

Supplementary Information

Synthesis of crinane utilizing an allylic sulfoxide for the construction of hydroindole ring via vinylogous C-N bond formation

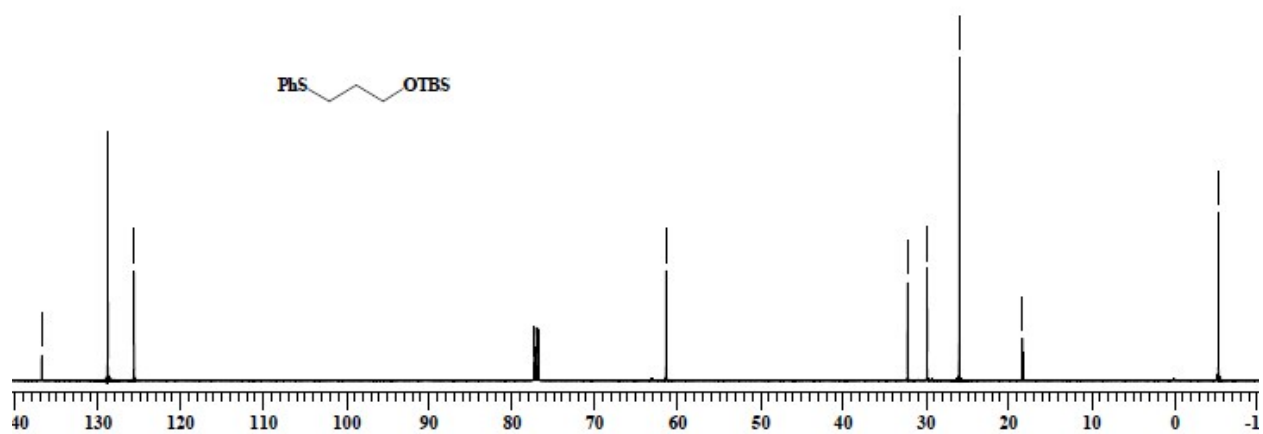
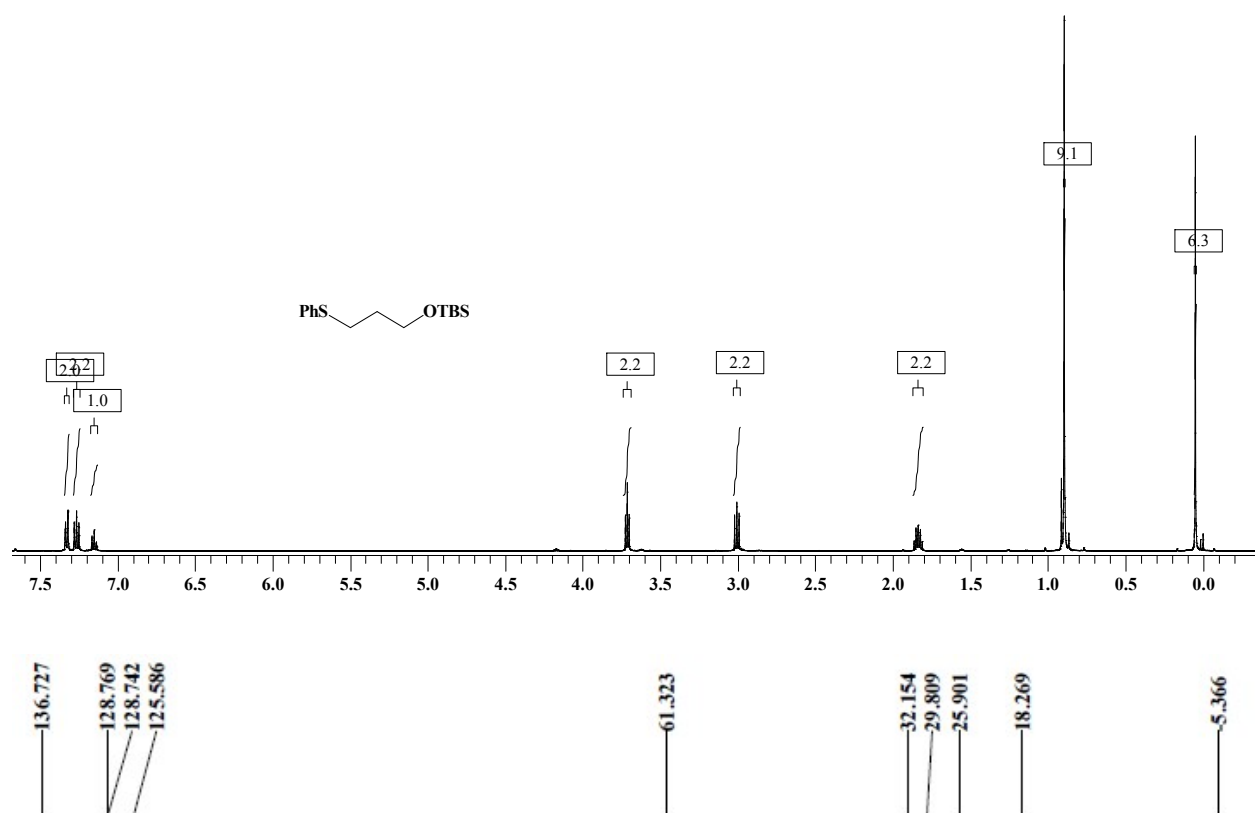
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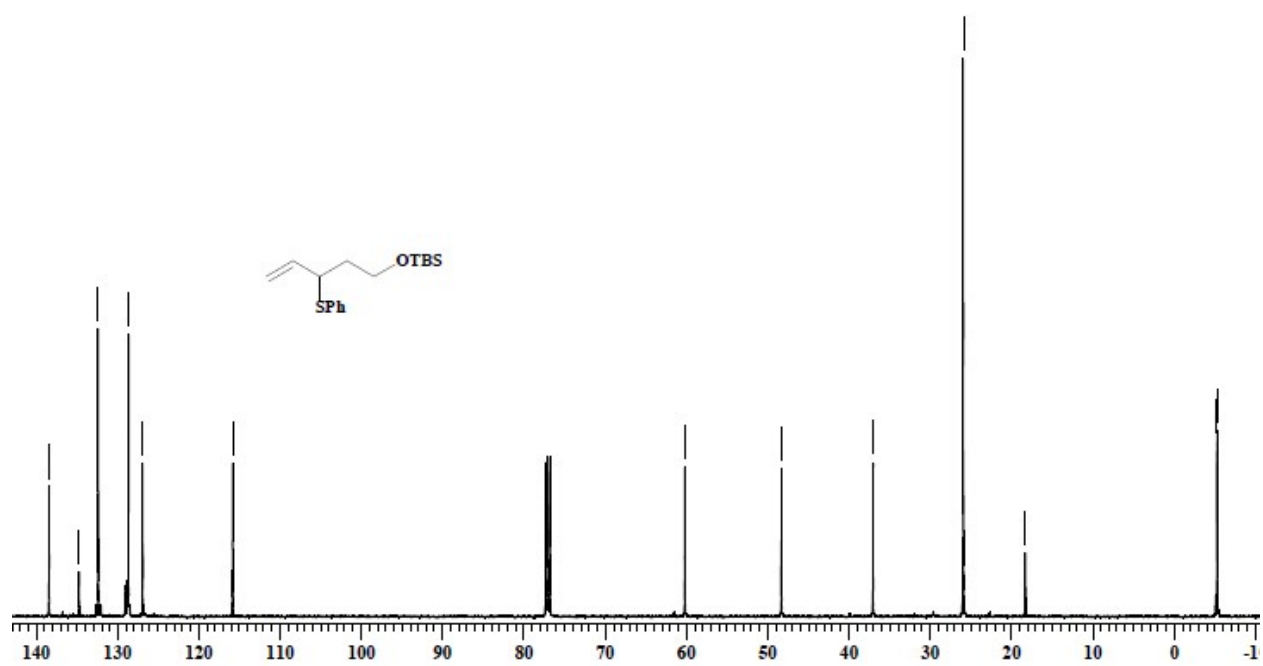
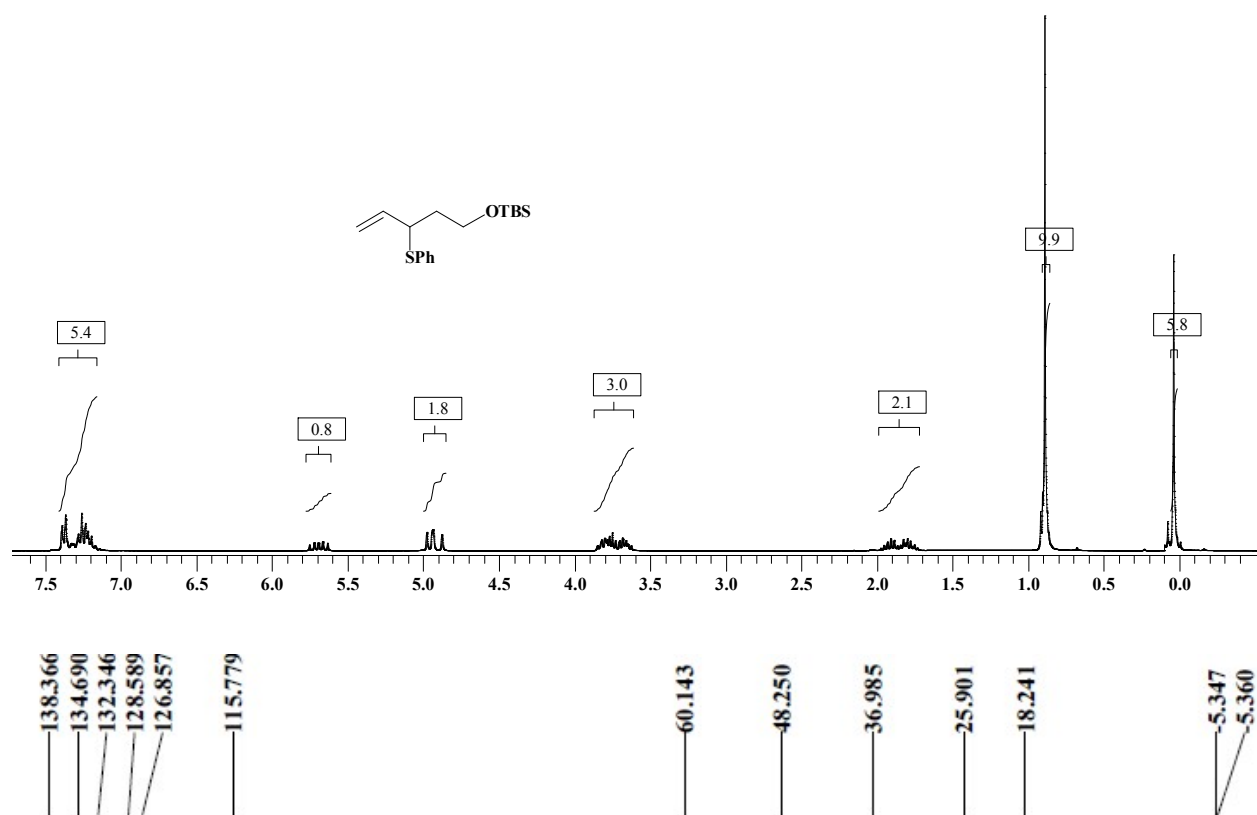
¹H and ¹³C NMR spectra

