

Supporting Information

Efficient Copper-Catalyzed N-Arylations of Nitrogen-Containing Heterocycles and Aliphatic Amines in Water

Xufeng Li,^{a,b} Daoshan Yang,^a Yuyang Jiang,^b Hua Fu^{*a}

^a Key Laboratory of Bioorganic Phosphorus Chemistry and Chemical Biology
(Ministry of Education), Department of Chemistry, Tsinghua University, Beijing,
100084, P. R. China.

^b Key Laboratory of Chemical Biology (Guangdong Province), Graduate School of
Shenzhen, Tsinghua University, Shenzhen, 518057, P. R. China
E-mail: fuhua@mail.tsinghua.edu.cn

The ¹H and ¹³C NMR spectra of compounds **3a-p** and **3a'-o'**



























































































































