Supporting Information

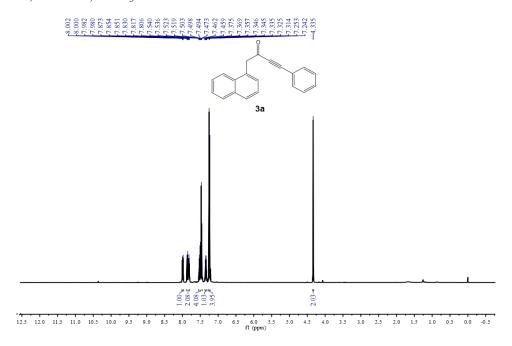
Palladium-catalyzed carbonylative coupling of (chloromethyl)arenes with terminal arylalkynes to produce 1,4-diaryl-3-butyn-2-ones

Xiujuan Feng, Jiliang Song, Hesong Liu,* Liangguang Wang, Xiaoqiang Yu and Ming Bao*

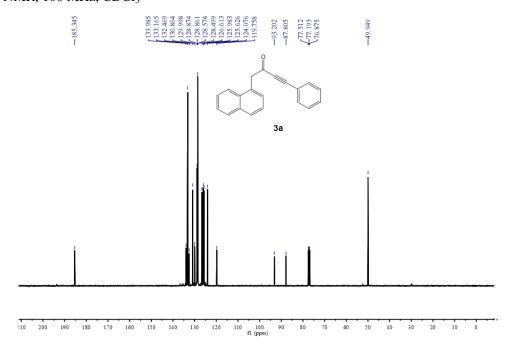
State Key Laboratory of Fine Chemicals, Dalian University of Technology, Dalian 116023, China Department of Dermatology & Venereology, The First Hospital of Jilin University, Changchun 130021, China

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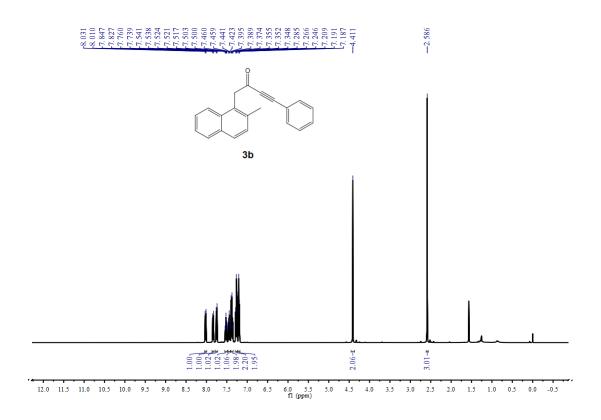
1. Copies of ¹H and ¹³C NMR Spectra of Starting Materials and Products......S-2