S2-S16

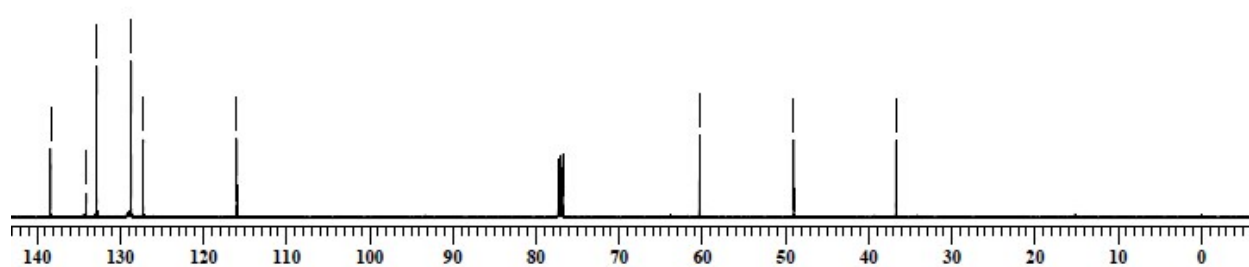
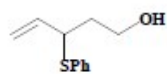
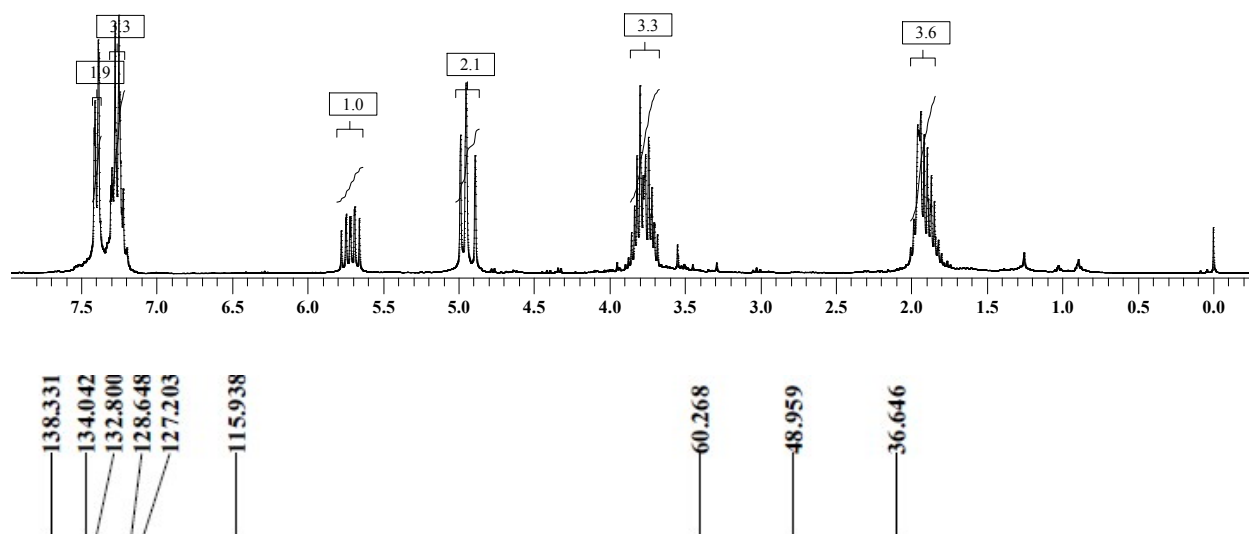
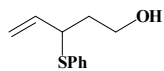
^1H and ^{13}C spectrum of Compound 12



