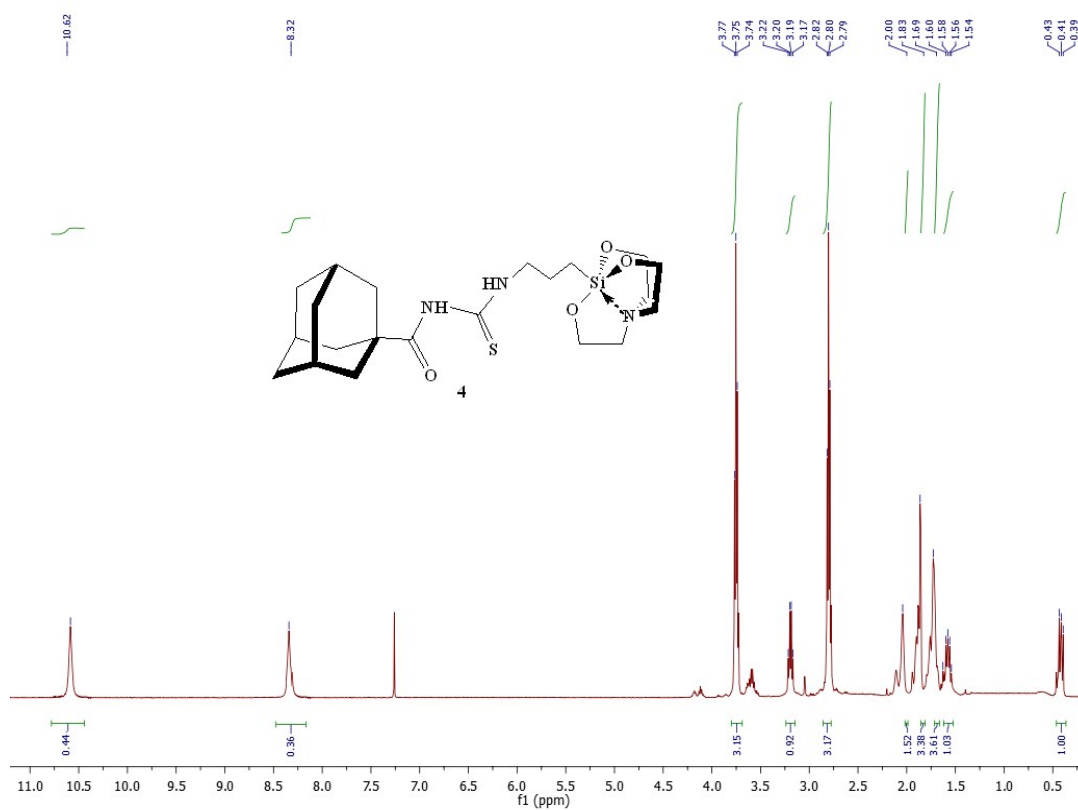


Figure S8. ¹³C NMR spectrum of **3**

Figure S9. Mass spectrum of **3**Figure S10. ^1H