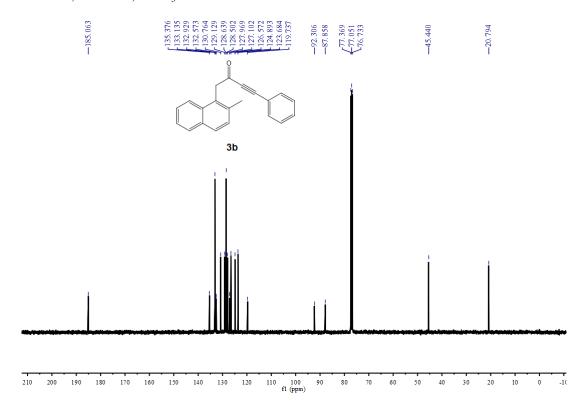


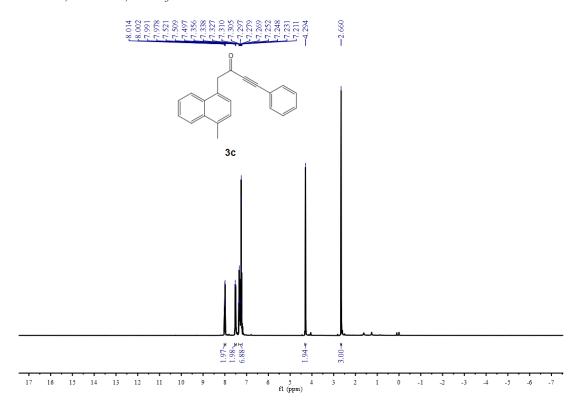
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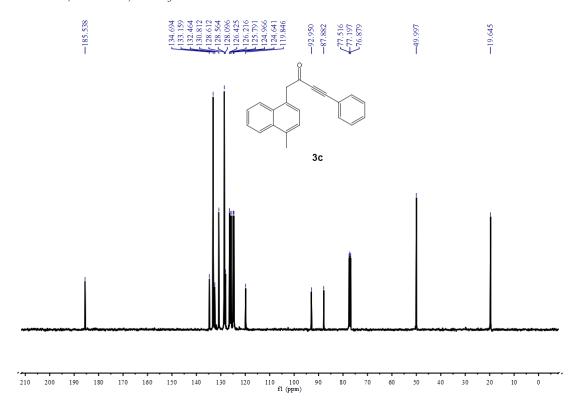


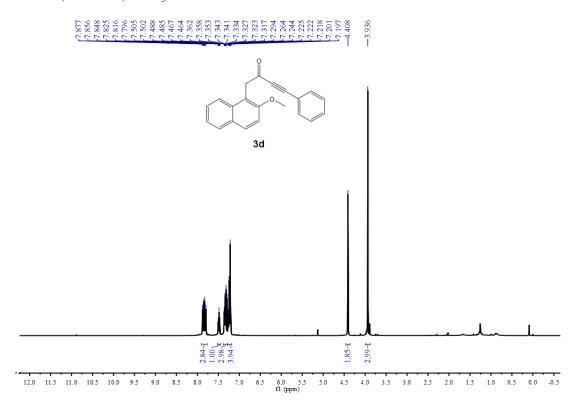
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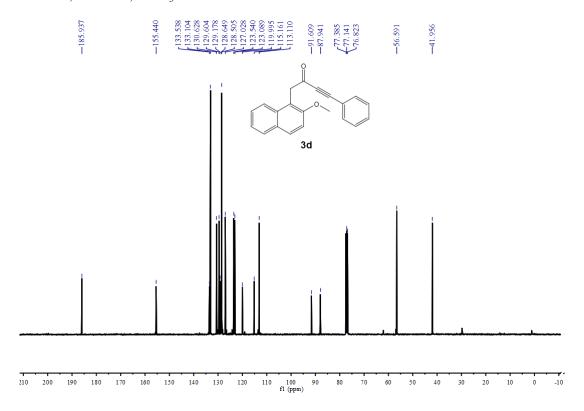