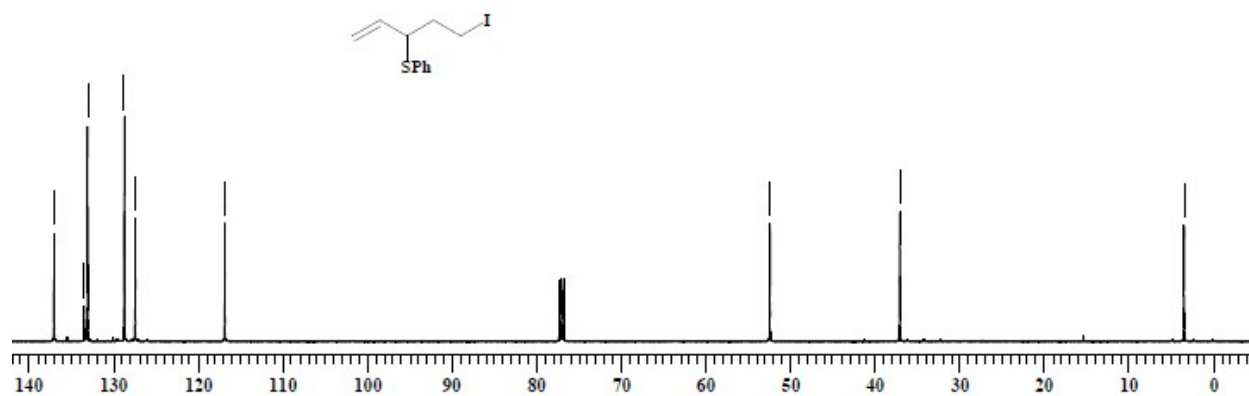
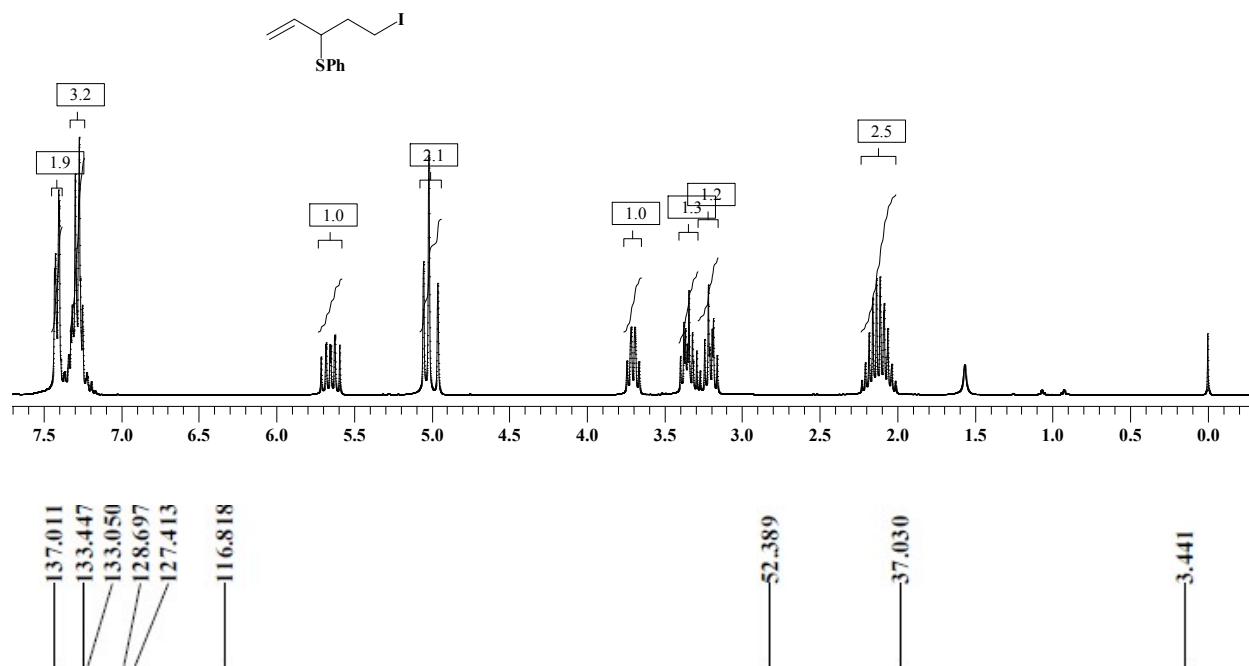
^1H and ^{13}C spectrum of Compound 14



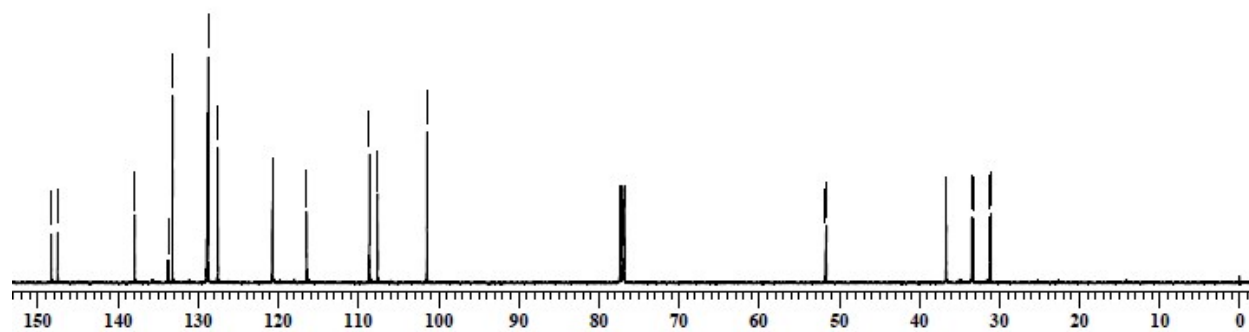
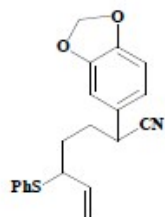
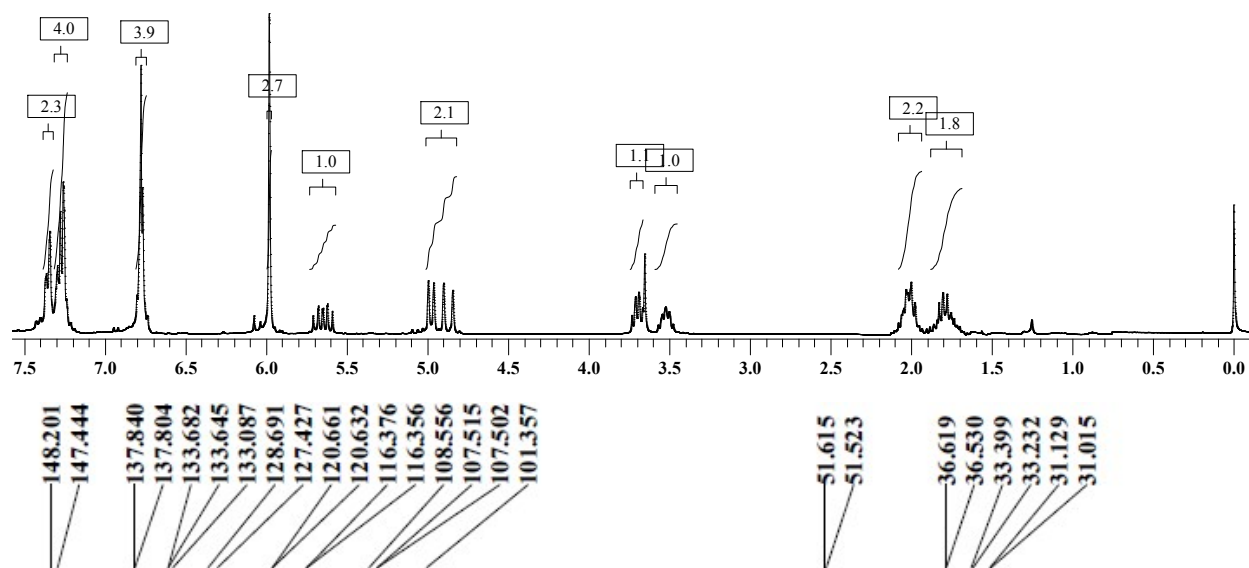
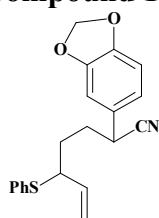
^1H and ^{13}C spectrum of Compound 15