NMR spectrum of **4**

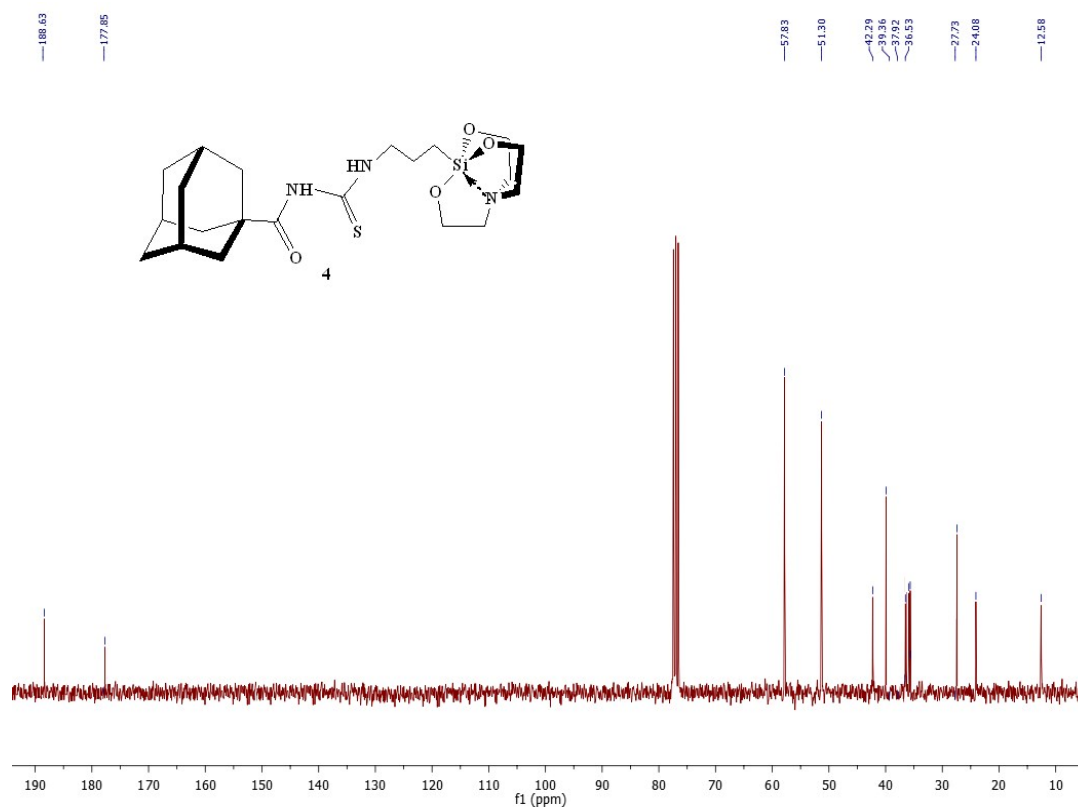


Figure S11. ¹³C NMR spectrum of 4

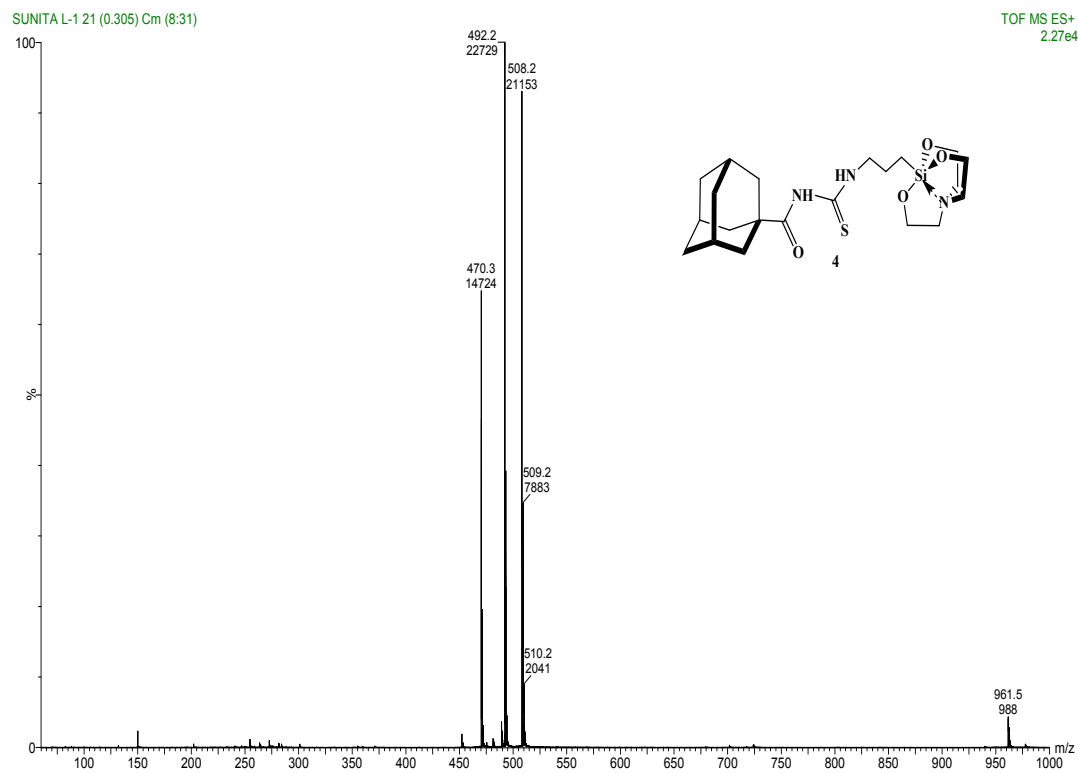


