

Supplementary Material

The synthesis of α -vinyl- β -hydroxysilanes via chromium-catalyzed NHK reaction

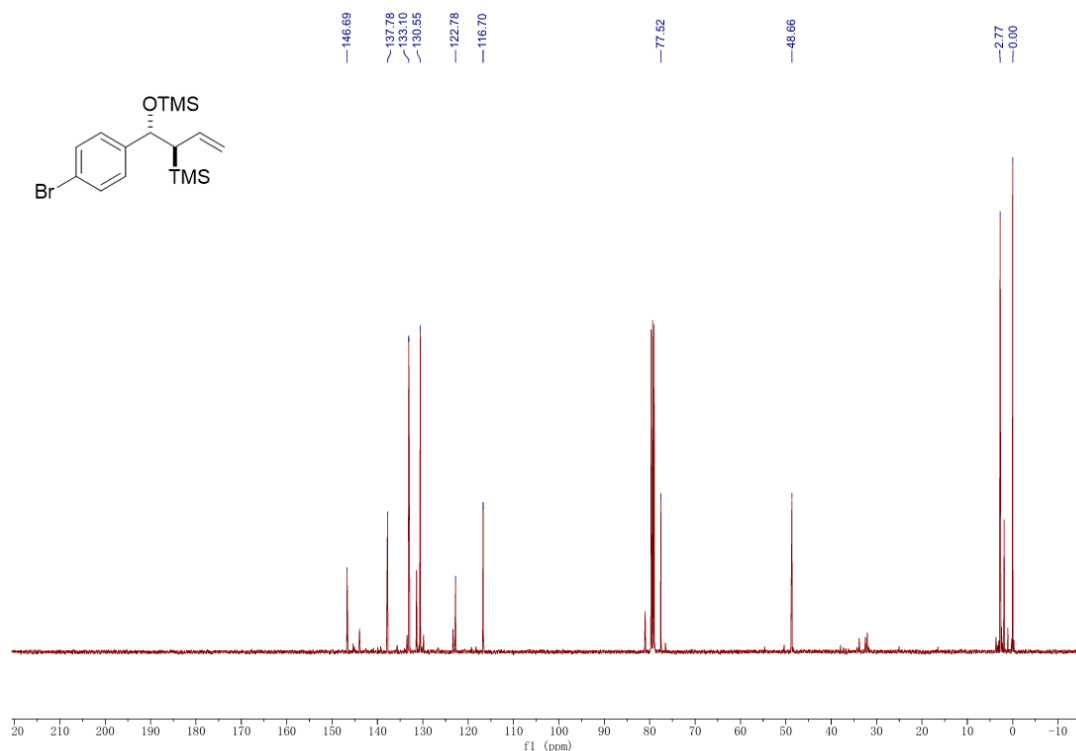
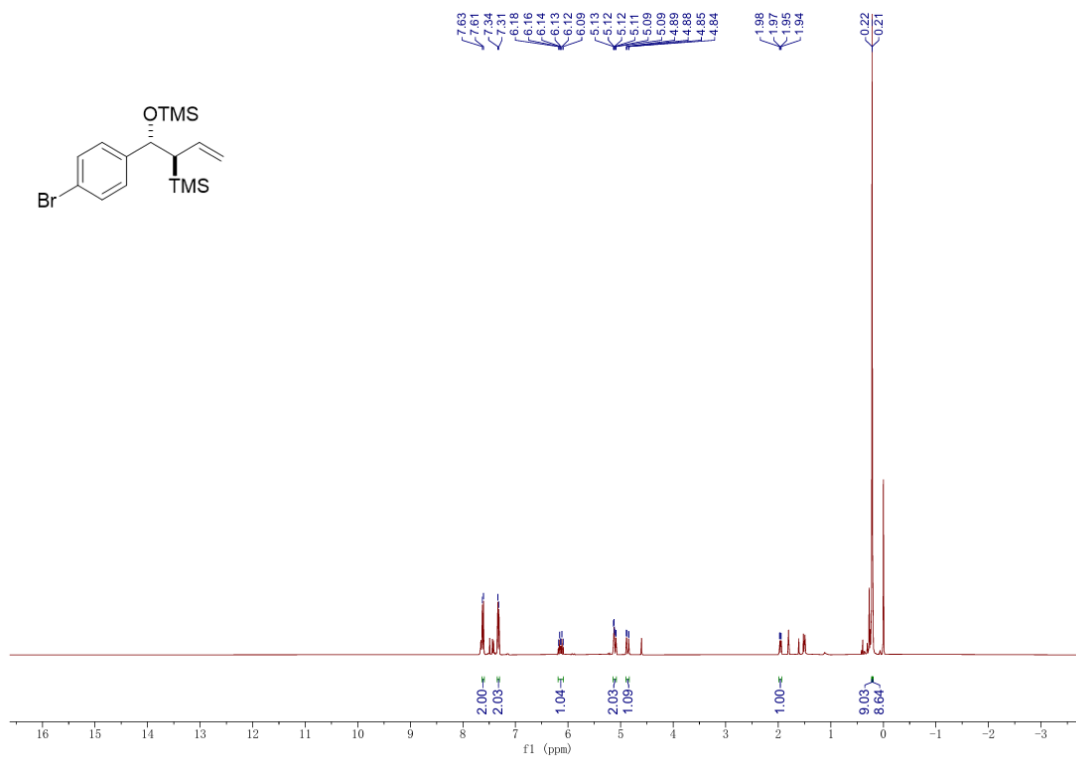
Jie Wang, Yang Luo, Xiaoqing Li,* and Xiangsheng Xu*

*College of chemical Engineering, Zhejiang University of Technology, Hangzhou
310014, P. R. China*