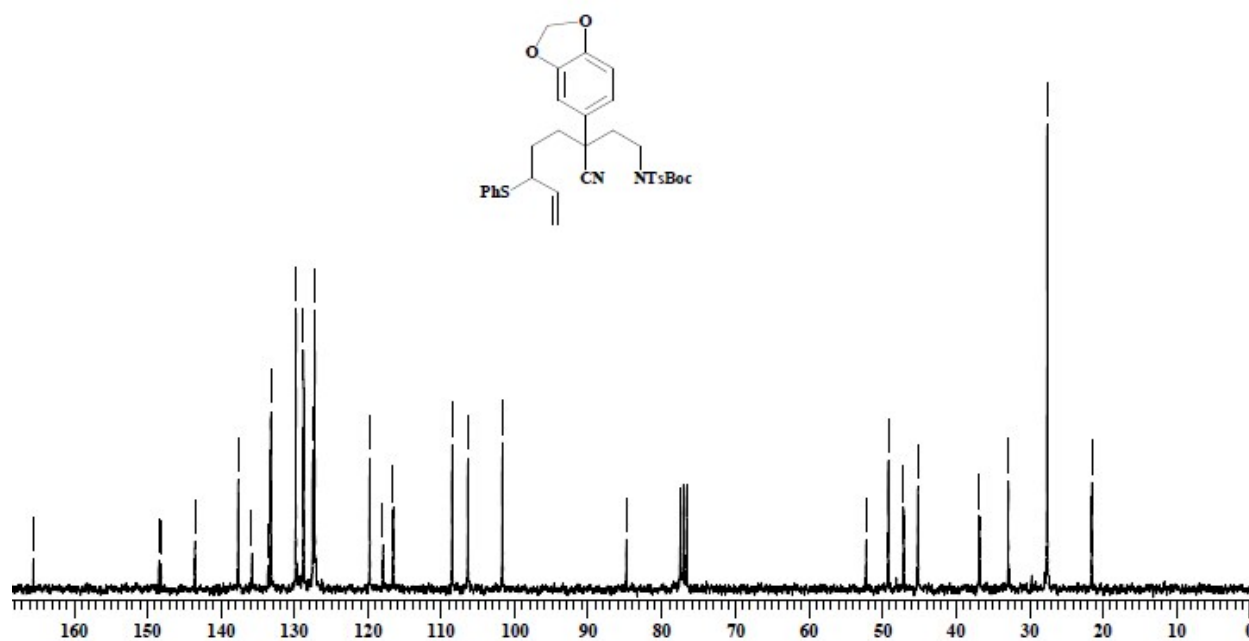
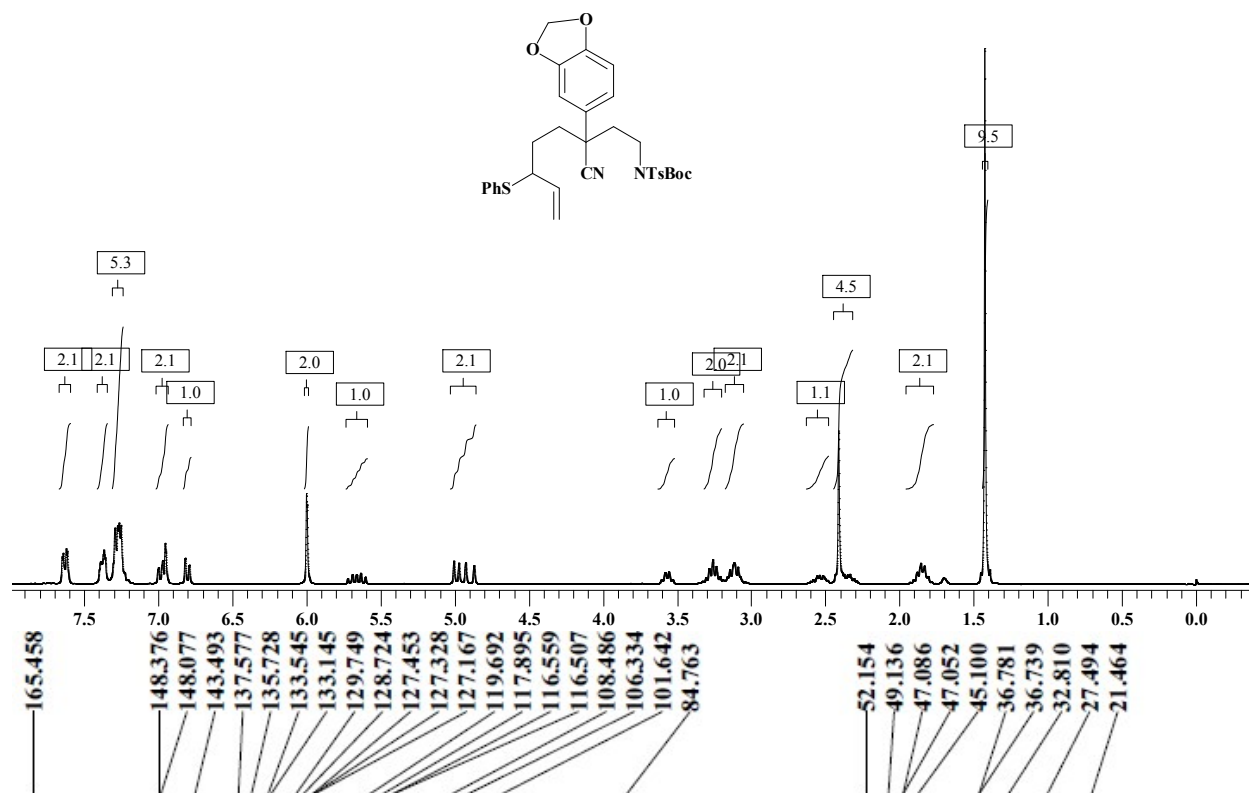
^1H and ^{13}C spectrum of Compound 9



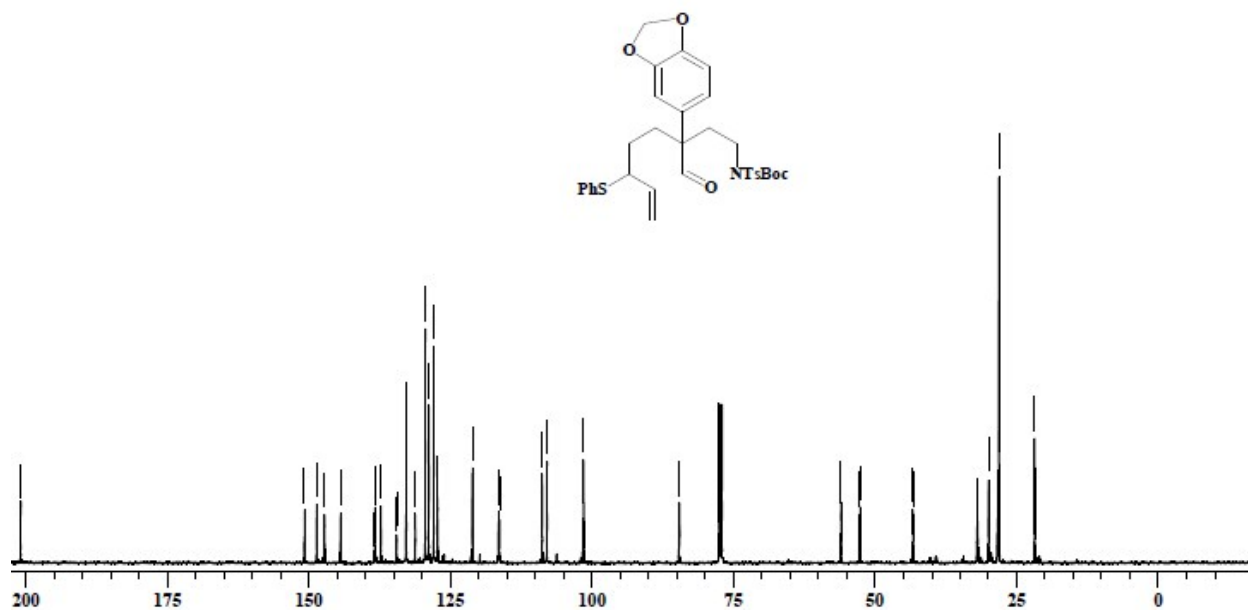
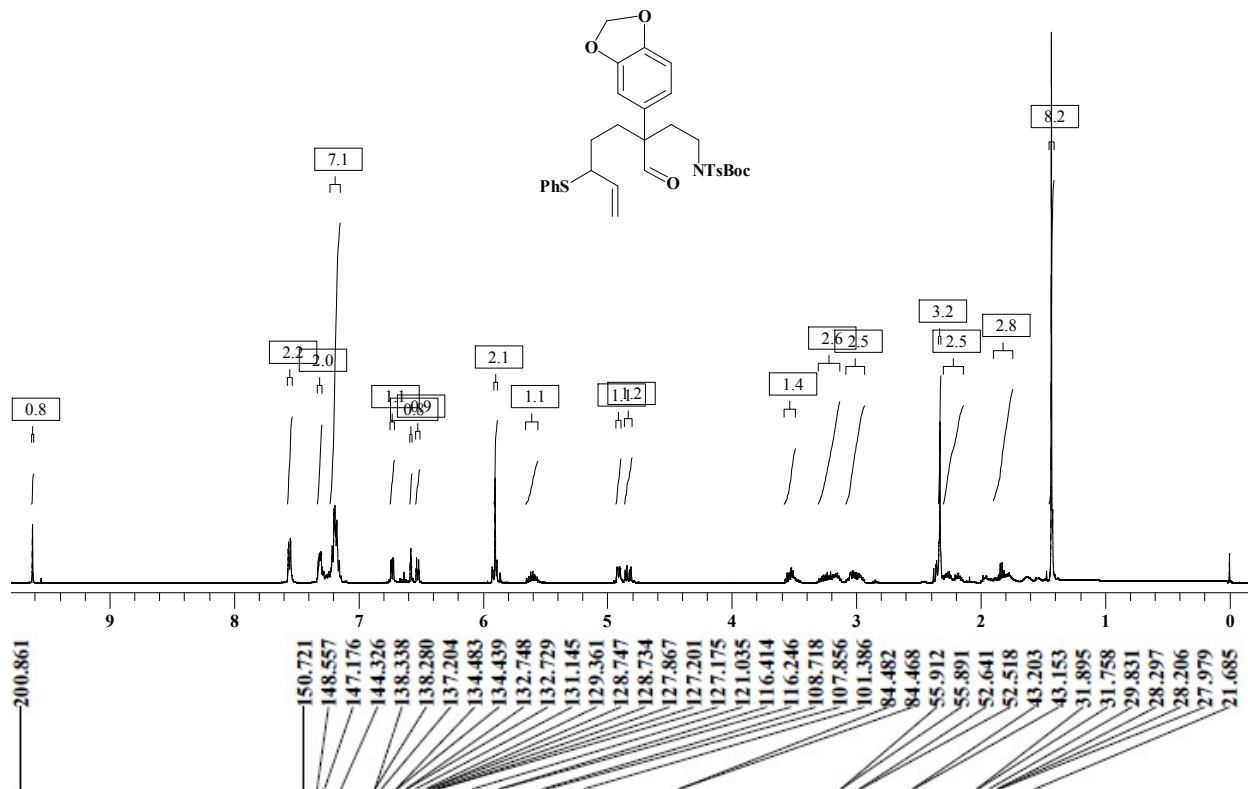
^1H and ^{13}C spectrum of Compound 16



