Supporting Information

Title : Synthesis of Aliphatic Ketone from Allylic Alcohol through Consecutive Isomerization and Chelation-Assisted Hydroacylation by Rhodium Catalyst

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$^{13}$C NMR spectrum of 1-cyclohexylhexan-3-one (6d).
$^{13}$C NMR spectrum of 2-methyl-1-phenylnon-1-en-3-one (12b).