Figure S12. Mass spectrum of 4

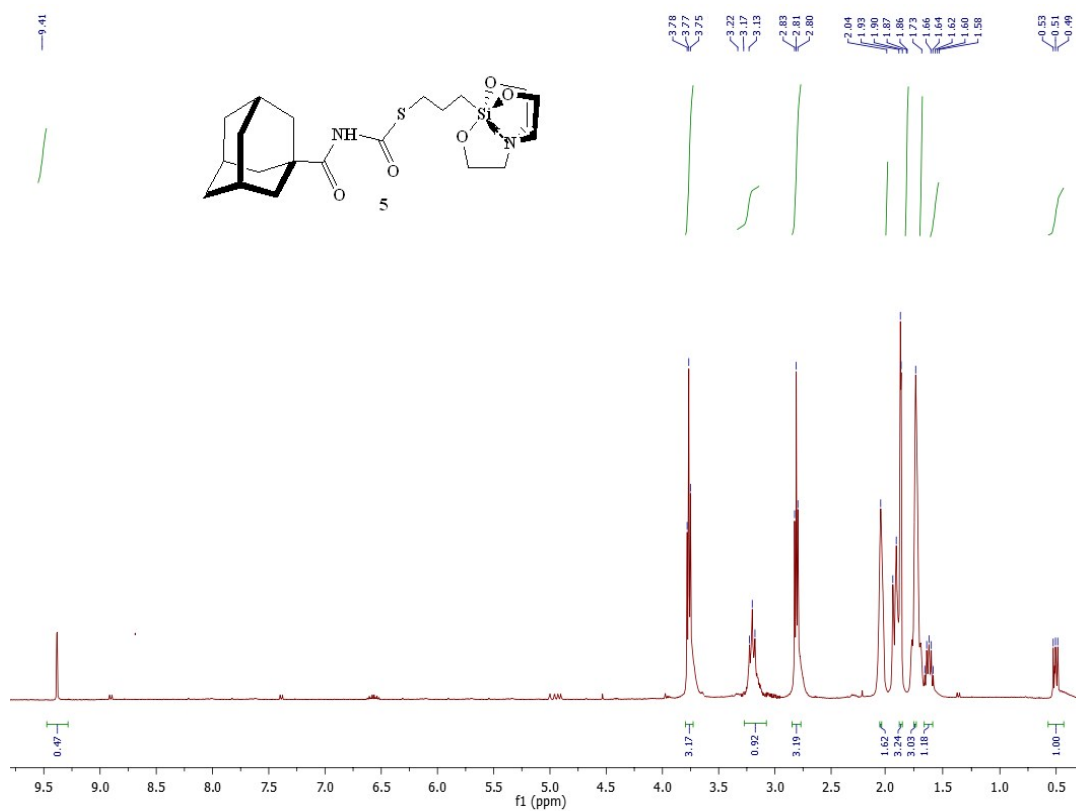


Figure S13. ¹H NMR spectrum of **5**