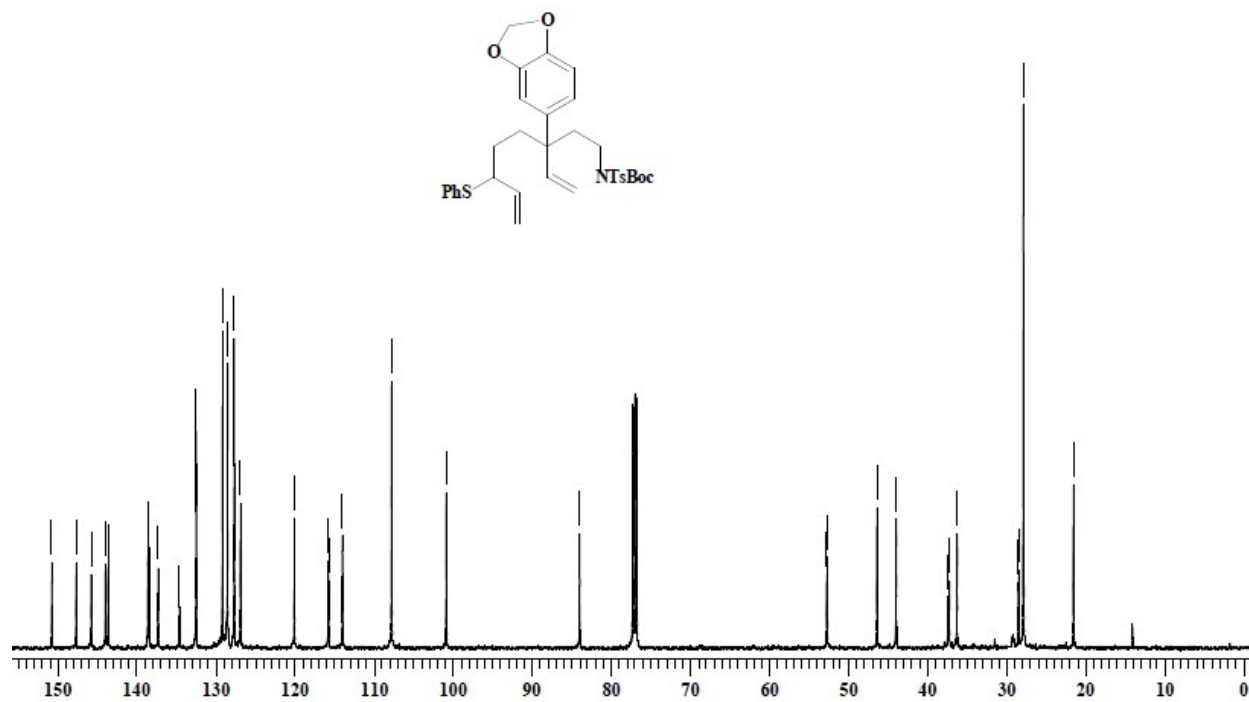
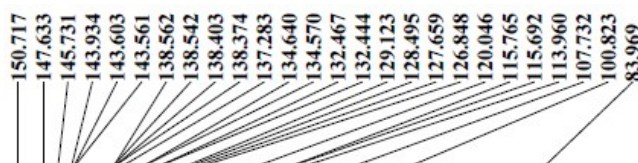
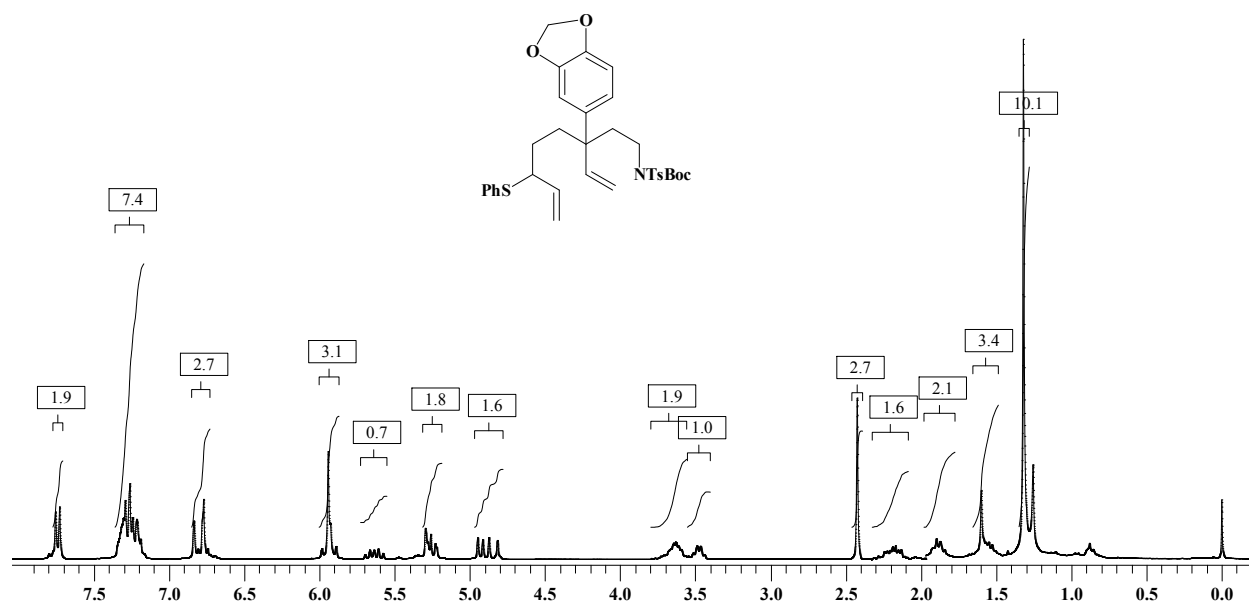
^1H and ^{13}C spectrum of Compound 17