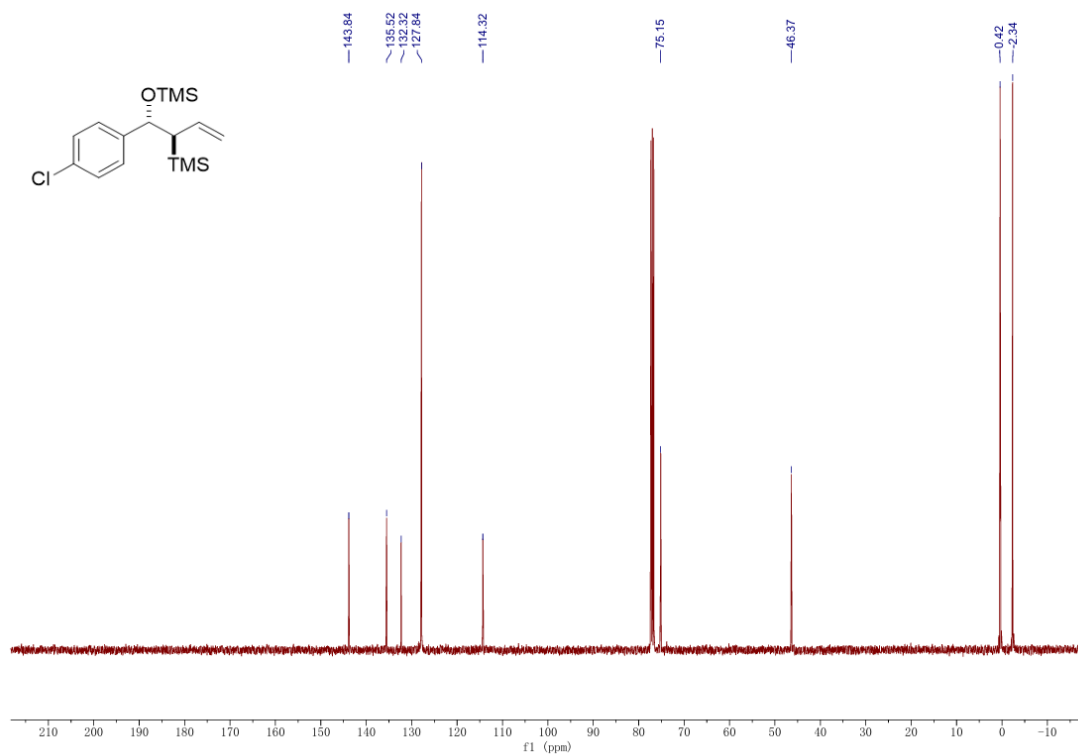
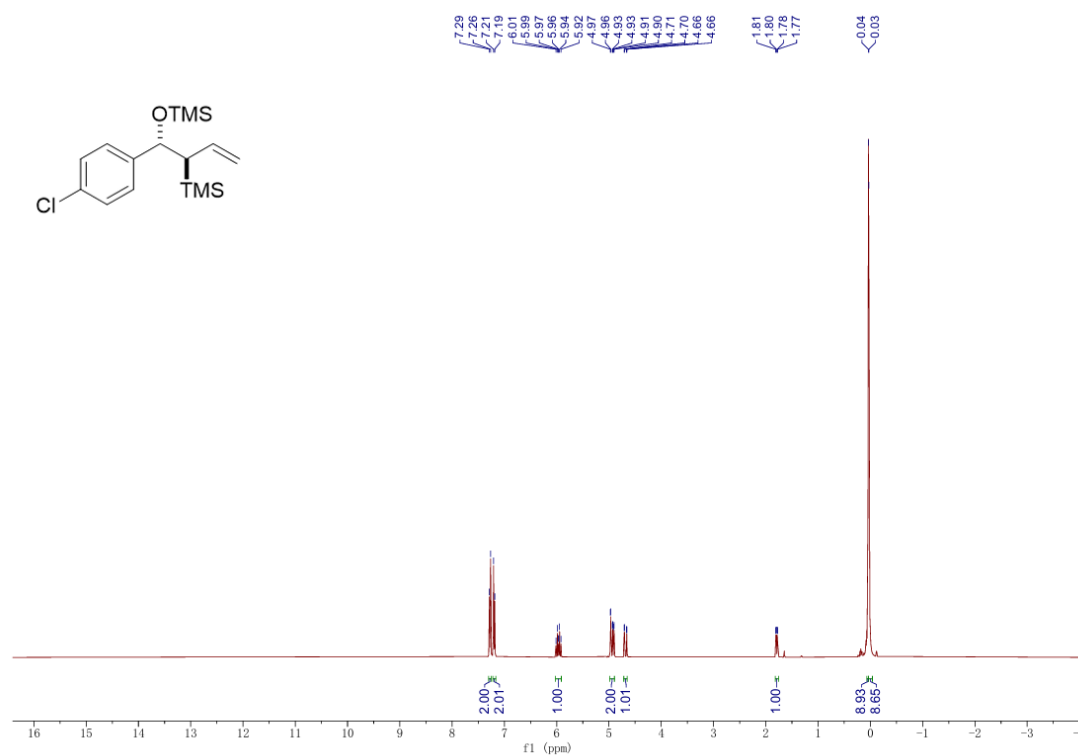
Email: xqli@zjut.edu.cn future@zjut.edu.cn

Table of Contents

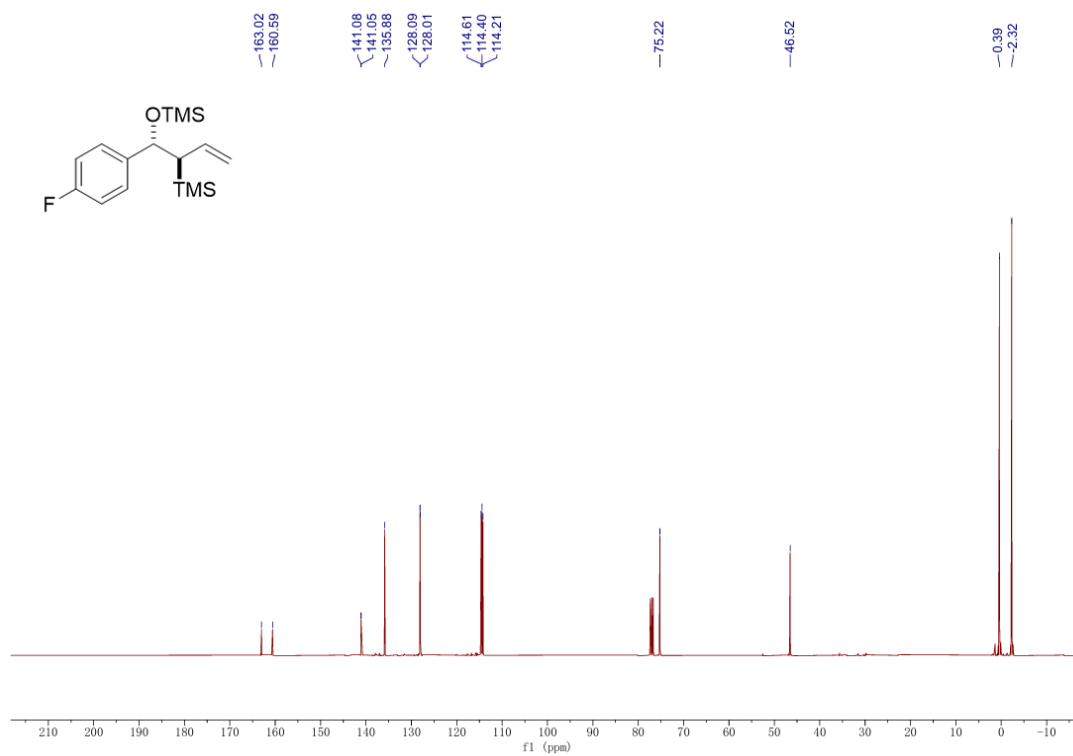
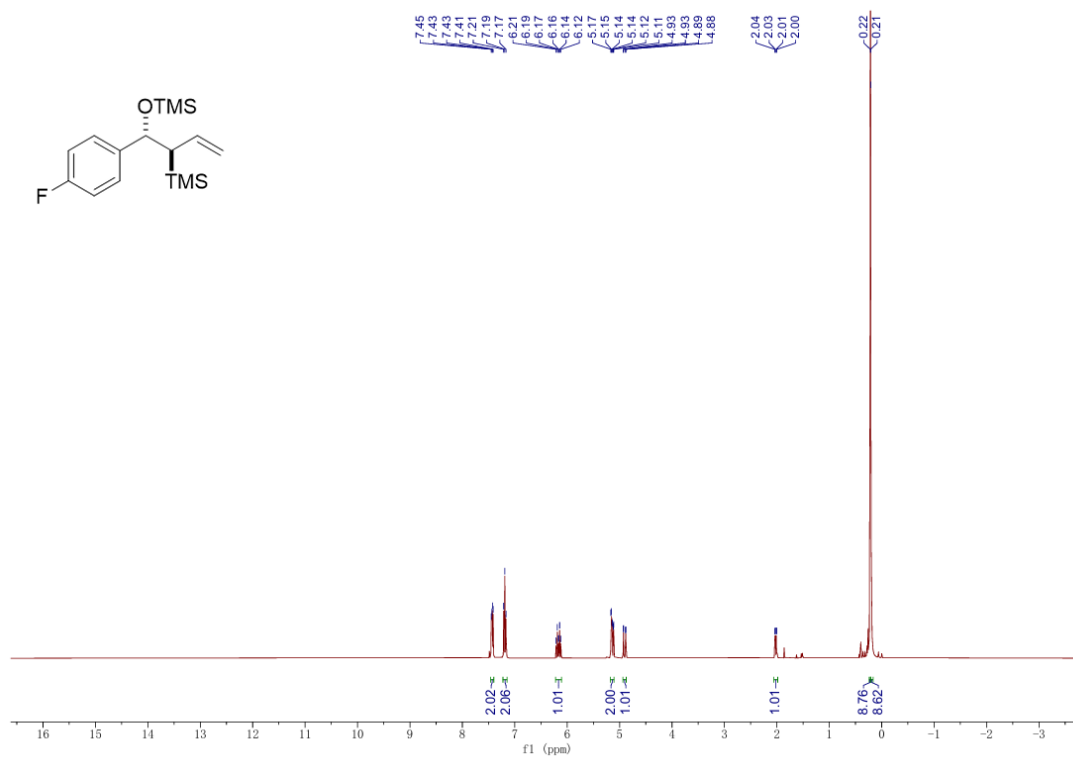
Copies of ^1H and ^{13}C NMR spectra of products	S2
--	----

