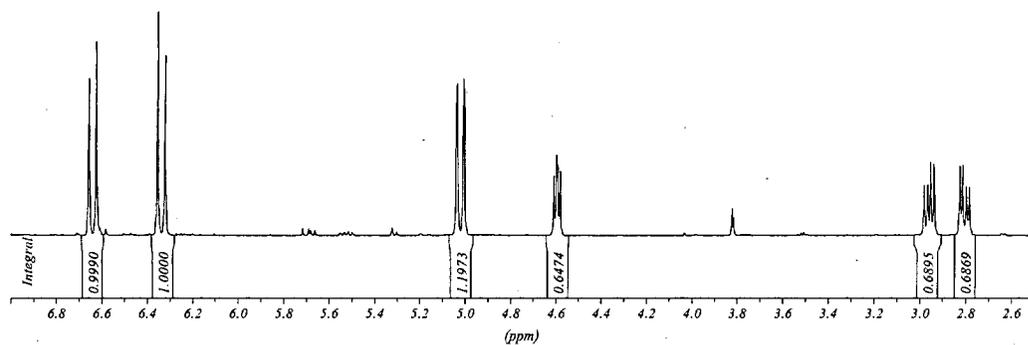
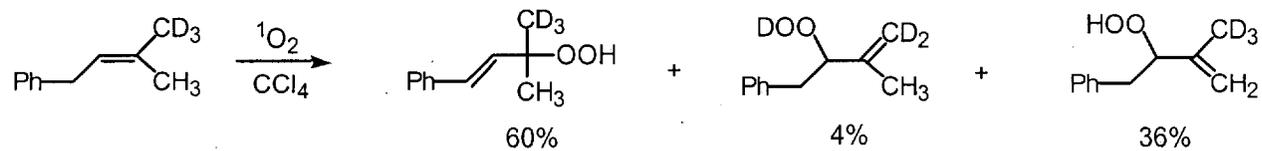
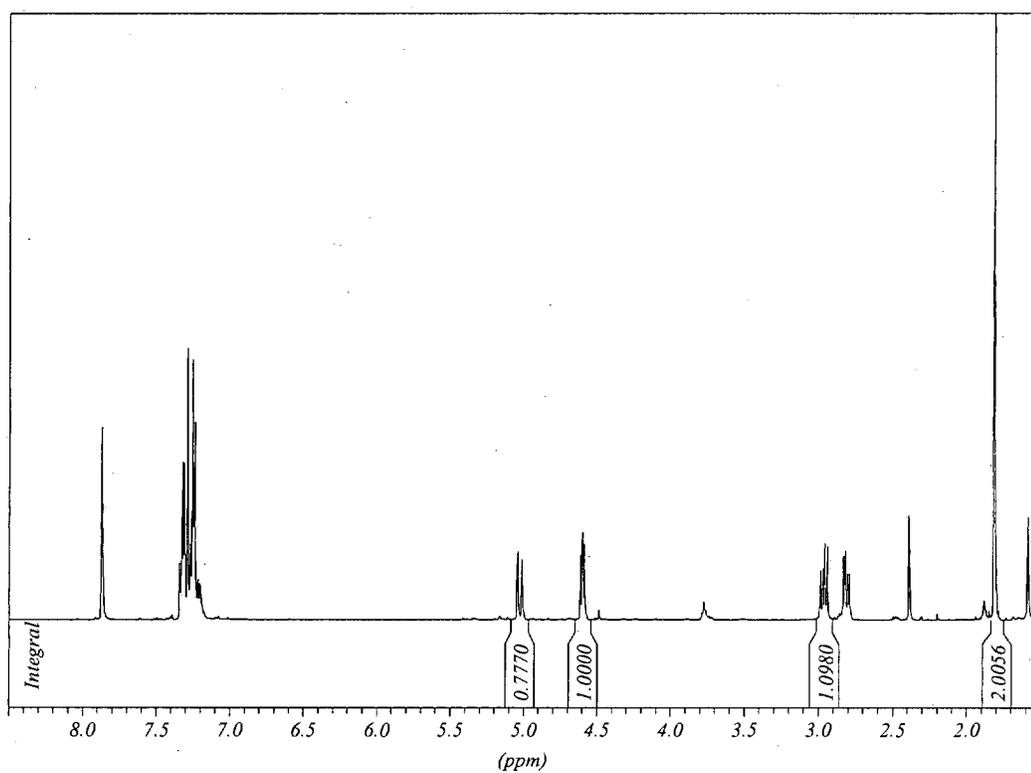
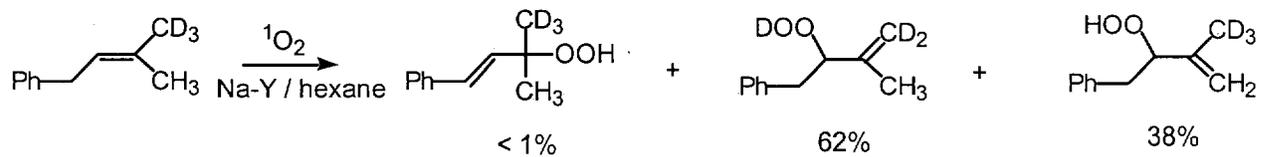
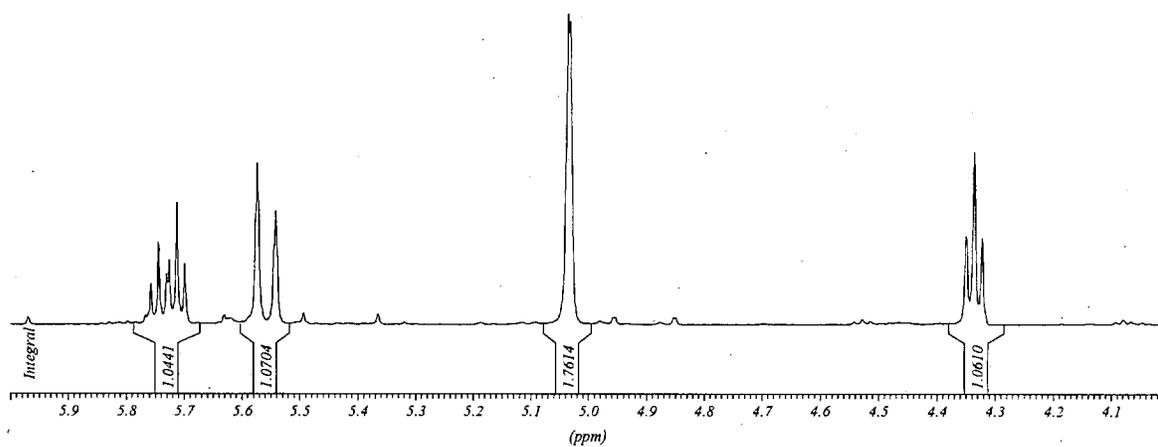
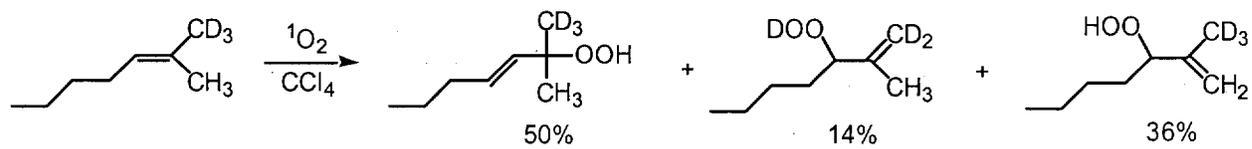