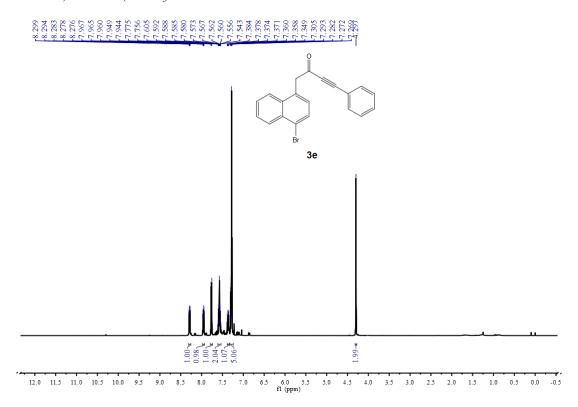


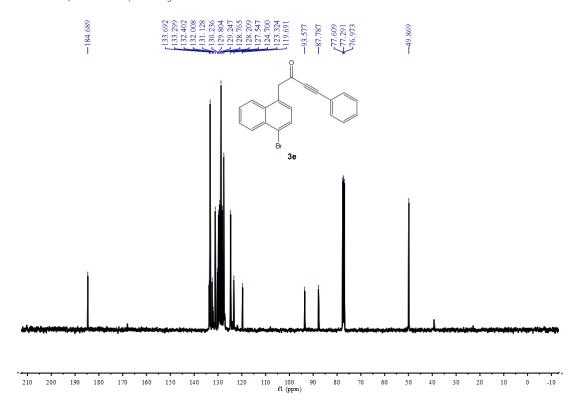


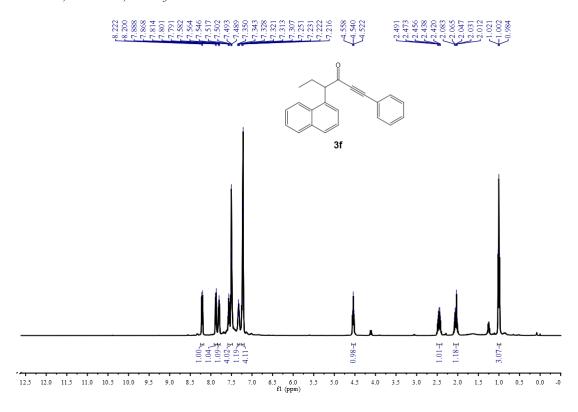


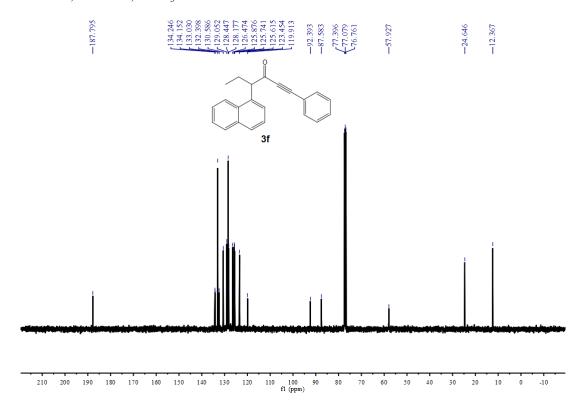


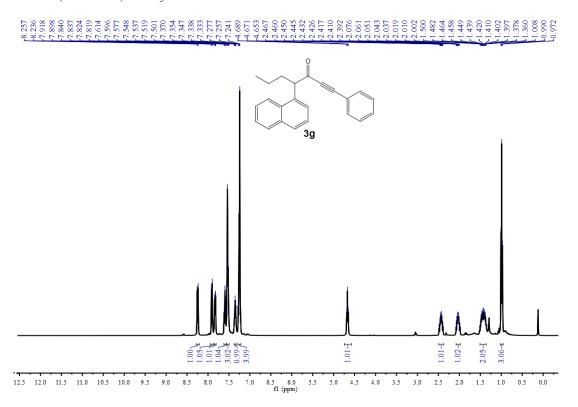


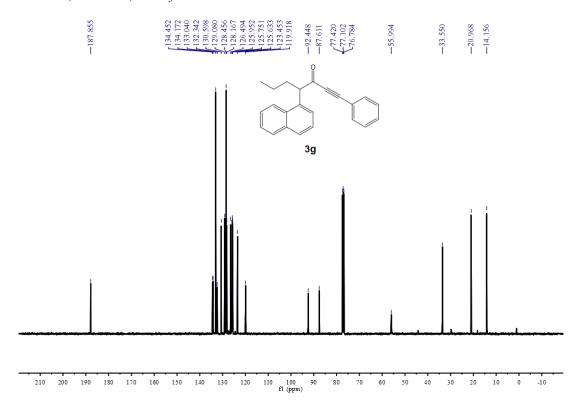


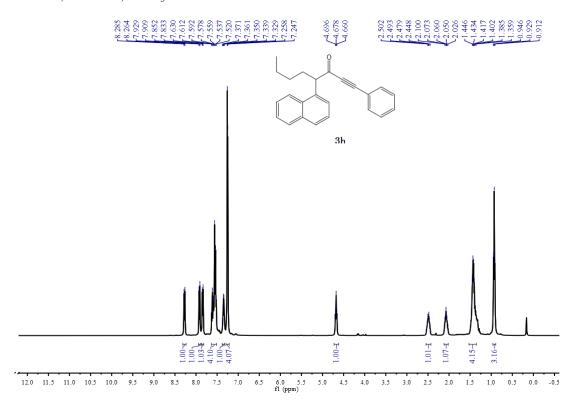


