Supporting Information (2)

Rhodium-Catalyzed Oxidative 1:1, 1:2, and 1:4 Coupling Reactions of Phenylazoles with Internal Alkynes through the Regioselective Cleavage of Multiple C—H Bonds

Nobuyoshi Umeda,† Koji Hirano,‡ Tetsuya Satoh,*† Naoto Shibata,‡ Hirofumi Sato,*‡ and Masahiro Miura,*†

†Department of Applied Chemistry, Faculty of Engineering, Osaka University, Suita, Osaka 565-0871, Japan
‡Department of Molecular Engineering, Graduate School of Engineering, Kyoto University, Nishikyo-ku, Kyoto 615-8510, Japan

e-mail: satoh@chem.eng.osaka-u.ac.jp; hirofumi@moleng.kyoto-u.ac.jp;
miura@chem.eng.osaka-u.ac.jp

List of Contents for Experimental Section

1H and 13C NMR Spectra of Products 5 and 6: S-54 – S-91