1. ^1H NMR and ^{13}C NMR Spectra of the Products.**((1S,2R)-1-(4-bromophenyl)-1-((trimethylsilyl)oxy)but-3-en-2-yl)trimethylsilane (3a)**

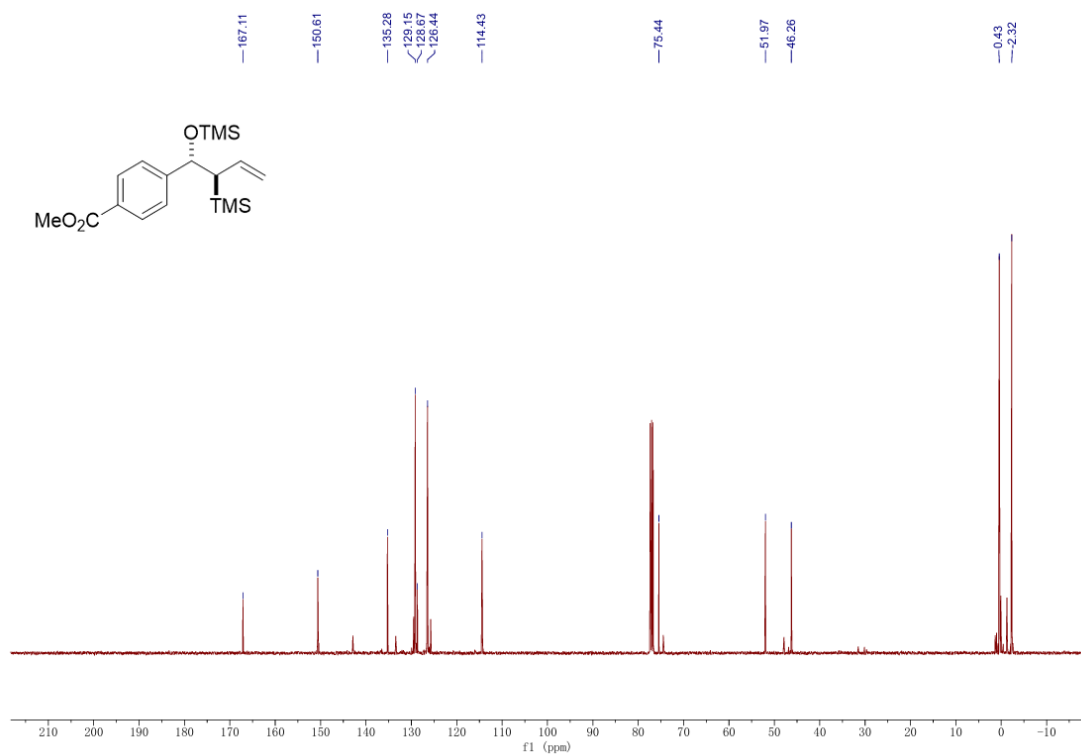
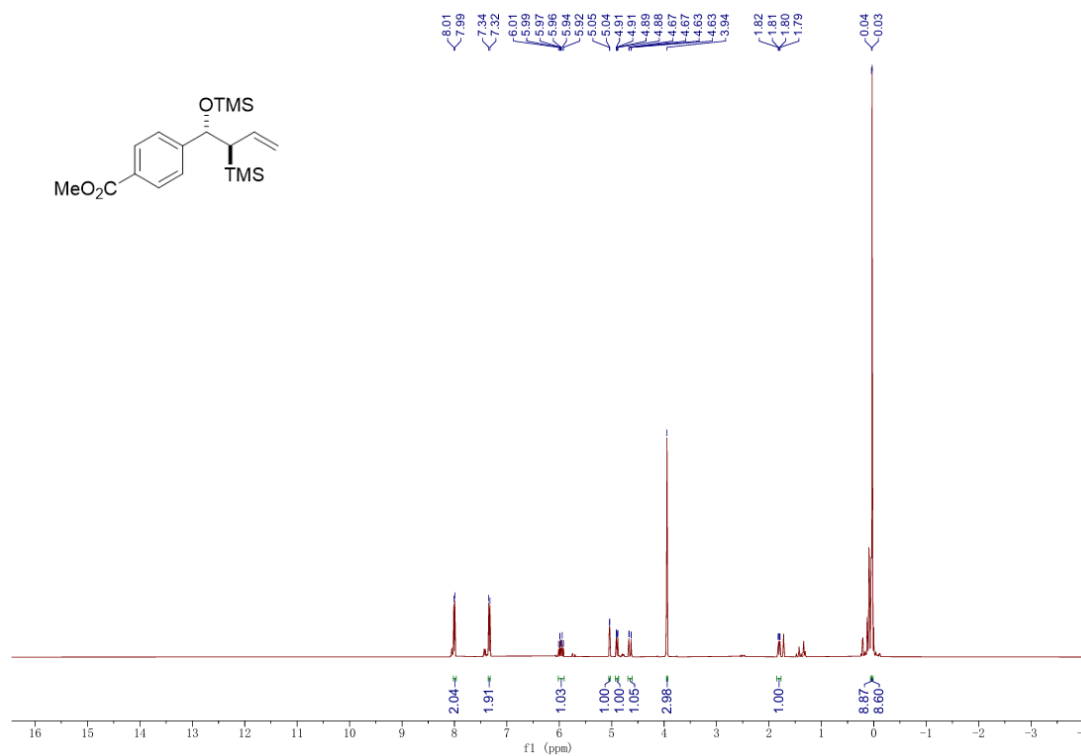
((1S,2R)-1-(4-chlorophenyl)-1-((trimethylsilyl)oxy)but-3-en-2-yl)trimethylsilane (3b)



