Rate Enhanced Olefin Cross Metathesis Reactions: The Copper Iodide Effect

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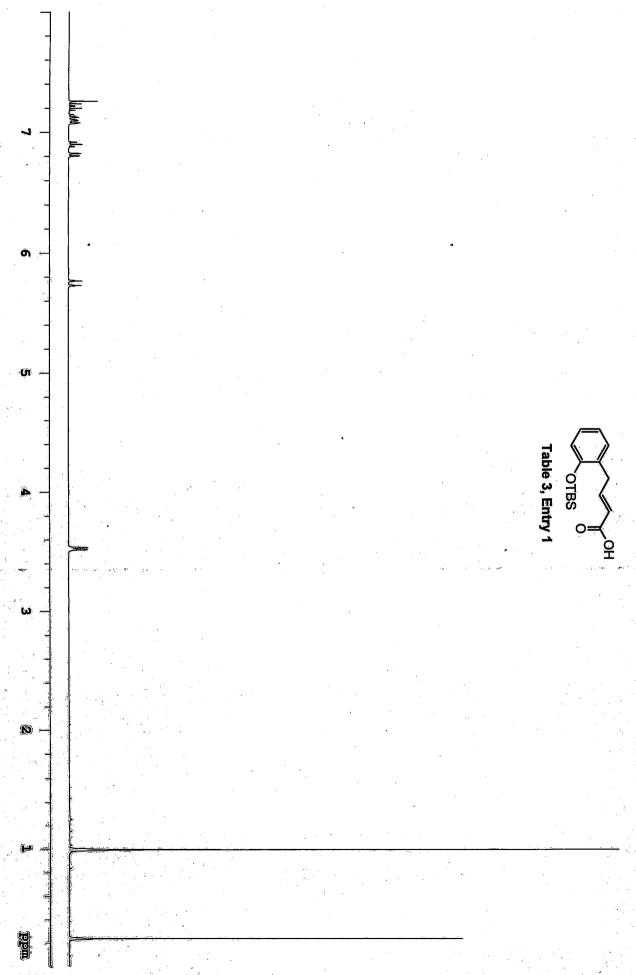
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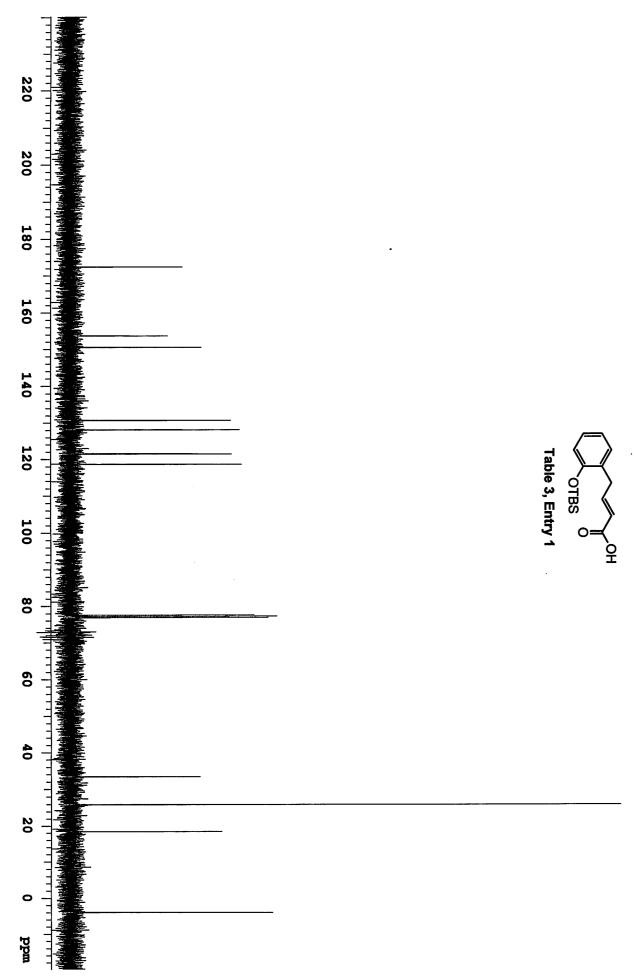
Supporting Information

