

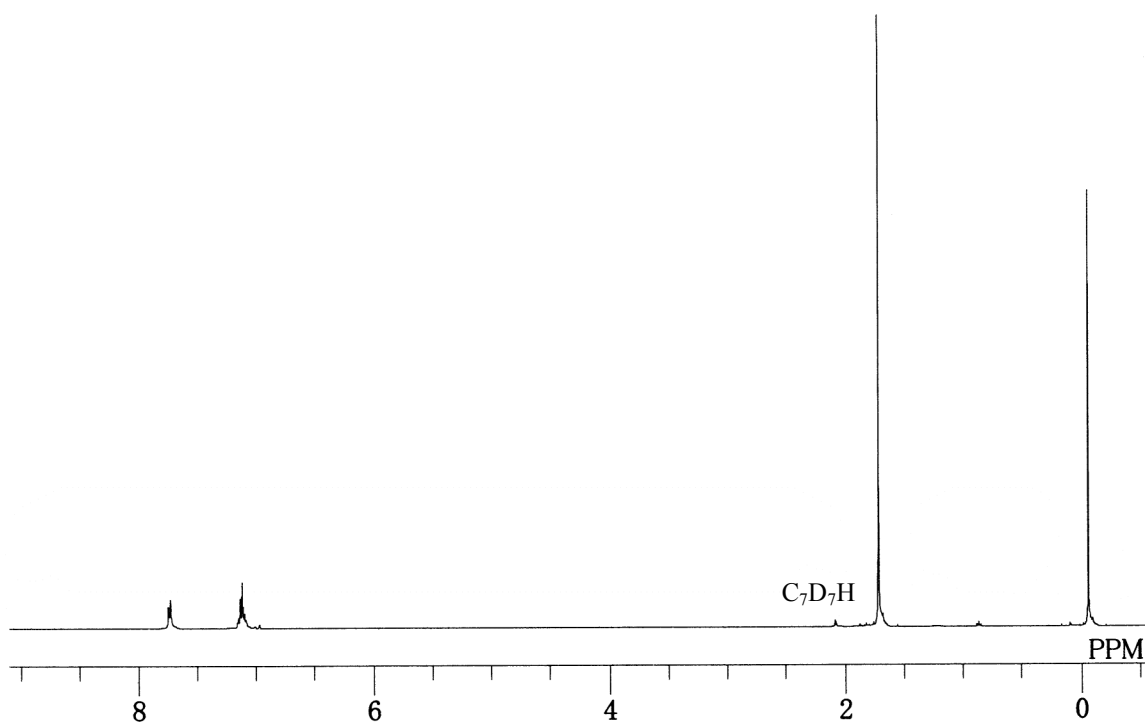
## Supporting Information

### Conversion of an Acetylide-Silylene Complex to an Alkenylcarbyne Complex by Consecutive Ketone Addition and Base-Induced Silanone Elimination