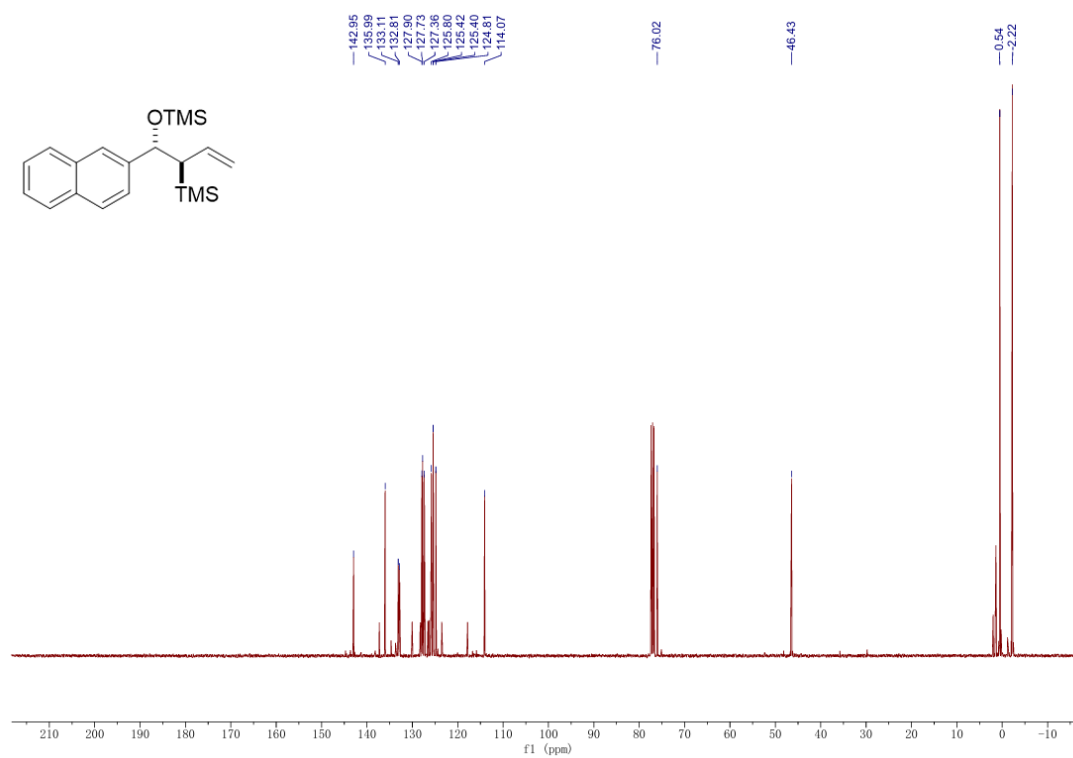
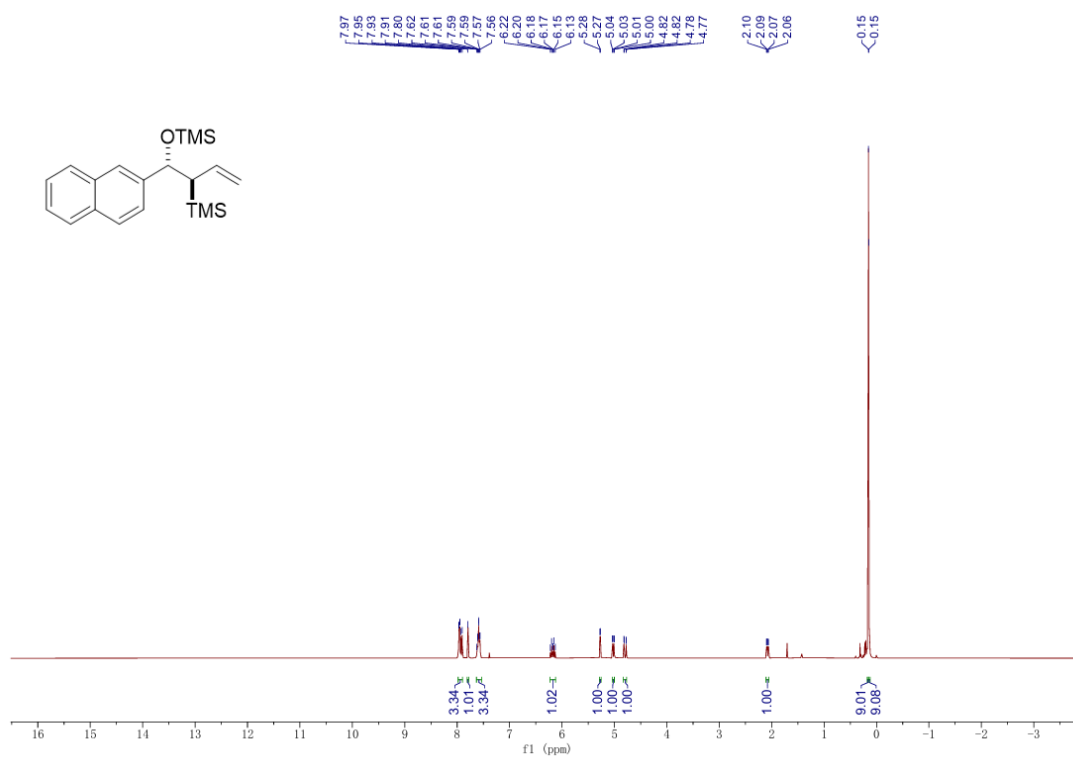
((1S,2R)-1-(4-fluorophenyl)-1-((trimethylsilyl)oxy)but-3-en-2-yl)trimethylsilane (3c)



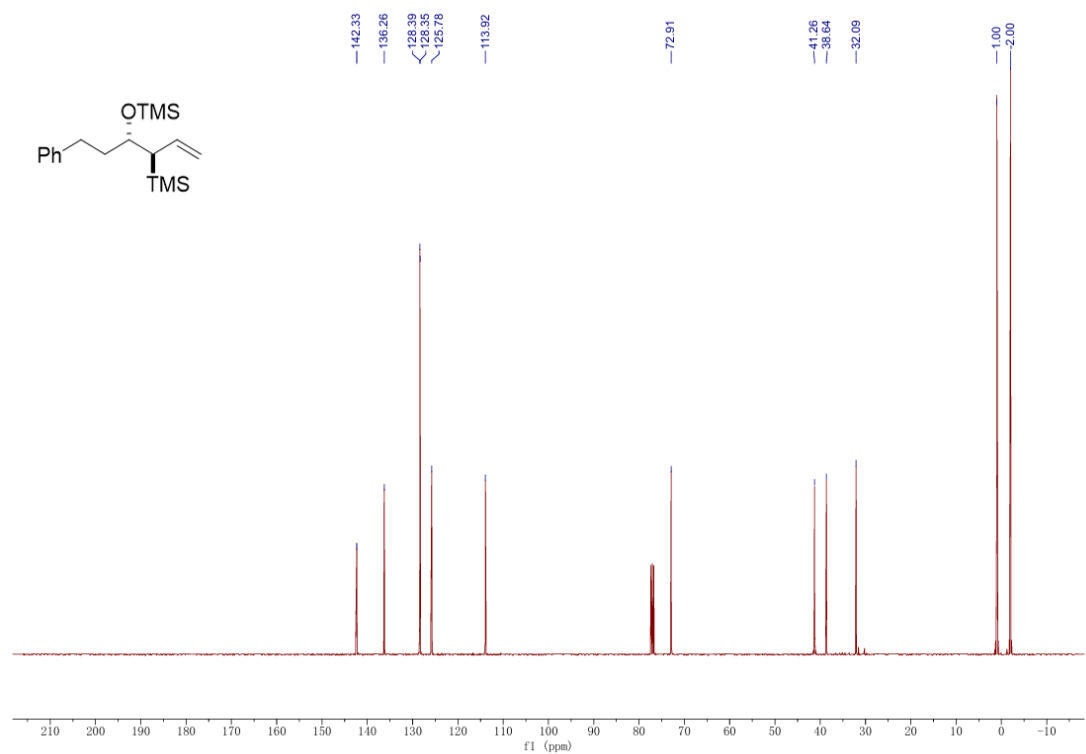
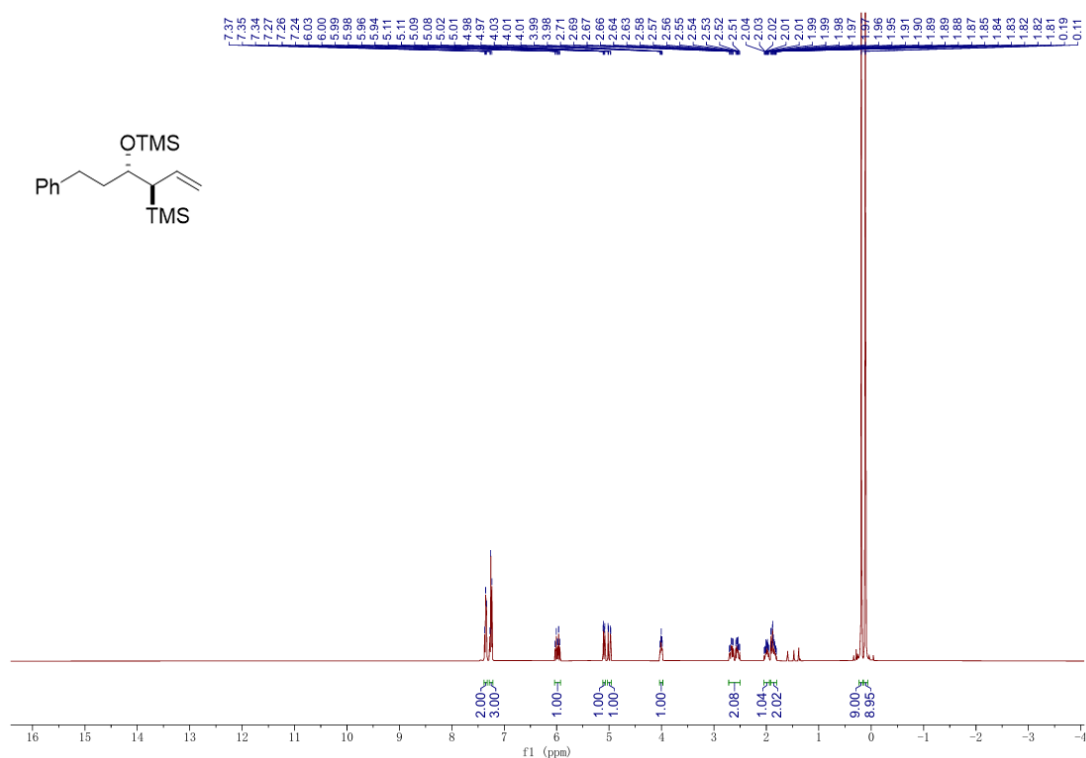
methyl 4-((1S,2R)-2-(trimethylsilyl)-1-((trimethylsilyl)oxy)but-3-en-1-yl)benzoate (3d)