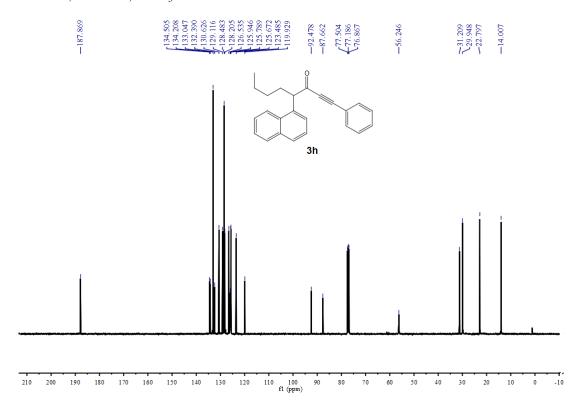


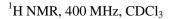


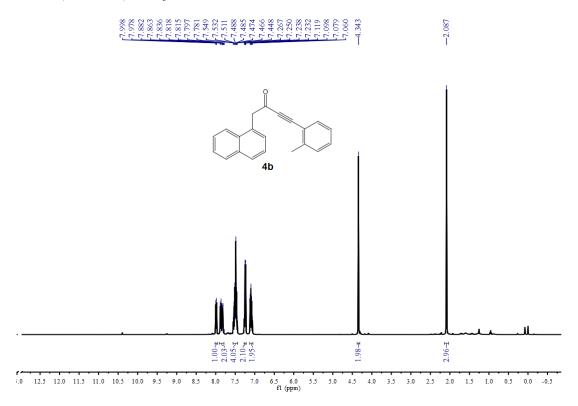


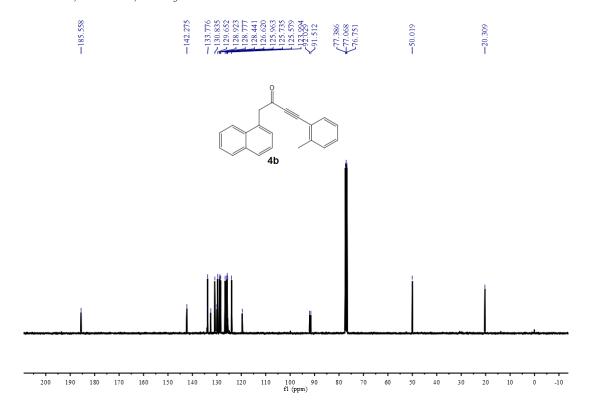


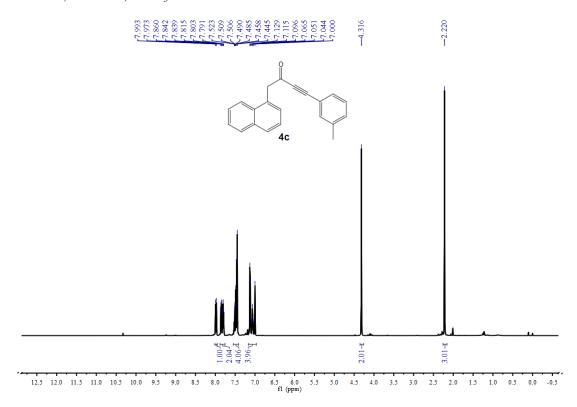


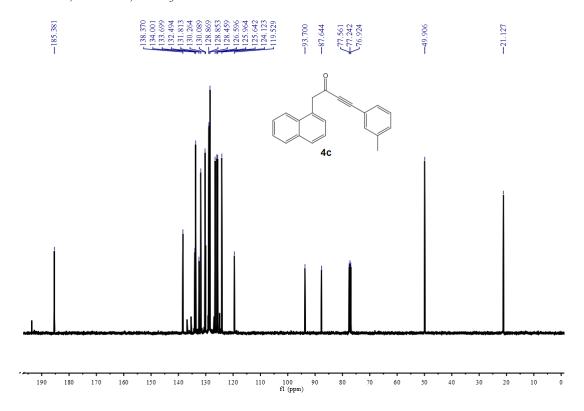


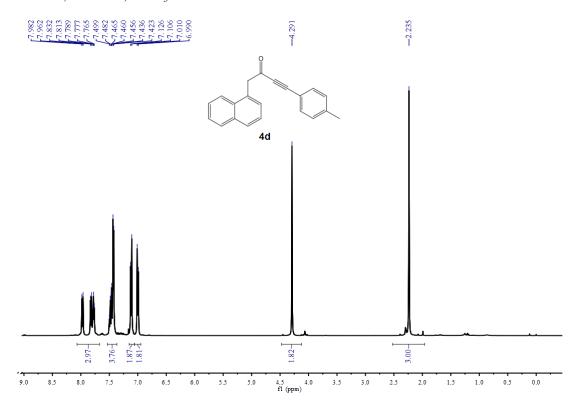