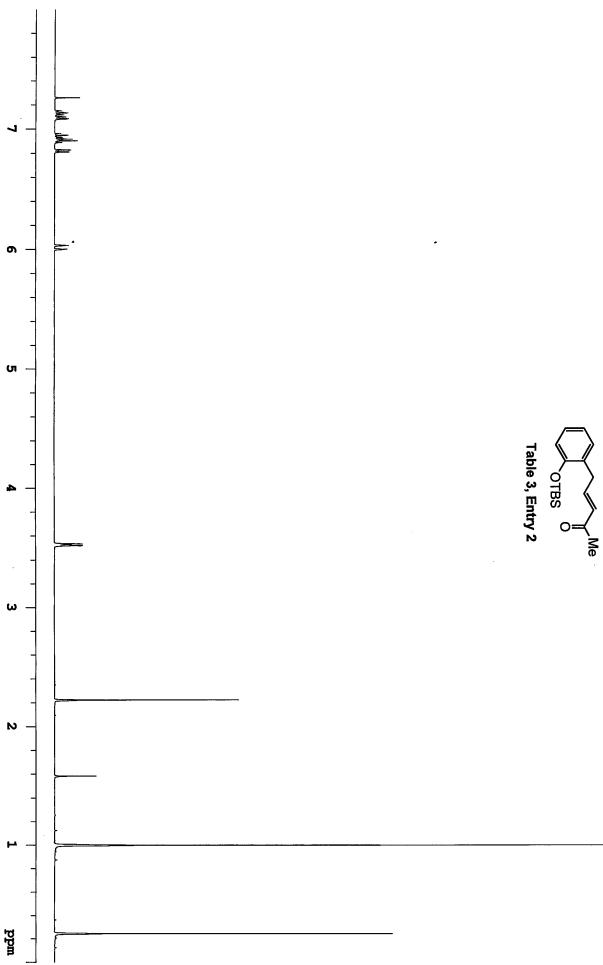
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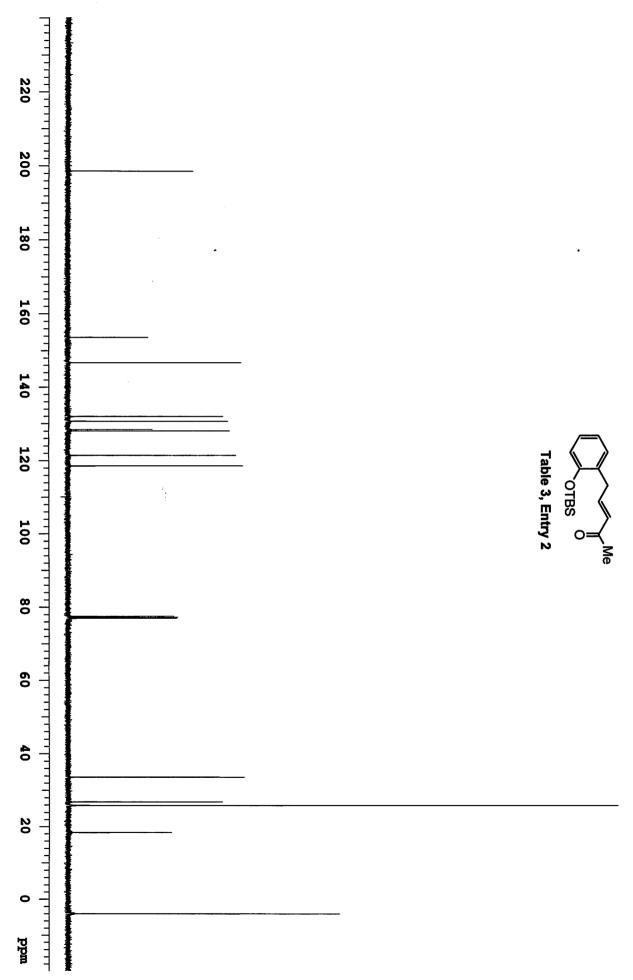
1.	General Information	S 2
II.	Spectral data (¹ H and ¹³ C) of all new and (¹ H) of all known compounds	S3-S23

General Informationss: All reactions were performed either in a pear shaped flask or 2-5 mL microwave reactor vials under an argon atmosphere containing a Teflon coated stir bar and septum. A stock solution of 2.5% (w/w) TPGS-750-M in ultrapure degassed H_2O were made and stored in a sealed serum bottle on the bench-top. Column chromatography was performed using 60 Å flash silica gel. Thin-Layer-Chromatography analysis was conducted using commercially available silica gel 60 F_{254} plates. Nuclear Magnetic Resonance spectra were obtained in CDCl₃, with proton and carbon resonances at 400 and 100 MHz, respectively, and are referenced to the residual solvent signal at 7.27 ppm for 1H and δ 77.23 ppm for ^{13}C . Data for 1H are reported as follows: chemical shift (δ ppm), multiplicity (s = singlet, d = doublet, t = triplet, q = quartet, m = multiplet, sep = septet), coupling constant and integration. Data for ^{13}C NMR are reported in terms of chemical shift. Infrared spectra were obtained either neat or by thin-flim on NaCl plates and are reported as cm $^{-1}$. Grubbs second generation catalysts were obtained from Materia, Inc. and stored in a glove box under an Ar atmosphere.









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