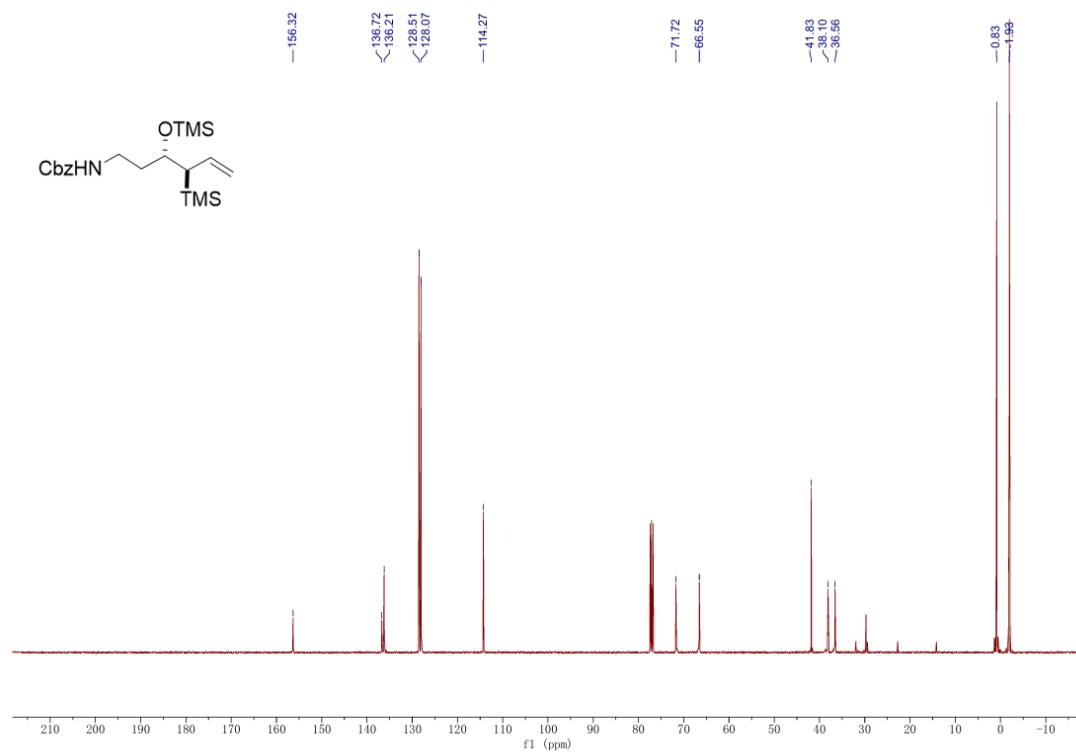
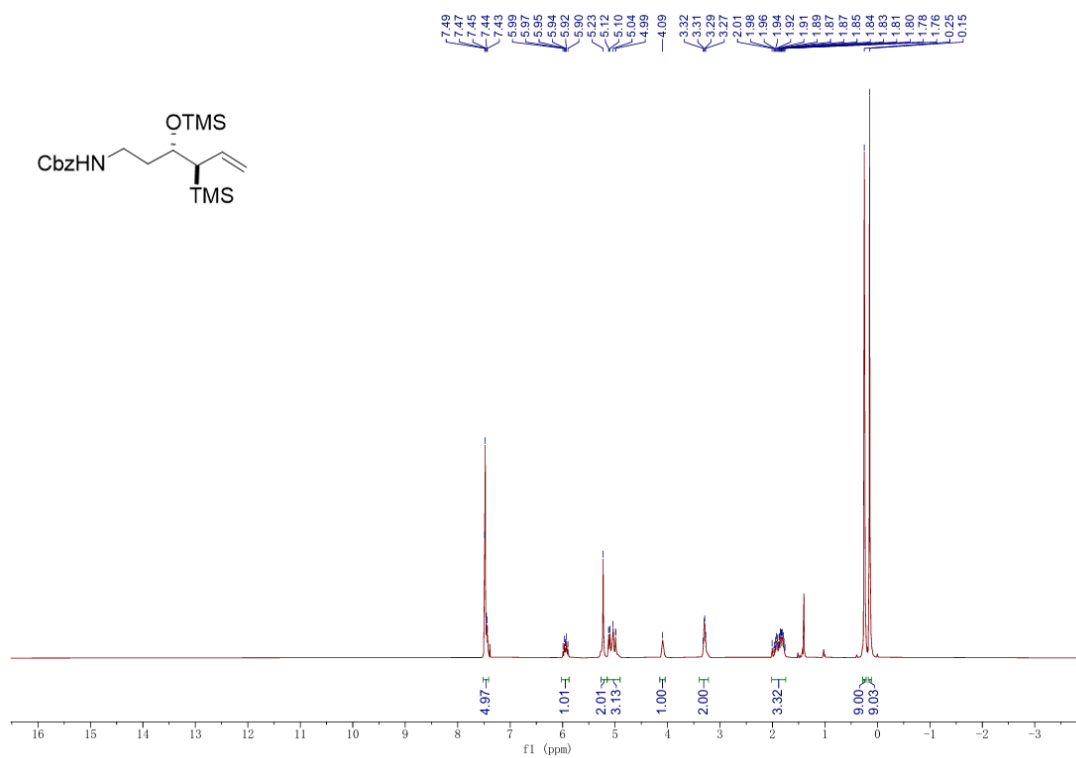
trimethyl((1S,2R)-1-(naphthalen-2-yl)-1-((trimethylsilyl)oxy)but-3-en-2-yl)silane (3e)



