October 11, 2015 Revised version: RSC Advances

Supplementary information

Microwave-assisted organic syntheses: Microwave effect on intramolecular reactions – the Claisen rearrangement of allylphenyl ether and 1-allyloxy-4-methoxybenzene

Satoshi Horikoshi, 1[†] Tomoki Watanabe, 1 Momoko Kamata, 1 Yumiko Suzuki, 1 and Nick Serpone 2

Proton NMR spectra taken in CDCl₃ solvent are reported for the precursor substrate 1-allyloxy-4-methoxybenzene (**Figure S1**) and for the product of the Claisen rearrangement 2-allyl-4-methoxyphenol (**Figure S2**).

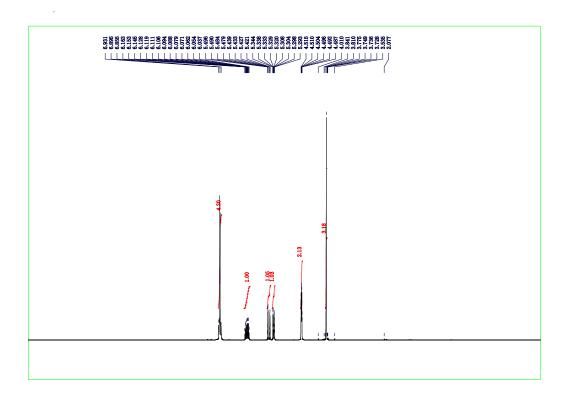


Figure S-1. Proton NMR spectrum of 1-allyloxy-4-methoxybenzene in CDCl₃ solvent.

¹ Department of Materials and Life Sciences, Faculty of Science and Technology, Sophia University, 7-1 Kioicho, Chiyodaku, Tokyo 102-8554, Japan

² Visiting Professor, PhotoGreen Laboratory, Dipartimento di Chimica, Universita di Pavia, via Taramelli 12, Pavia 27100, Italy

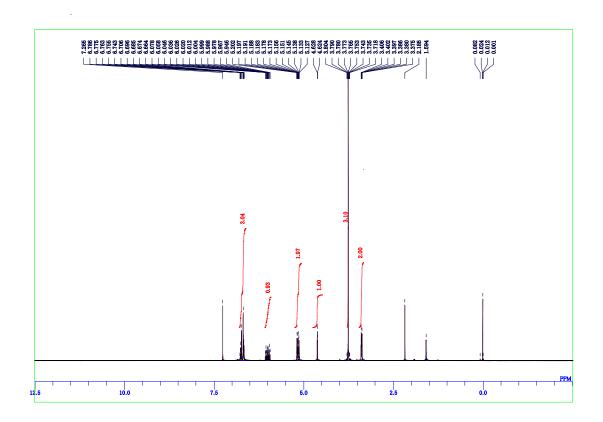


Figure S-2. Proton NMR spectrum of 2-allyl-4-methoxyphenol in CDCl₃ solvent.