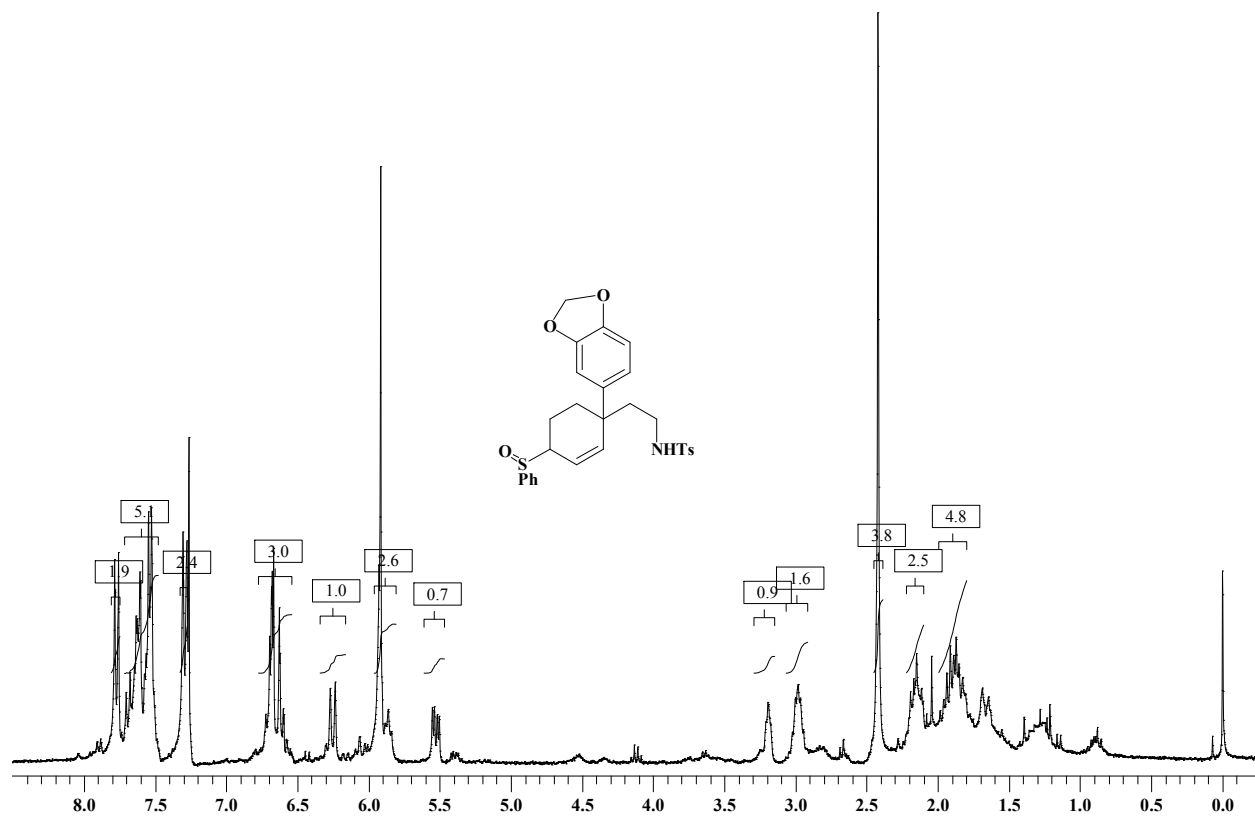
^1H and ^{13}C spectrum of Compound 18



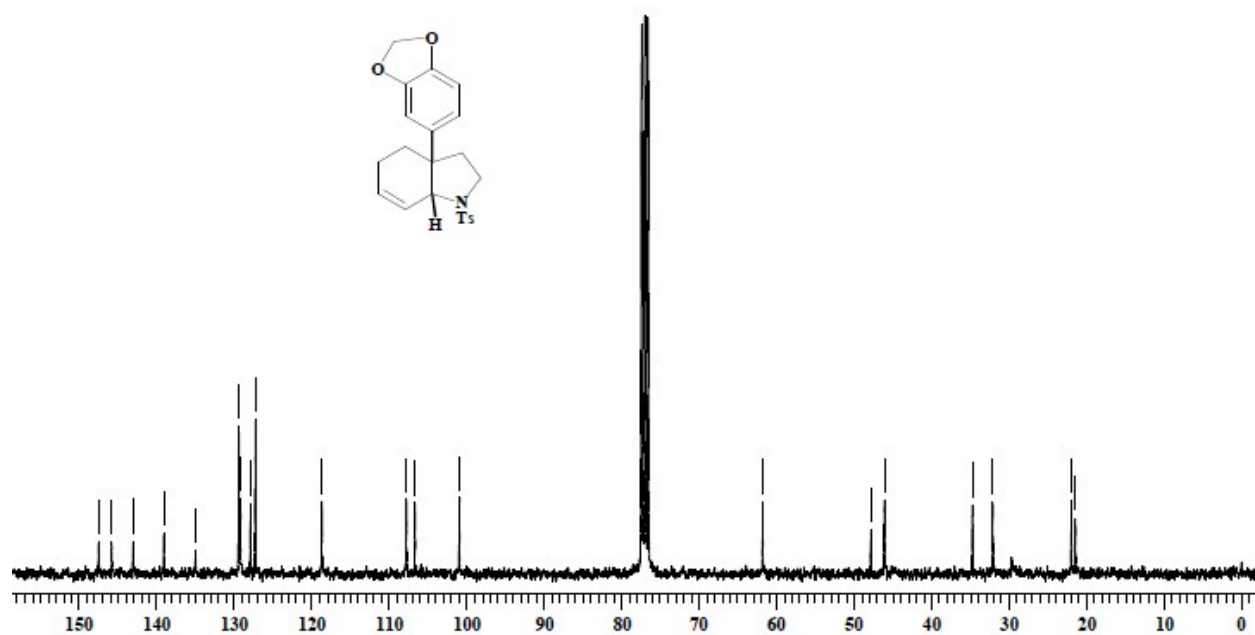
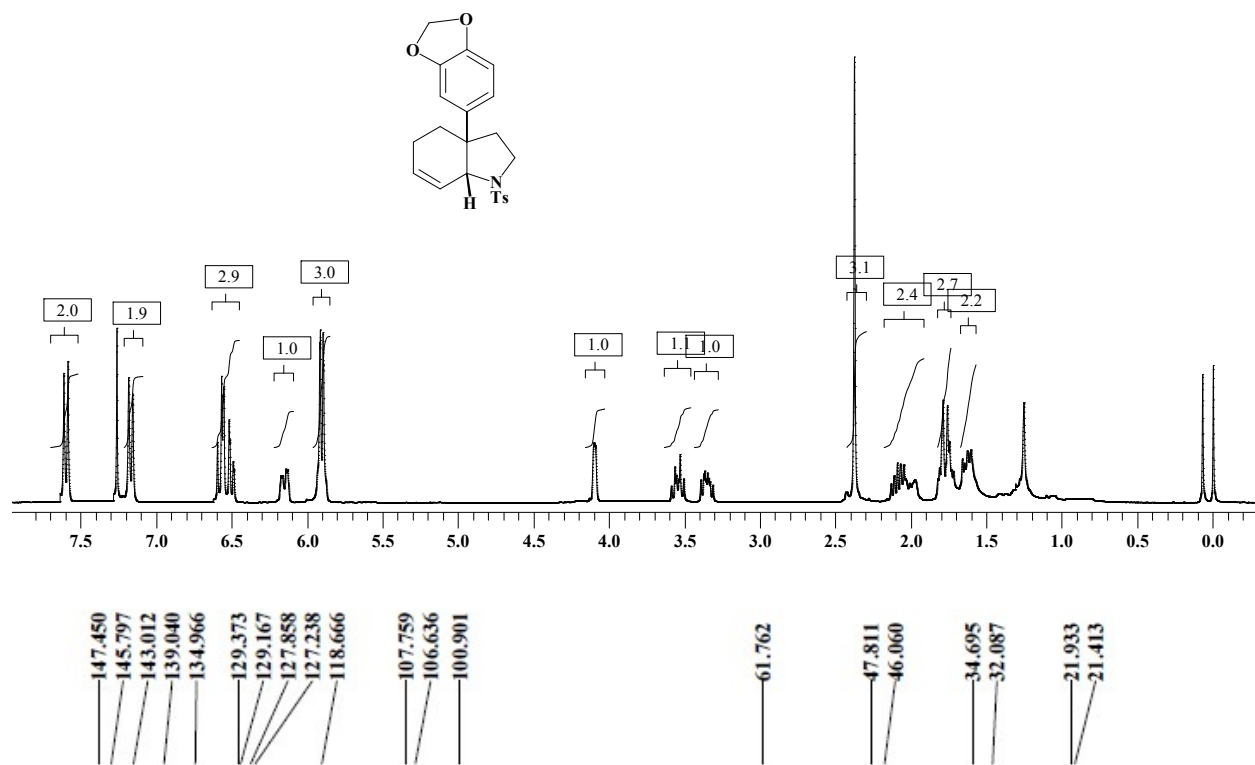
^1H and ^{13}C spectrum of Compound 7



