## Supporting information for

## **Copper/β-Diketone-Catalysed N-Arylation of Carbazoles**

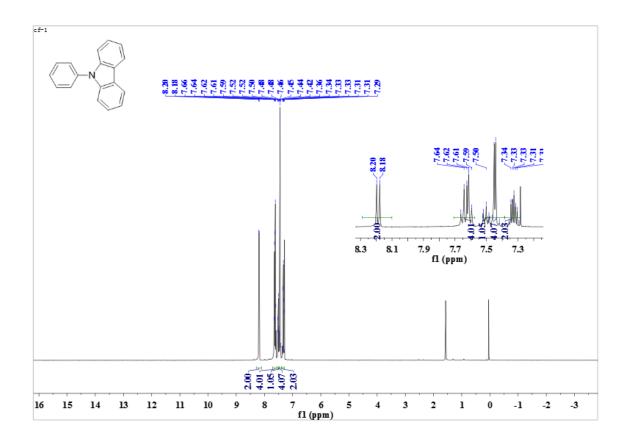
Fei Chen, Ning Liu,\* Enhui Ji, Bin Dai,\*

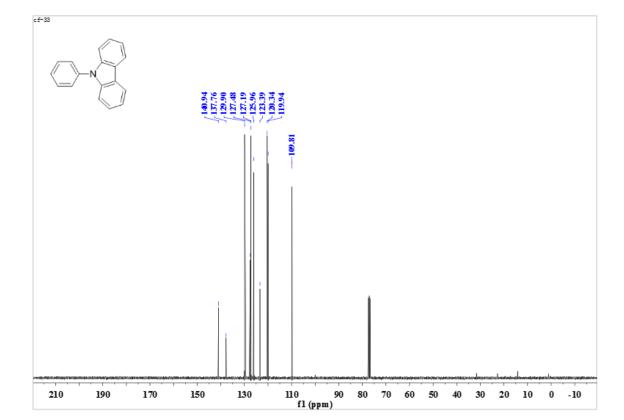
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## Contents