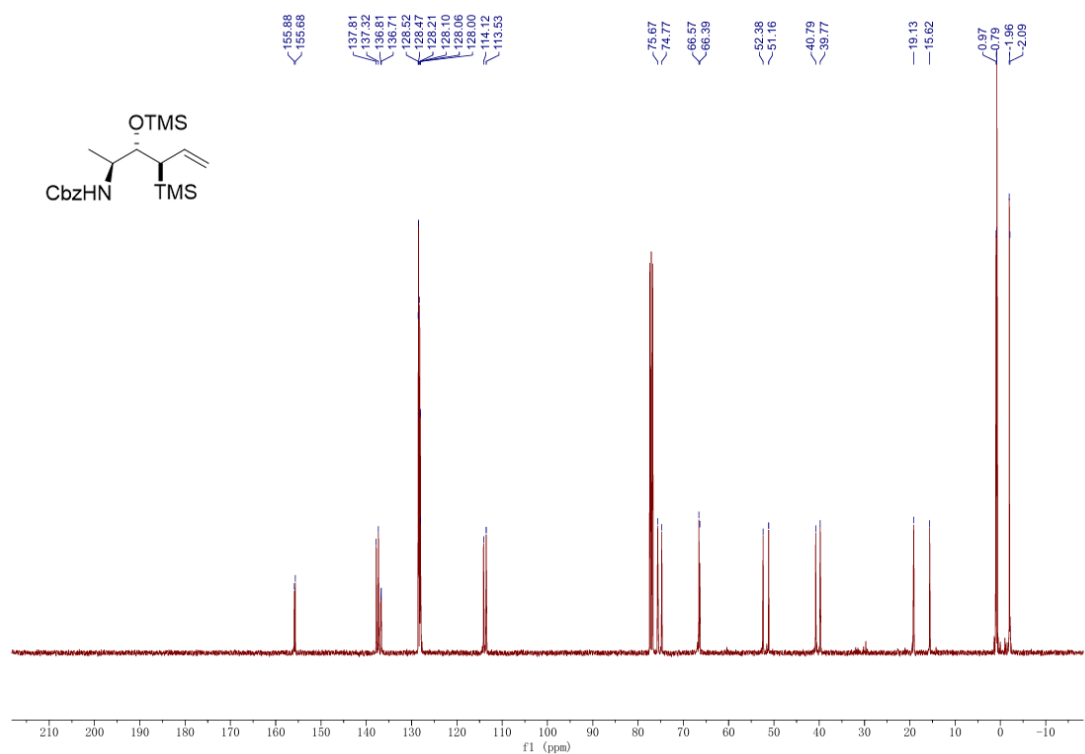
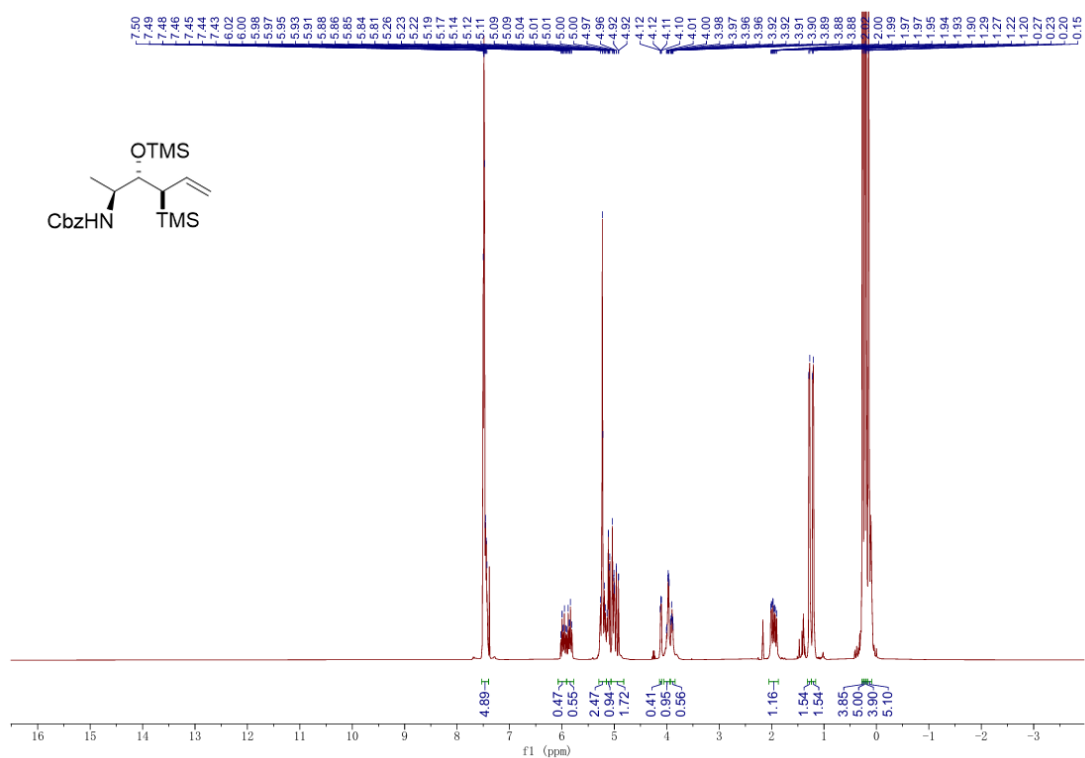
trimethyl((3R,4S)-6-phenyl-4-((trimethylsilyl)oxy)hex-1-en-3-yl)silane (3f)