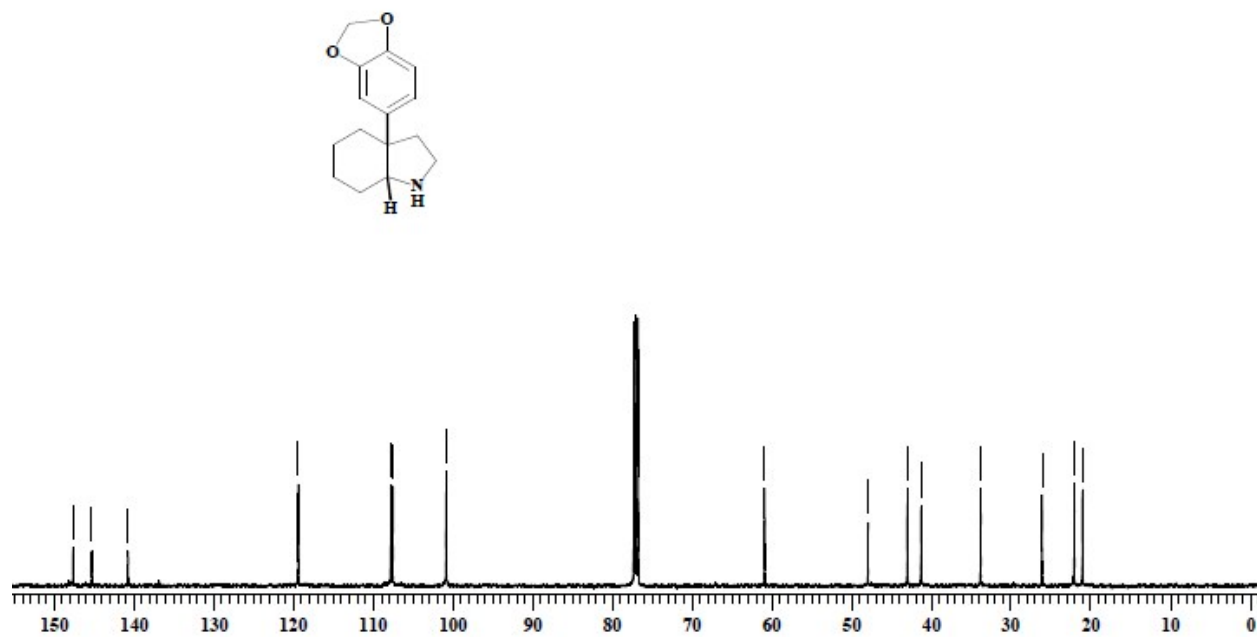
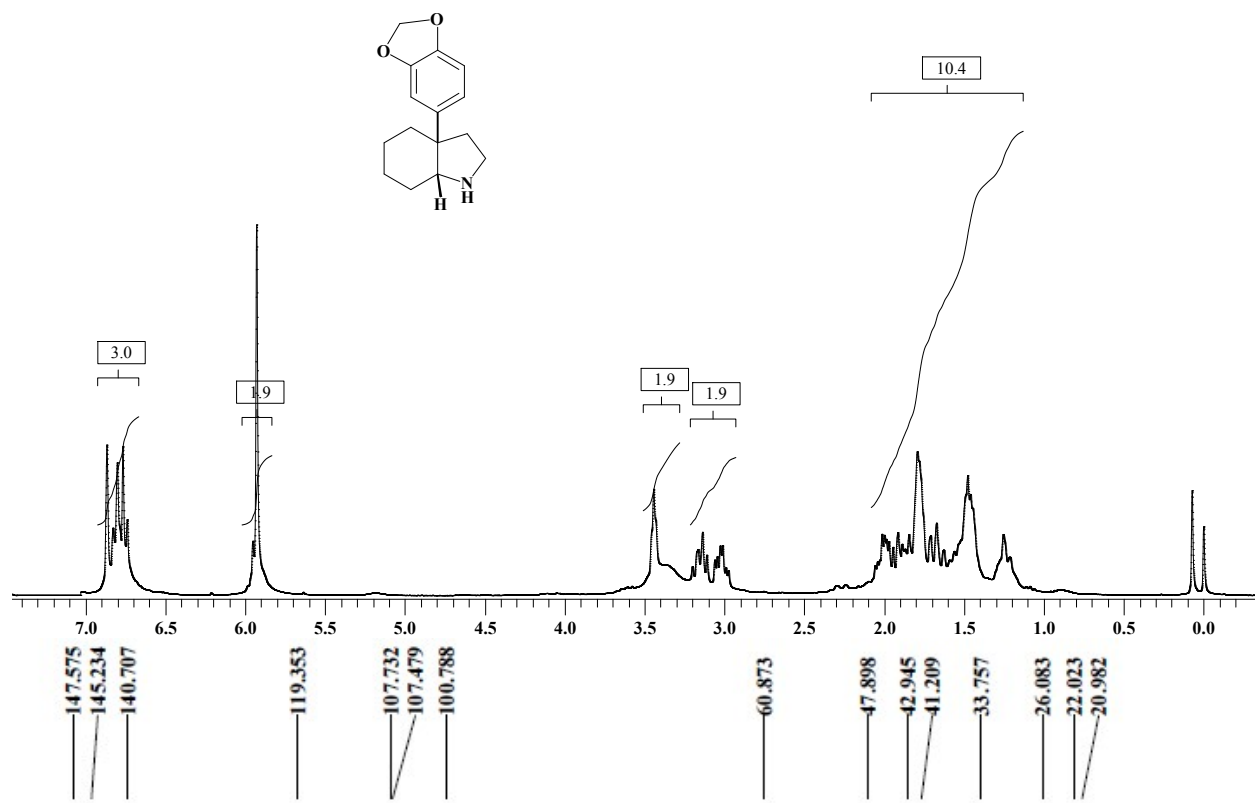
¹H spectrum of Compound 20



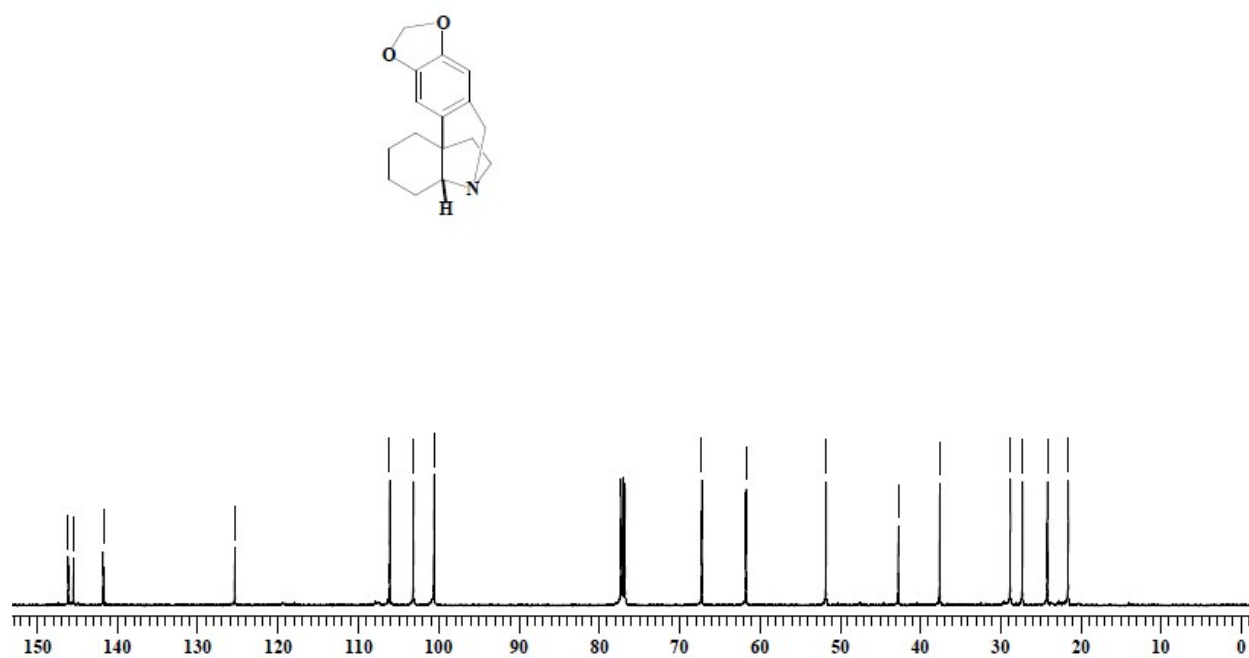
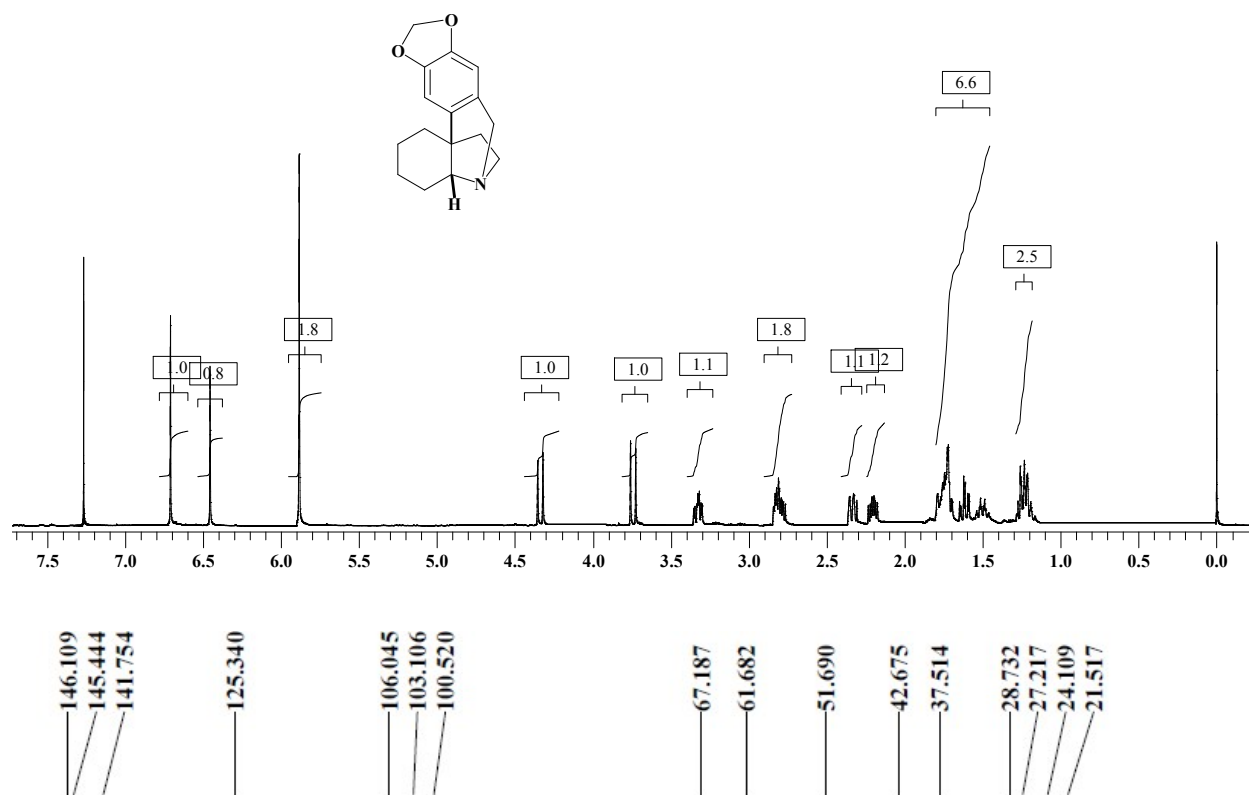
^1H and ^{13}C spectrum of Compound 5