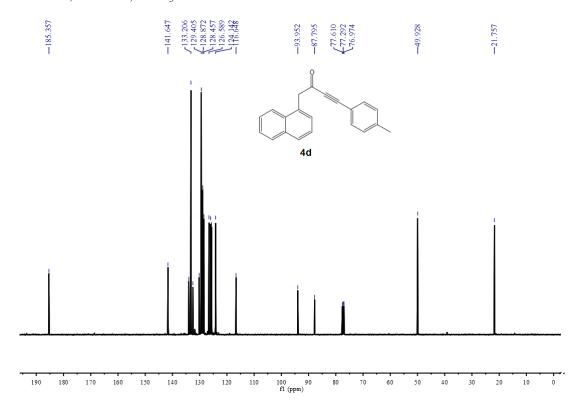


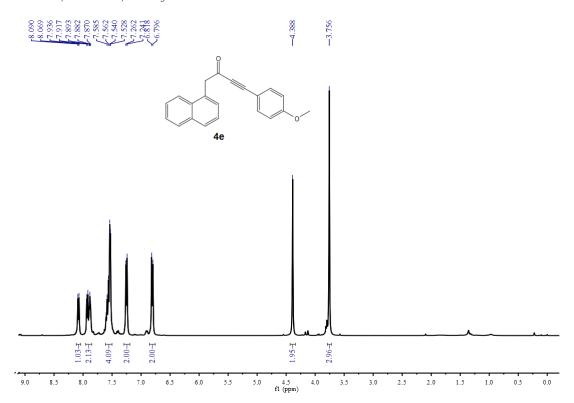


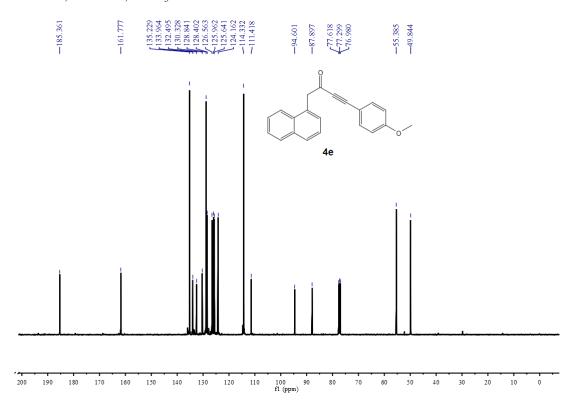


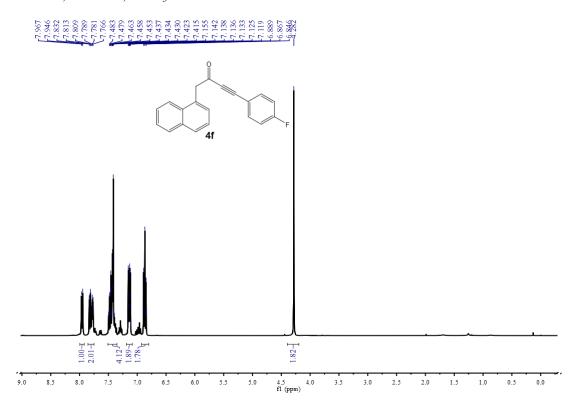




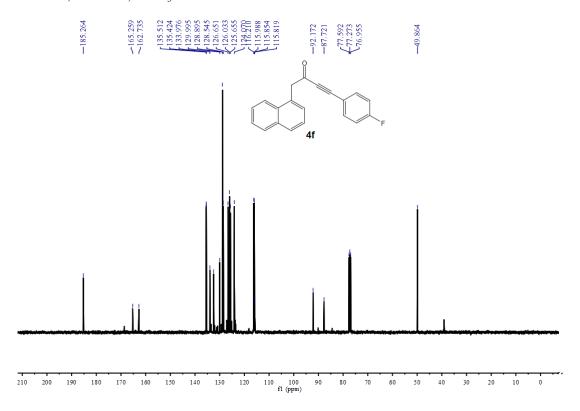


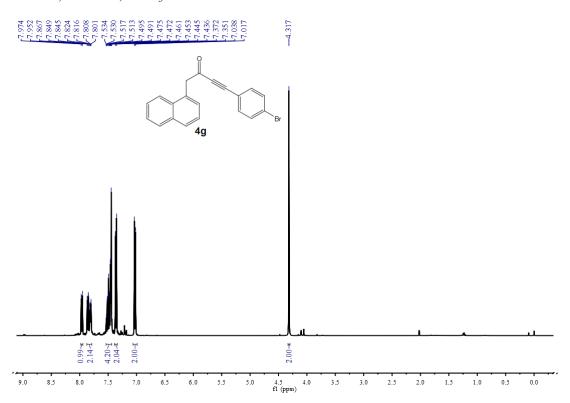




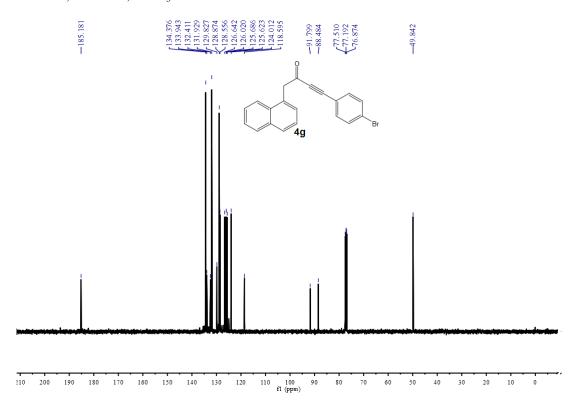