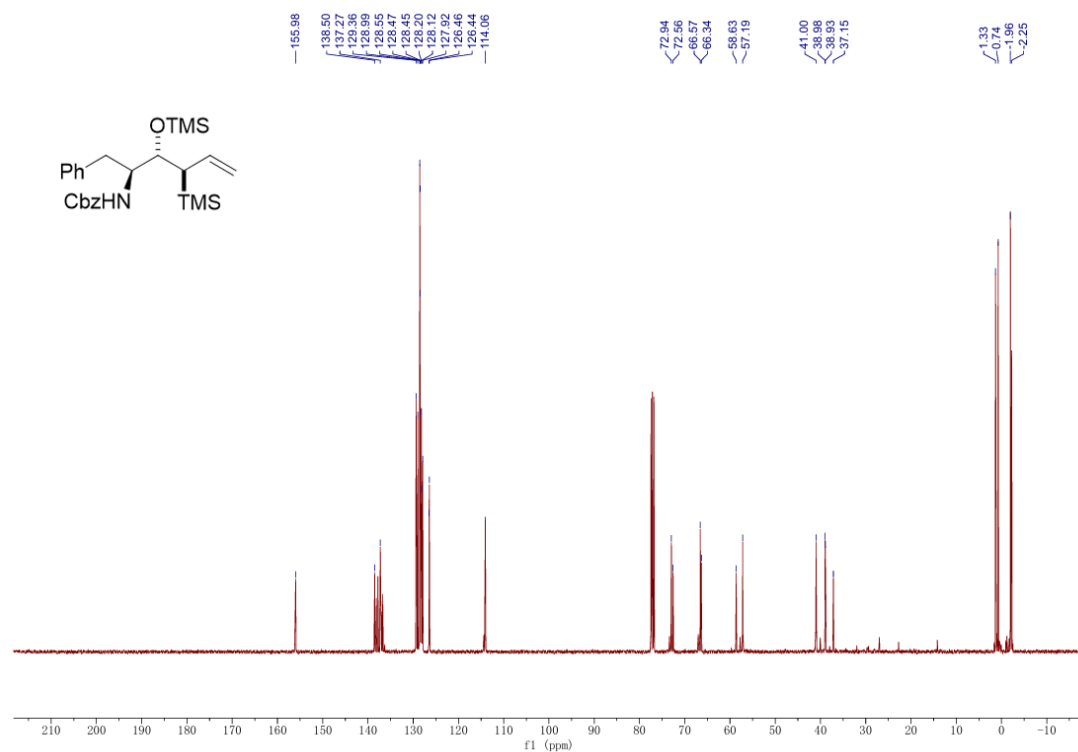
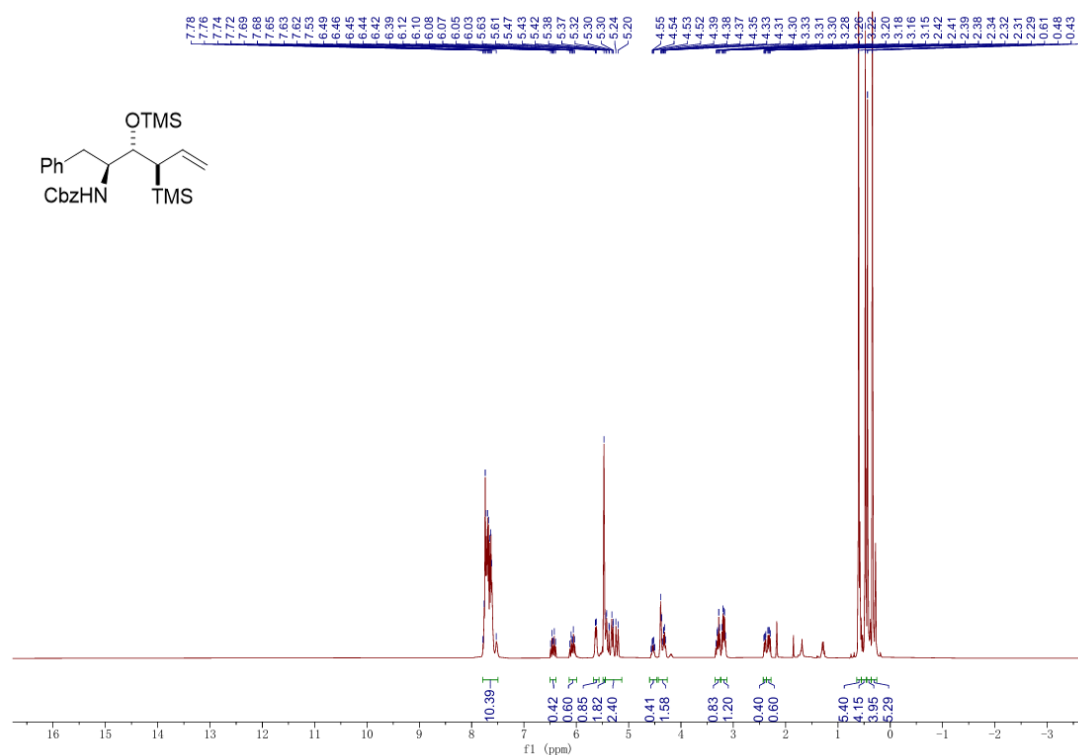
benzyl ((3S,4R)-4-(trimethylsilyl)-3-((trimethylsilyl)oxy)hex-5-en-1-yl)carbamate (3g)



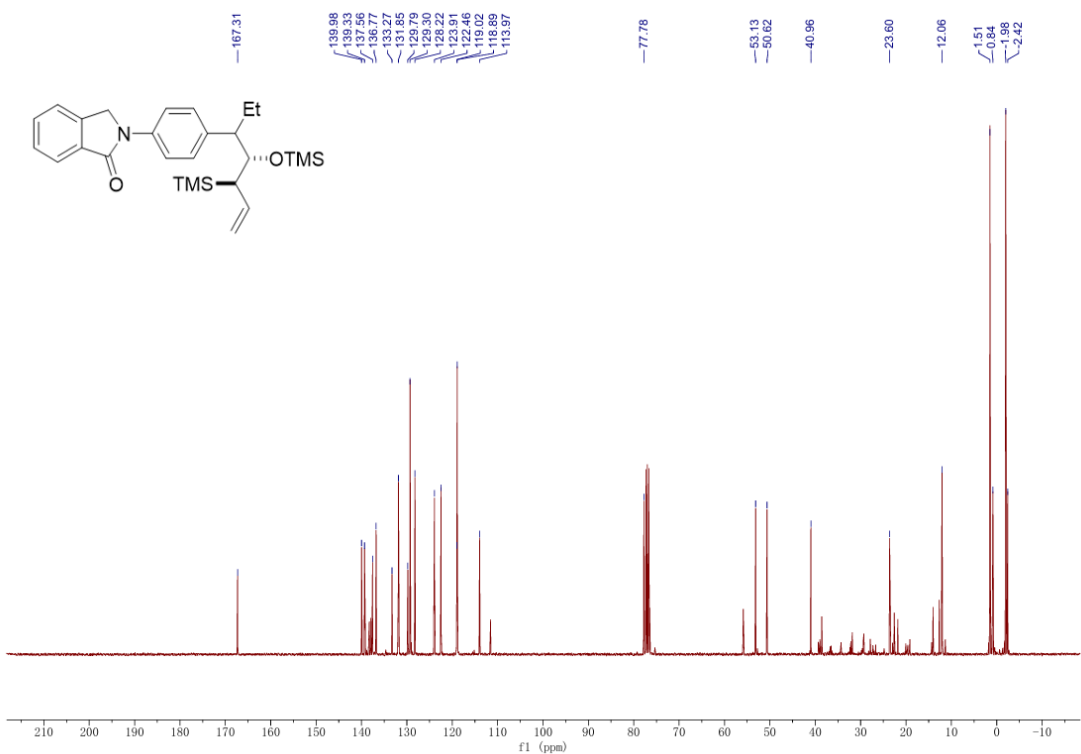
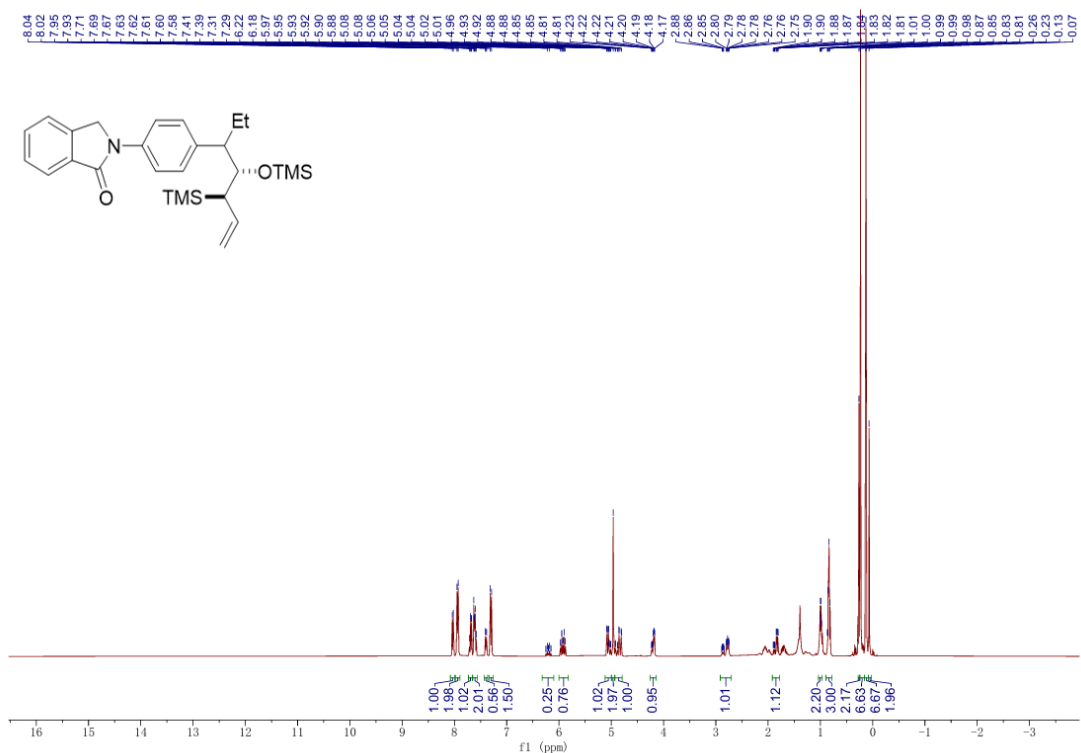
benzyl ((2S,3S,4R)-4-(trimethylsilyl)-3-((trimethylsilyl)oxy)hex-5-en-2-yl)carbamate (3h)

