

Supporting information for

Carbazole and triarylpyrrole synthesis from anilines and cyclohexanones or acetophenones under transition-metal free condition

Jun Wu,^{a§} Xiangui Chen,^{a§} Yanjun Xie,^a Yanjun Guo,^a Qian Zhang^a and Guo-Jun Deng^{a*}

^a *Key Laboratory of Environmentally Friendly Chemistry and Application of Ministry of Education, College of Chemistry, Xiangtan University, Xiangtan 411105, China; Fax: (+86)-0731-58292251; e-mail: gjdeng@xtu.edu.cn*

[§] Jun Wu and Xiangui Chen contributed equally for this work

¹H NMR and ¹³C NMR spectra of products





















































