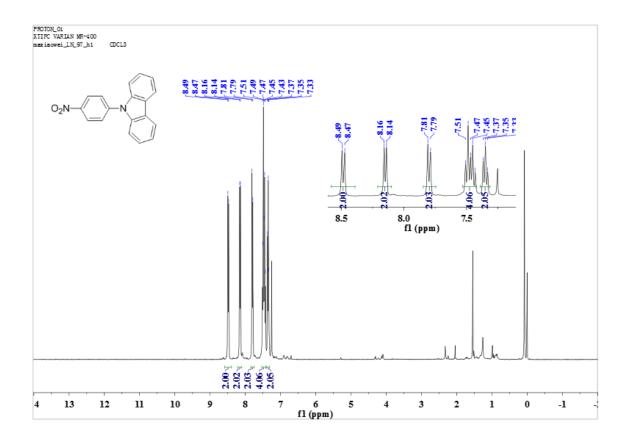
NMR Spectra for Products

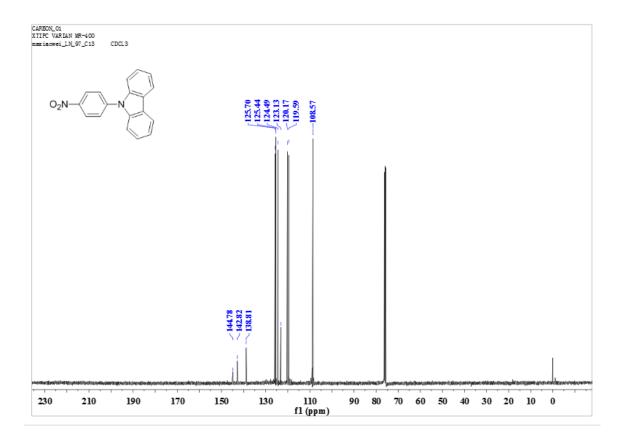
S2-S53

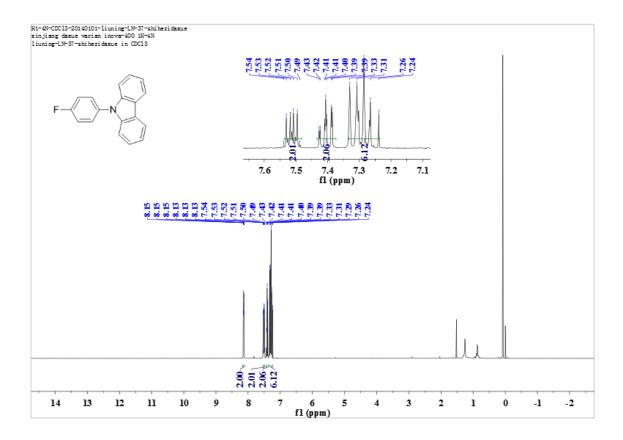


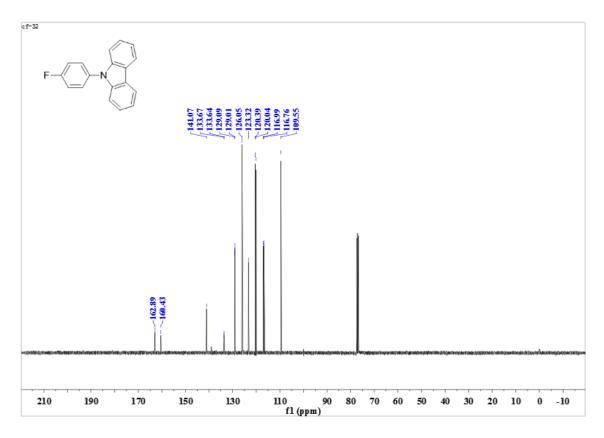


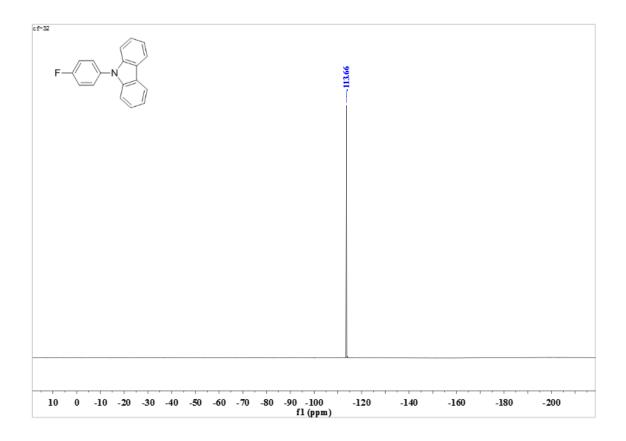
## NMR Spectra for all Cross-Coupling Products

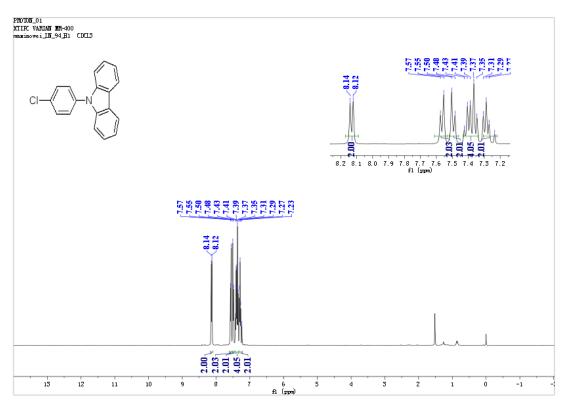


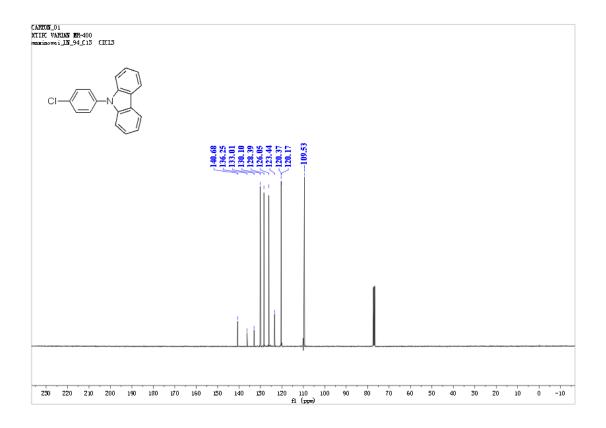


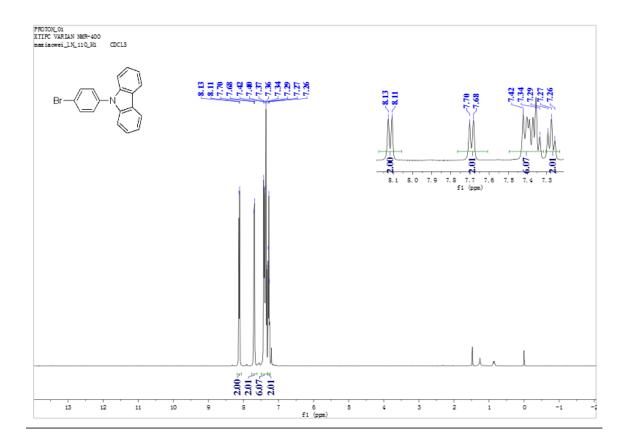












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