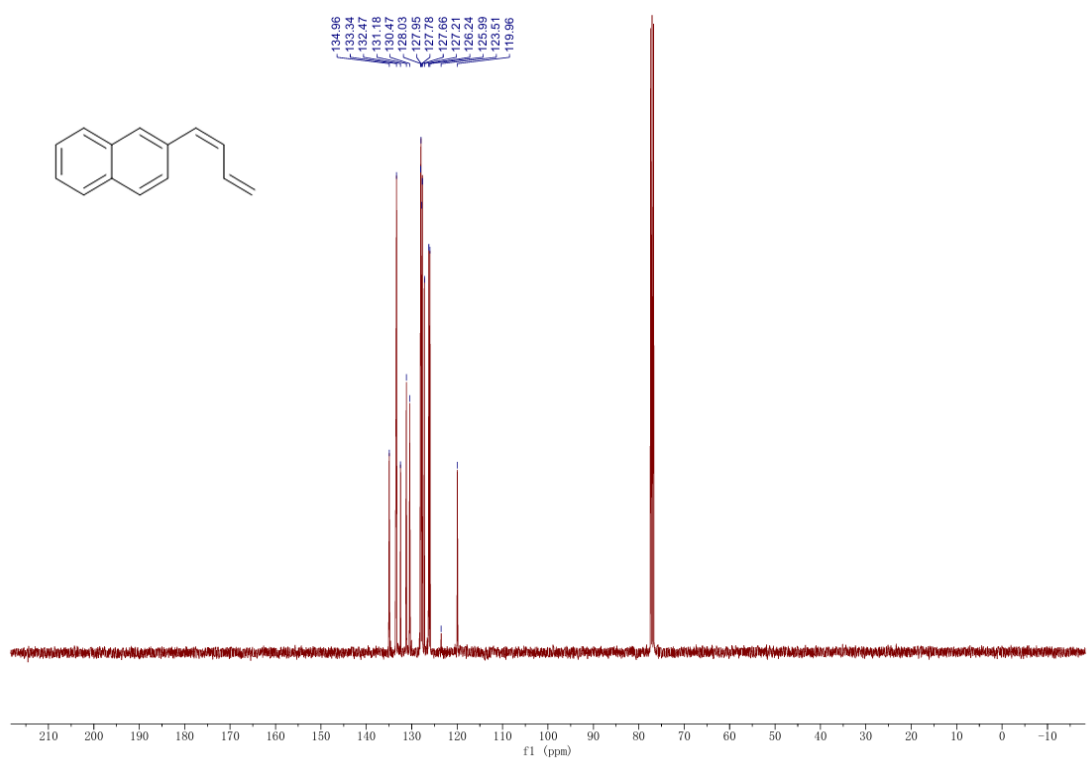
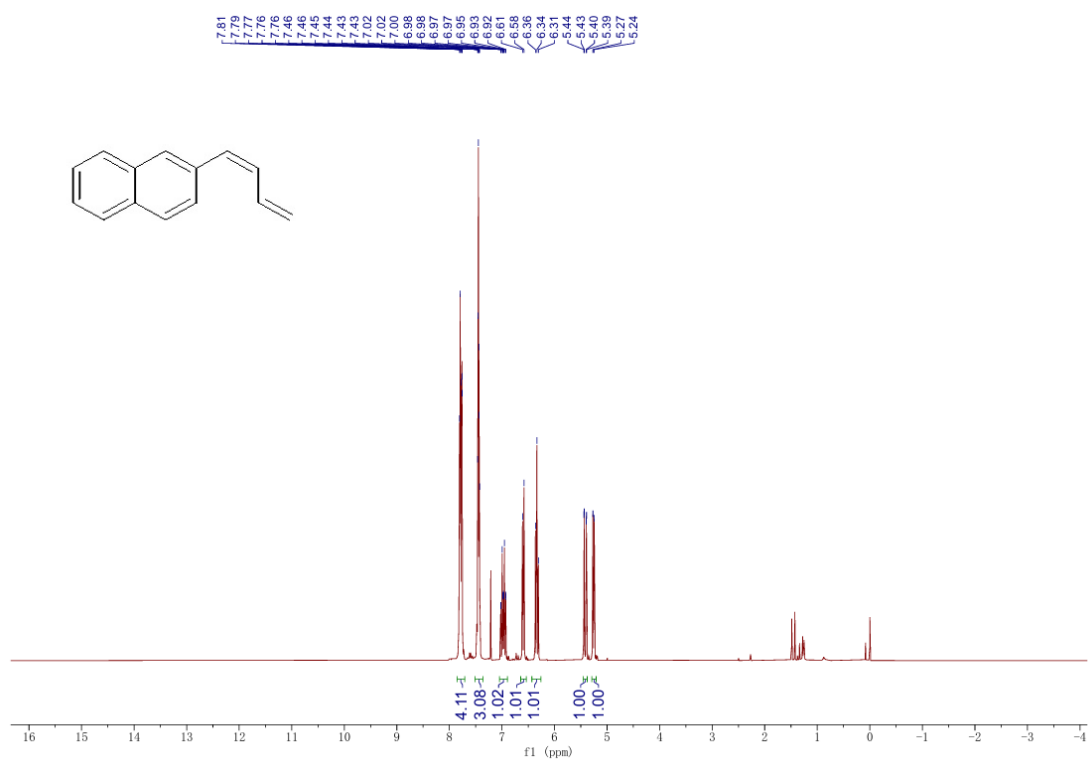


benzyl ((2S,3S,4R)-1-phenyl-4-(trimethylsilyl)-3-((trimethylsilyloxy)hex-5-en-2-yl)carbamate (3i)



2-(4-((4S,5R)-5-(trimethylsilyl)-4-((trimethylsilyl)oxy)hept-6-en-3-yl)phenyl)isoindolin-1-one (3j)



(Z)-2-(buta-1,3-dien-1-yl)naphthalene (4)

benzyl (S,Z)-(1-phenylhexa-3,5-dien-2-yl)carbamate (5)