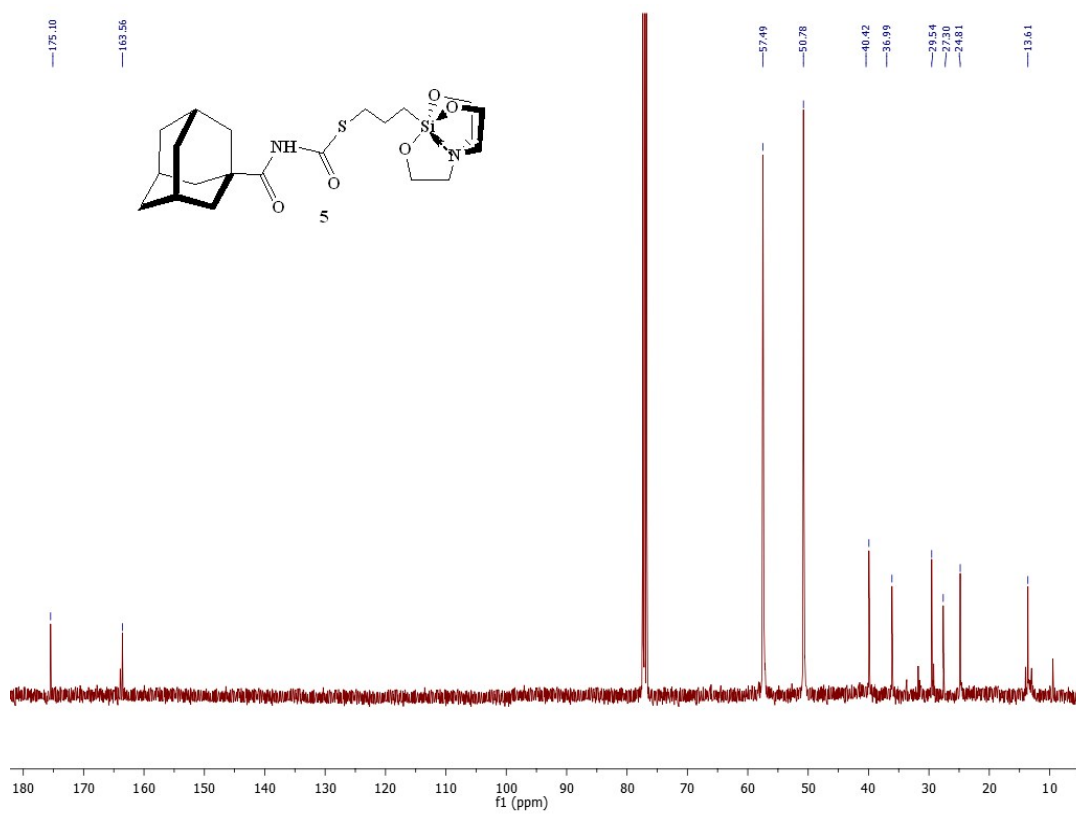
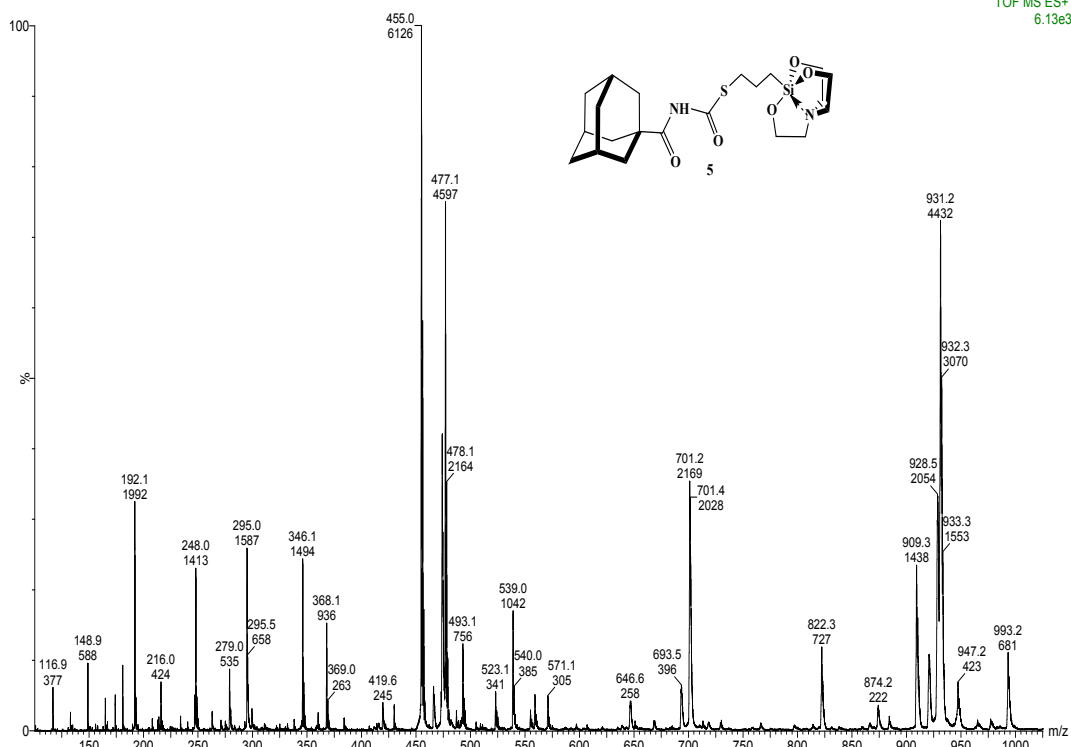
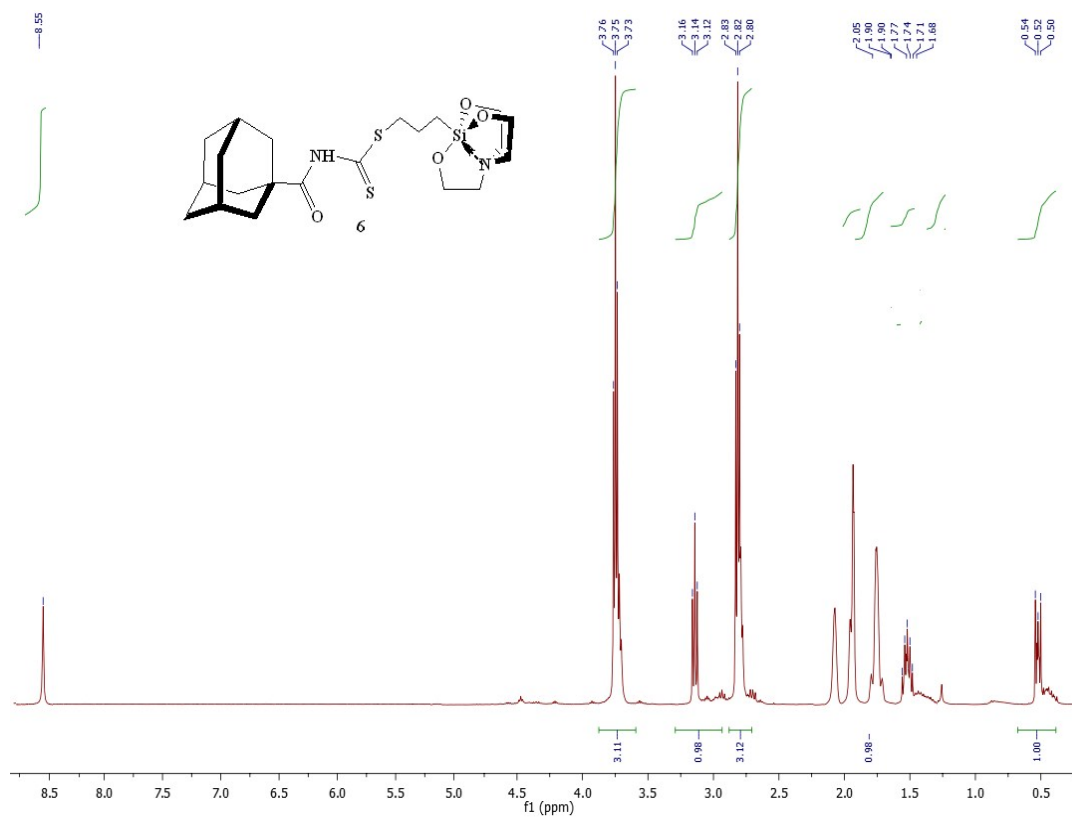