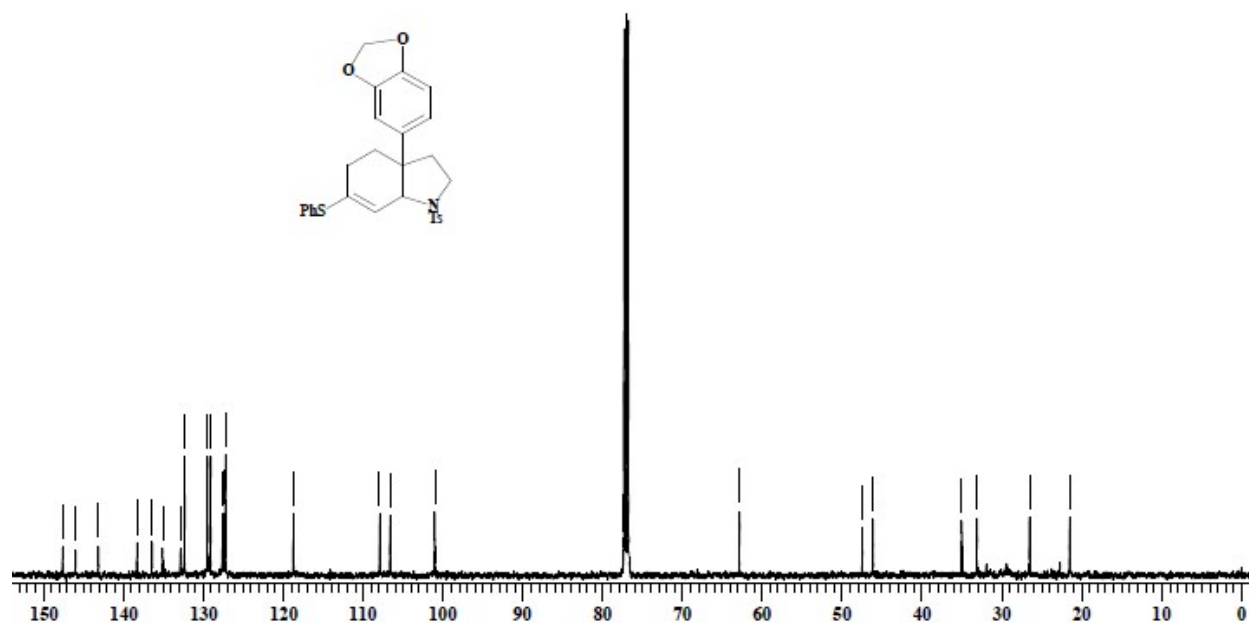
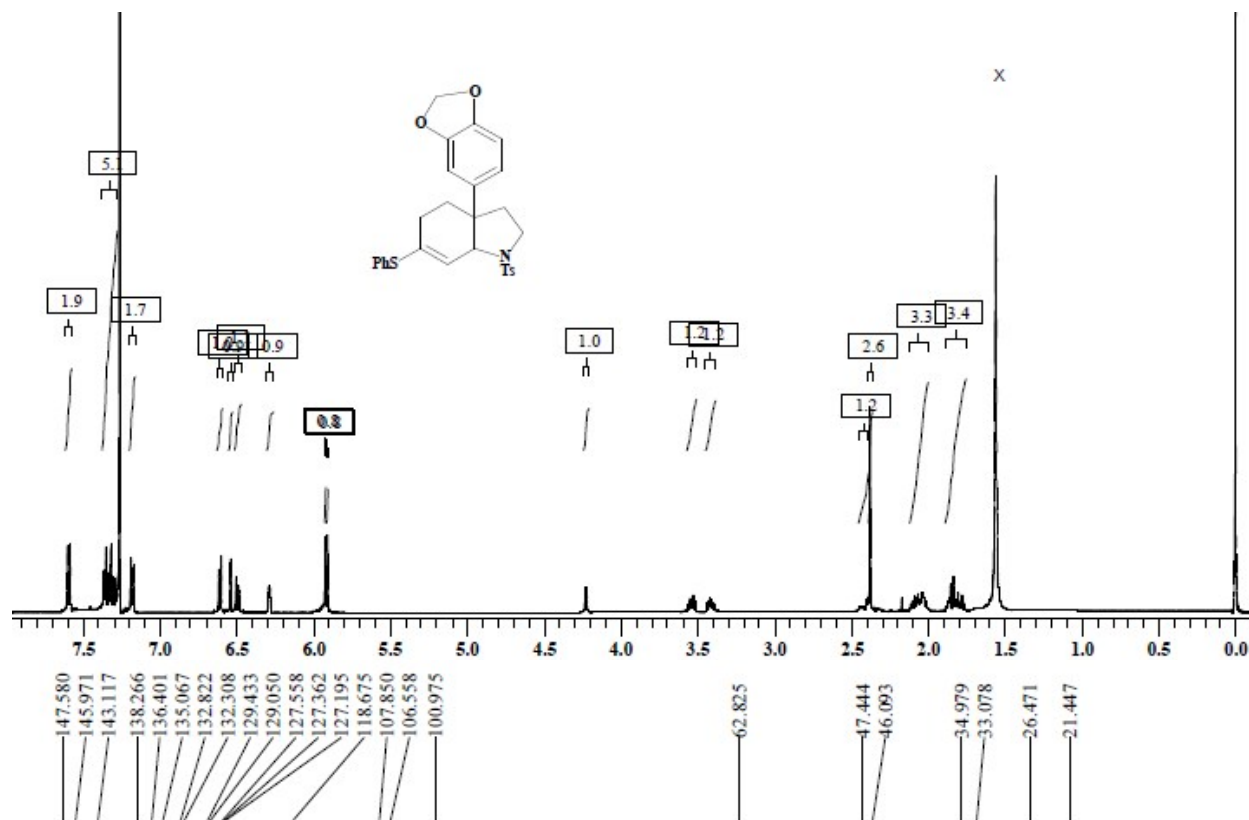
^1H and ^{13}C spectrum of Compound 26



^1H and ^{13}C spectrum of Compound 1



^1H and ^{13}C spectrum of Compound 23



^1H and ^{13}C spectrum of Compound 10