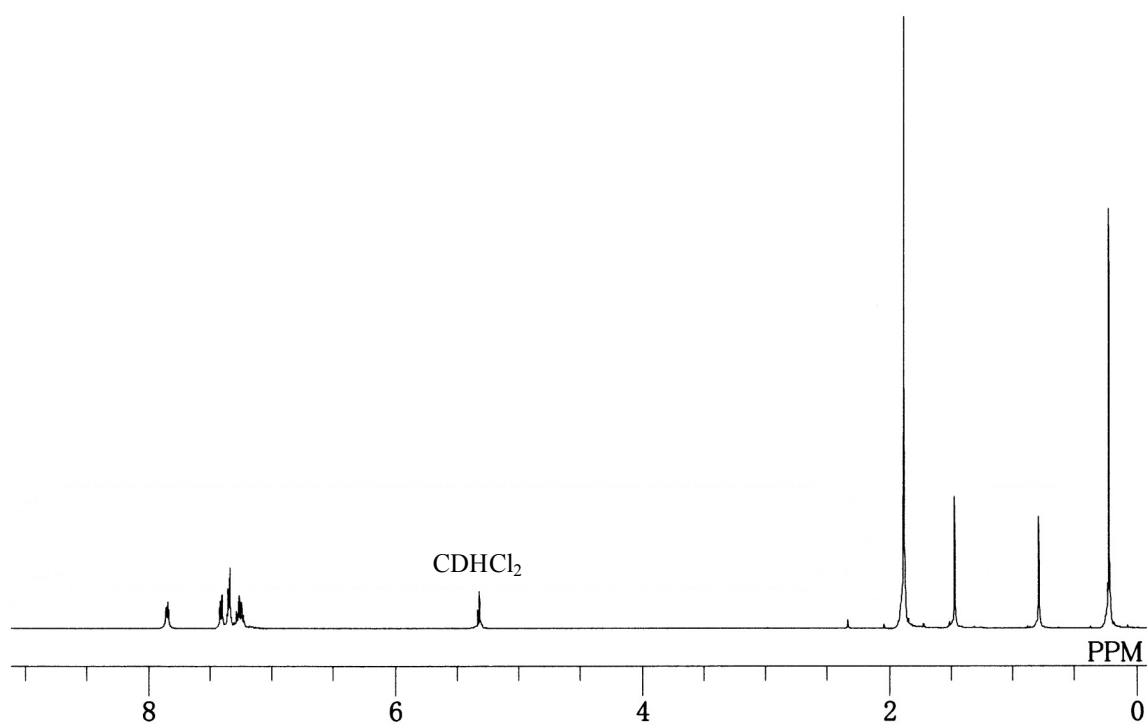
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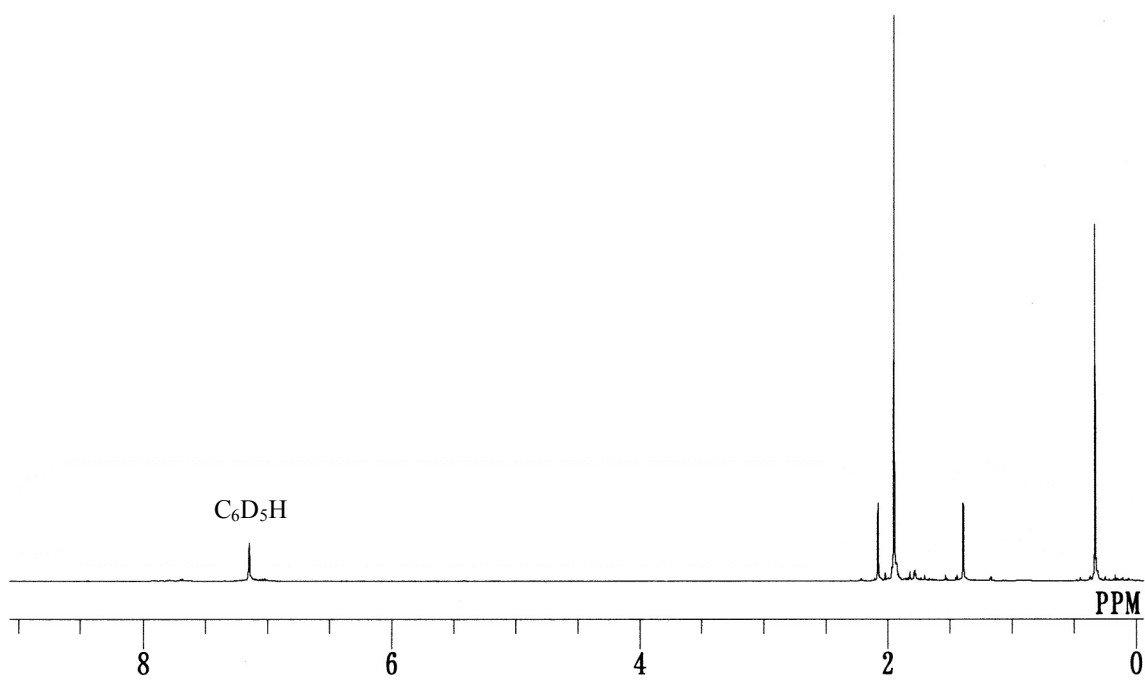
Aoba-ku, Sendai 980-8578, Japan



**Figure S1.**  $^1\text{H}$  NMR spectrum of **4** (400 MHz,  $\text{toluene-}d_8$ ).



**Figure S2.**  $^1\text{H}$  NMR spectrum of **5** (400 MHz, dichloromethane- $d_2$ ).



**Figure S3.**  $^1\text{H}$  NMR spectrum of **8** (400 MHz, benzene- $d_6$ ).