Figure S14. ¹³C NMR spectrum of **5**

Figure S15. Mass spectrum of **5**Figure S16. ¹H NMR spectrum of **6**

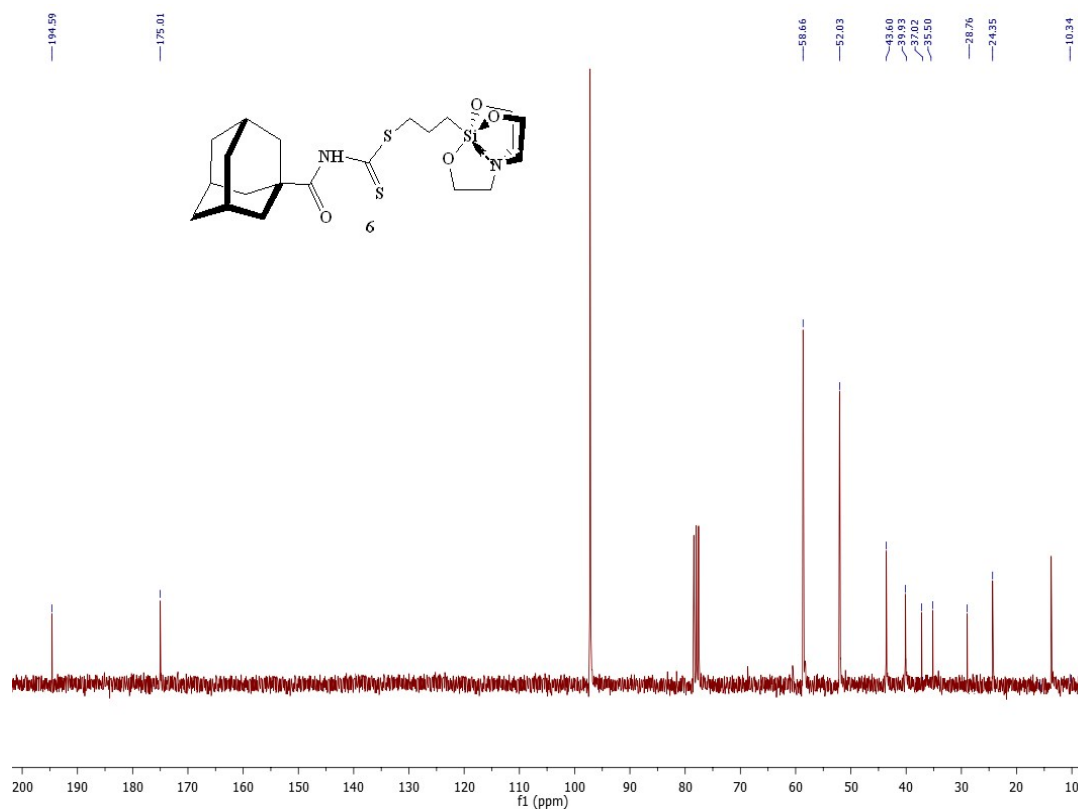


Figure S17. ¹³C NMR spectrum of 6

WATERS, Q-TOF MICROMASS (LC-MS)