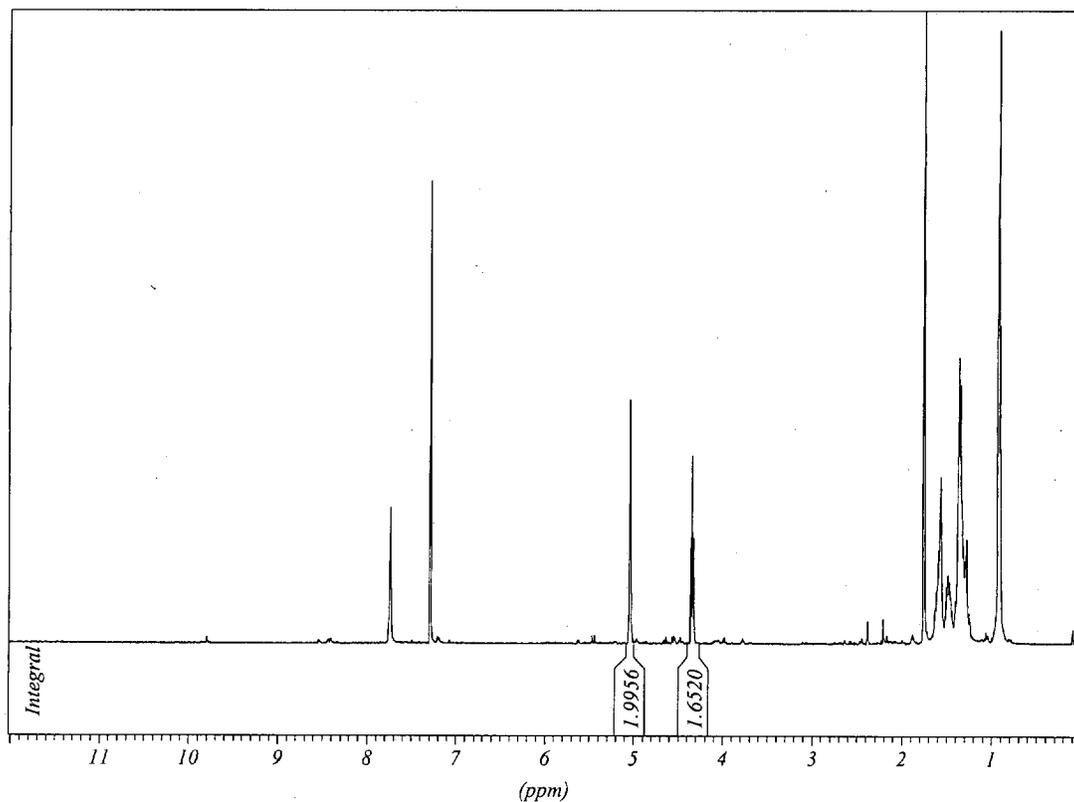
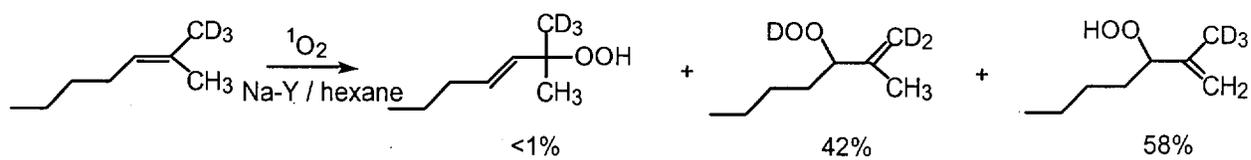
### Supplementary Material

Four  $^1\text{H}$  NMR spectra of the photooxygenation reactions and two figures showing the  $\text{Li}^+$  interaction to **3**.









Figures S1-S2. Interaction of  $\text{Li}^+$  to alkene 3 at two different projections

