**Supporting Information**

**Convenient and efficient Suzuki–Miyaura and Heck–Mizoroki cross*–*coupling reactions catalyzed by 1,3,4–trisubstituted–1,2,3–triazolium iodide and palladium salt systems**

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**1H- NMR spectra of coupled products**



Figure SP1. 1H NMR spectrum of 1,2-diphenylethene.

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Figure SP2.1H NMR spectrum of 1-methyl-4-styrylbenzene.



Figure SP3. 1H NMR spectrum of 1-methoxy-4-styrylbenzene.



Figure SP4. 1H NMR spectrum of 1-(4-styrylphenyl)ethanone.



Figure SP5. 1H NMR spectrum of 4-styrylbenzenamine.



Figure SP6. 1H NMR spectrum of 4-styrylphenol.



Figure SP7. 1H NMR spectrum of 1-(4-nitrostyryl)benzene.



Figure SP8. 1H NMR spectrum of 1-tert-butyl-4-styrylbenzene.