SAIF/CIL, PANJAB UNIVERSITY, CHANDIGARH

TOF MS ES+
1.20e4

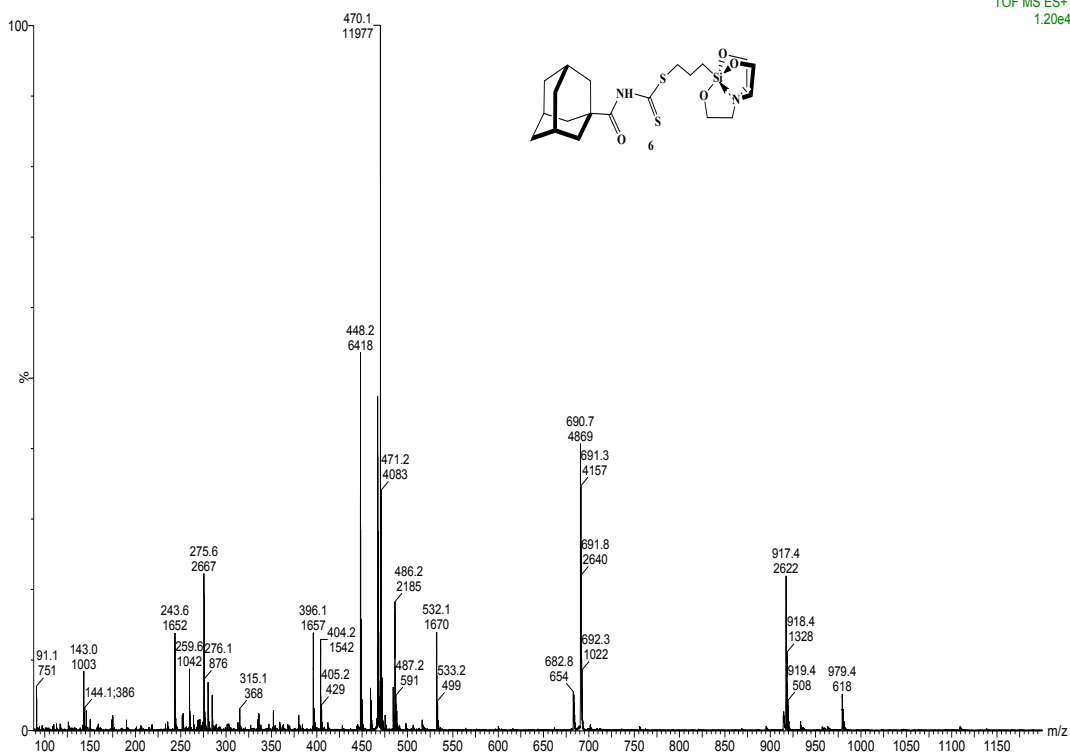


Figure S18. Mass spectrum of 6

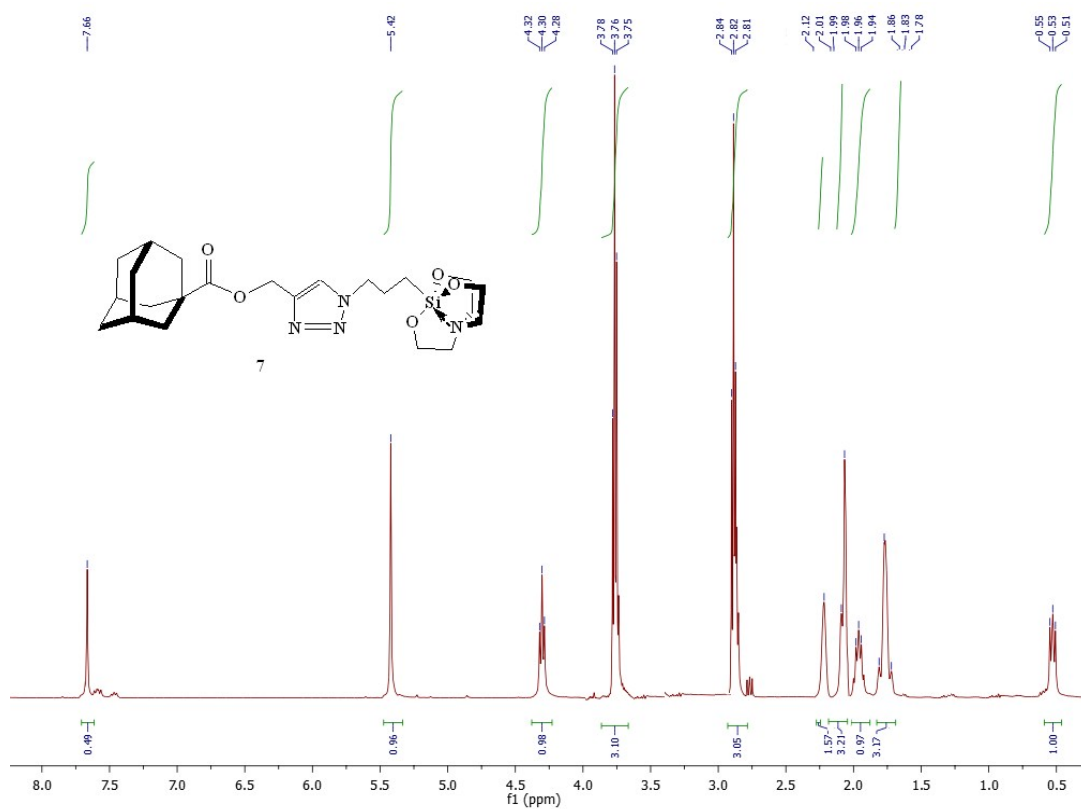