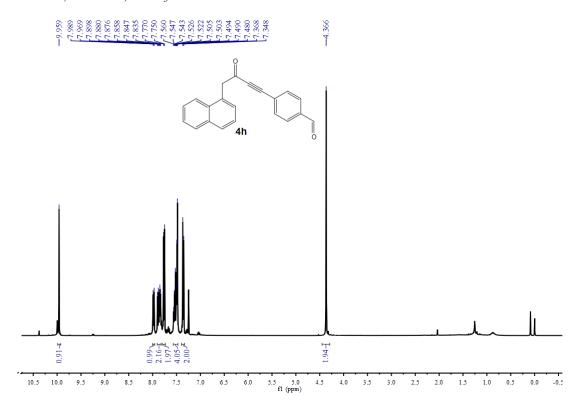
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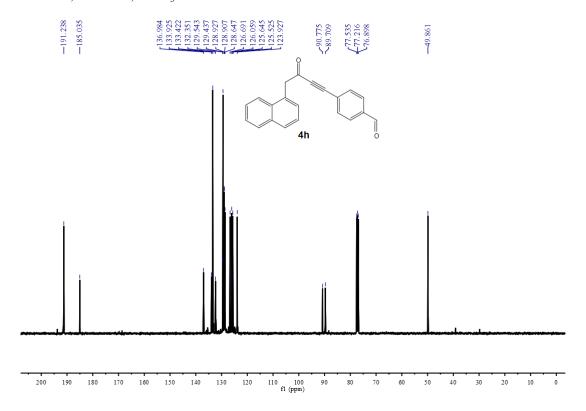


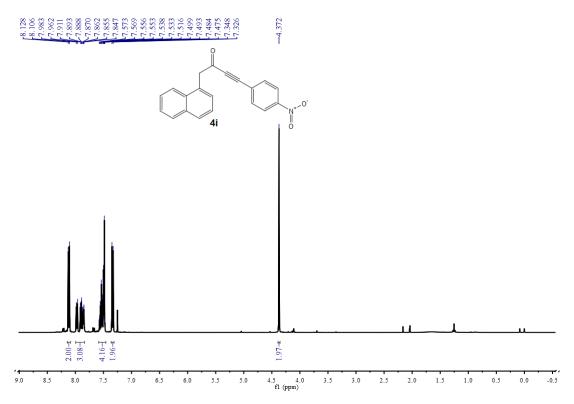


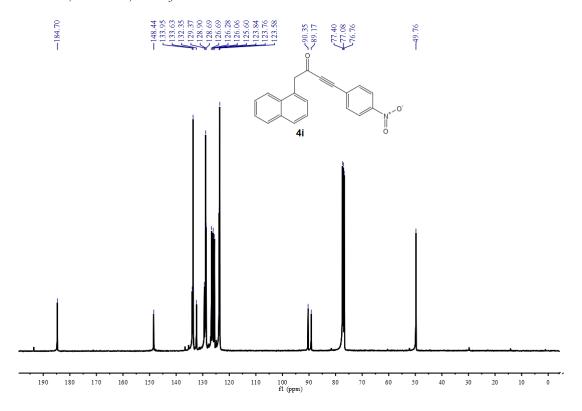
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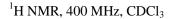