Figure S19. ¹H NMR spectrum of 7

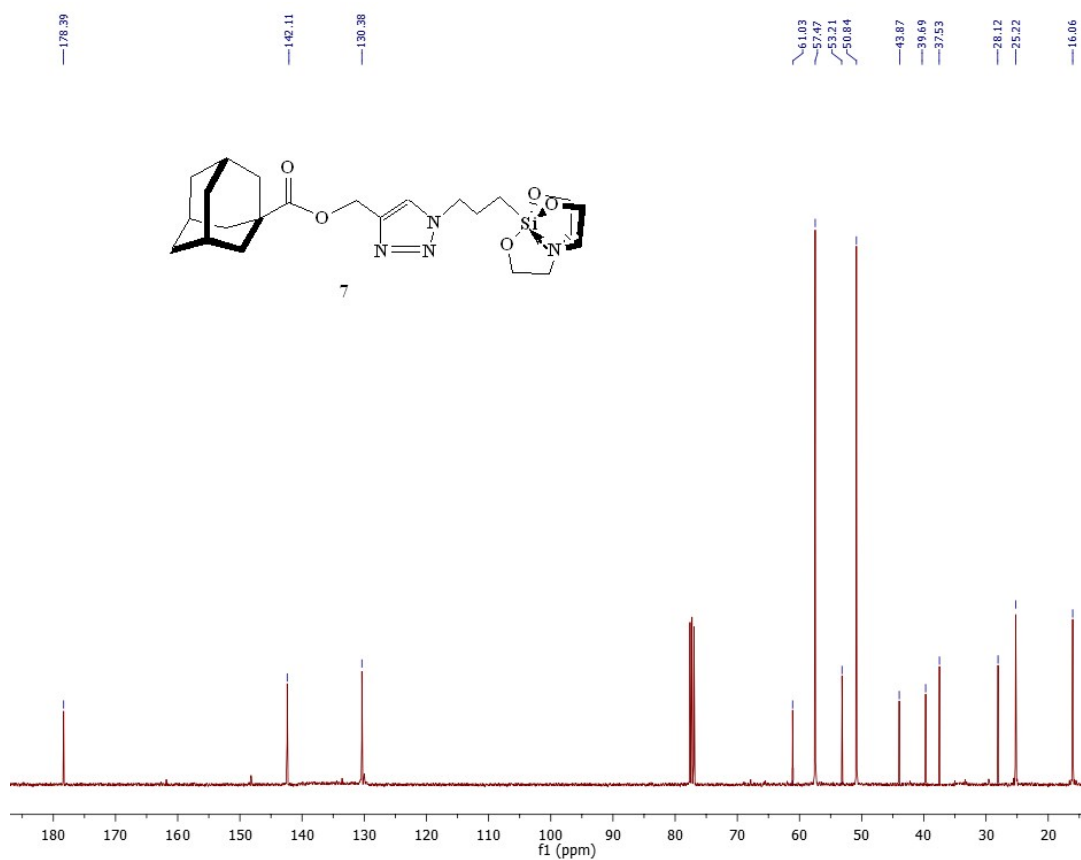


Figure S20. ¹³C NMR spectrum of 7

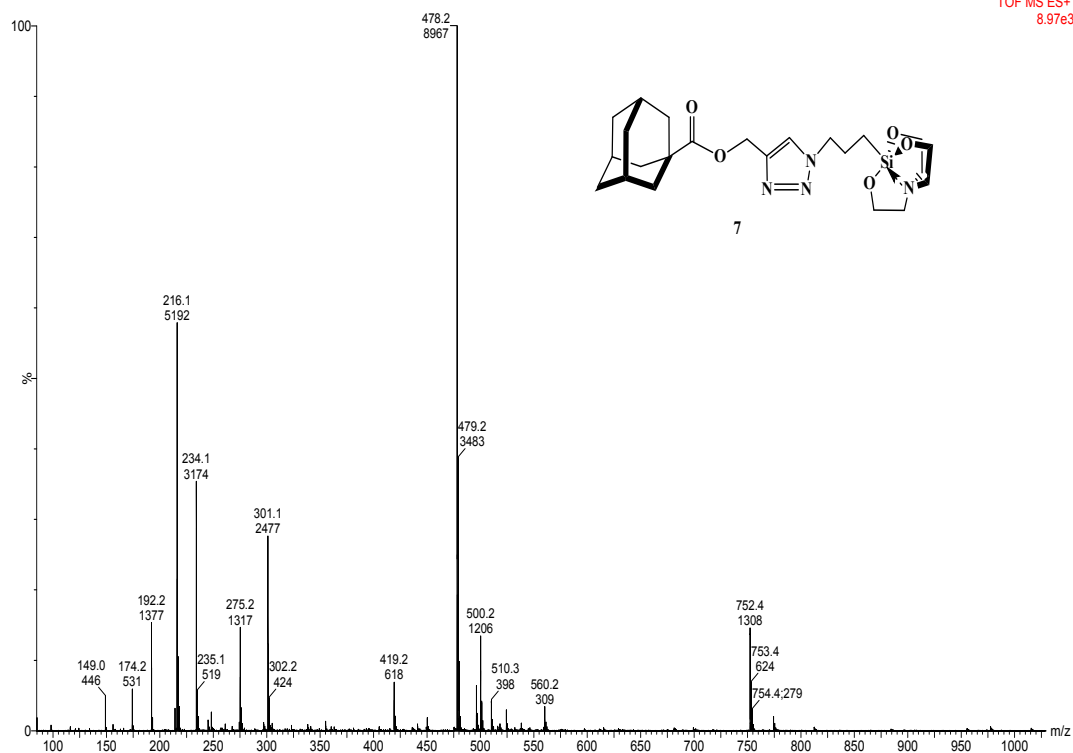
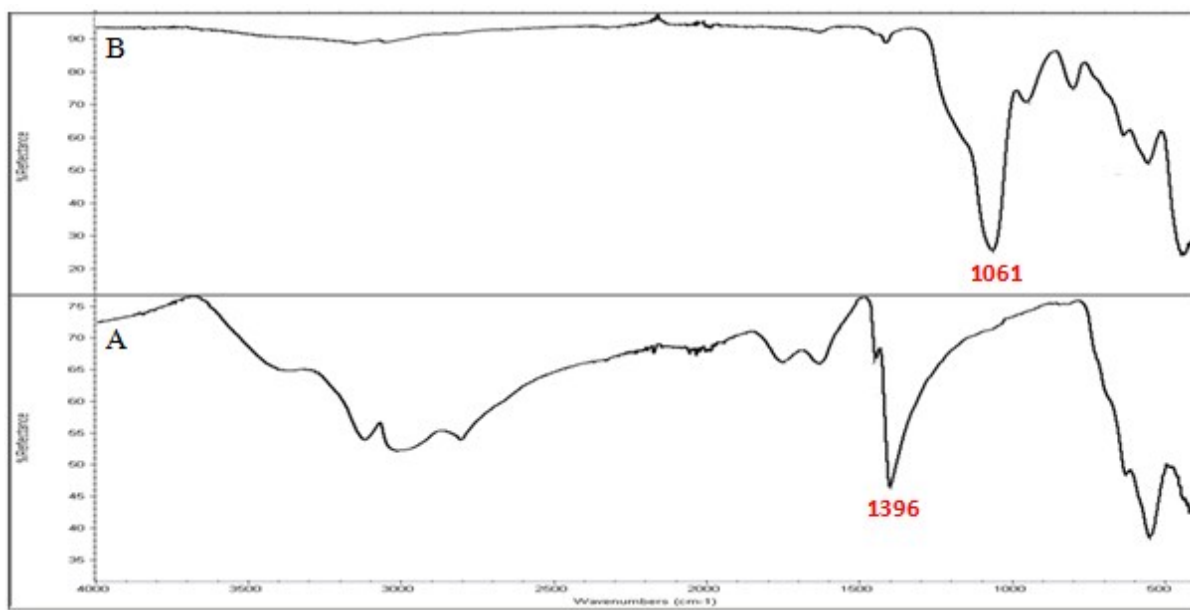


Figure S21. Mass spectrum of 7

Figure S22. FT-IR spectra of Fe₃O₄ (A) and Fe₃O₄@SiO₂ (B)

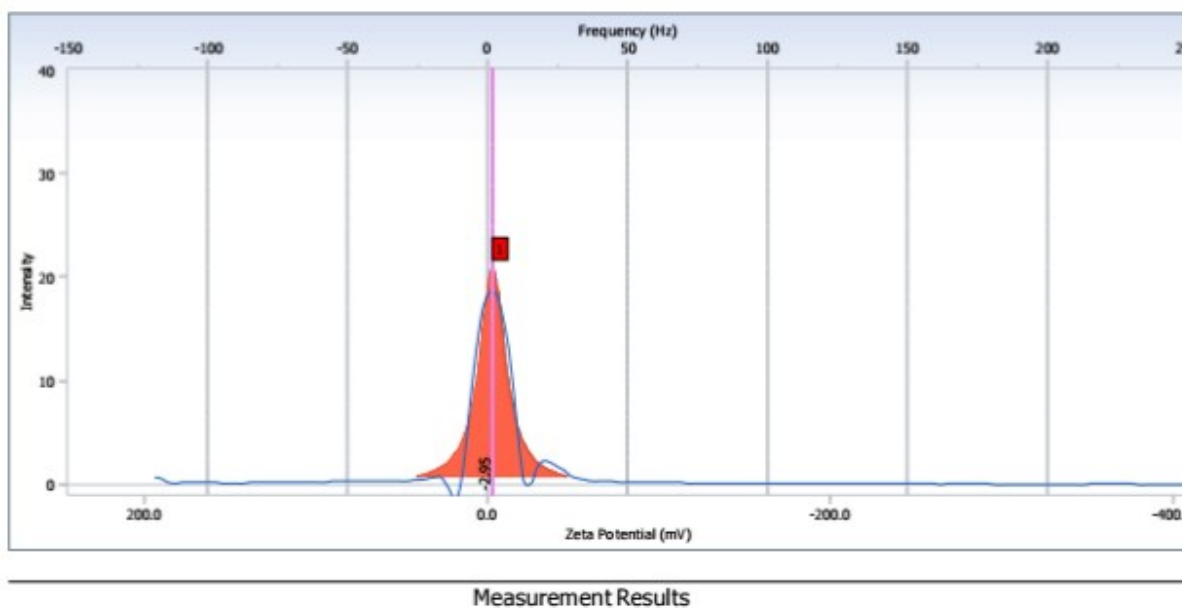


Figure S23. Zeta potential of Ad-HNPs