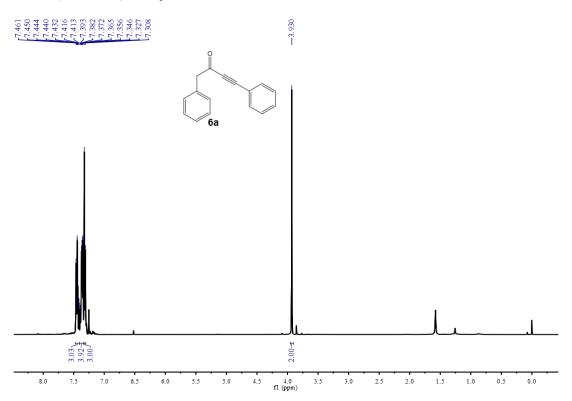


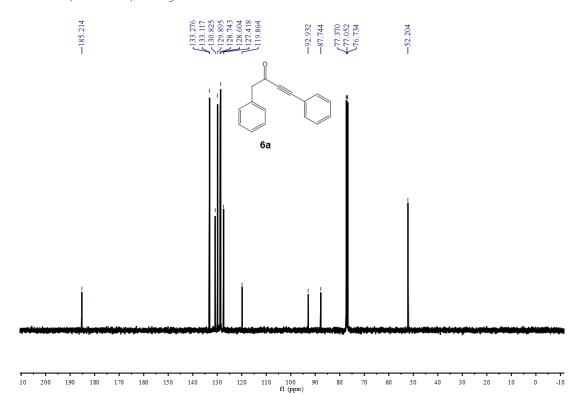


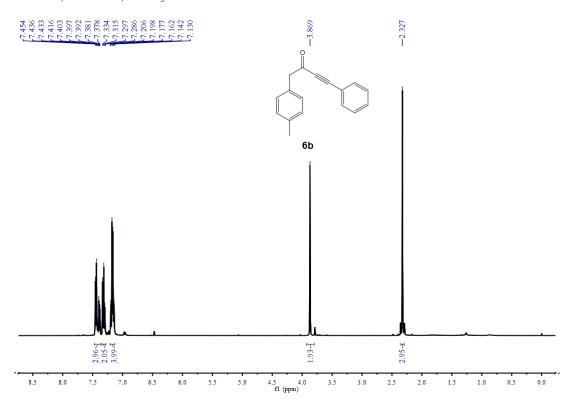


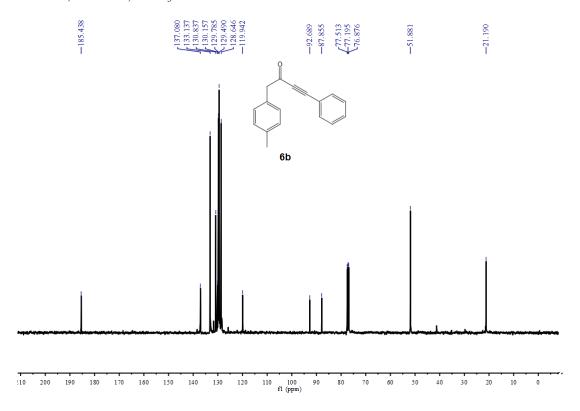


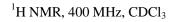


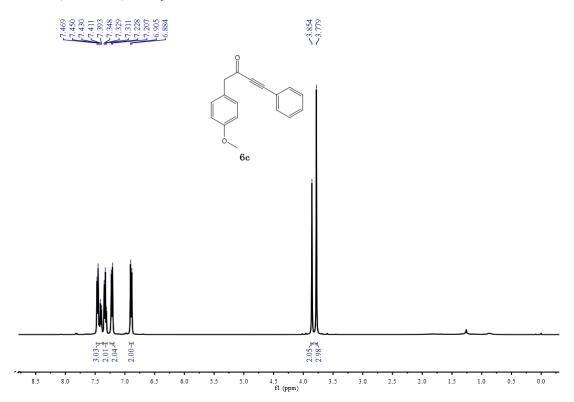












 13 C NMR, 100 MHz, CDCl $_3$

