

Supporting Information

Ionic Liquid-supported Benzyl Azide: An Efficient Soluble Scavenger for Alkynes

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Content

1. HPLC analysis
2. Copies of ^1H NMR and ^{13}C NMR spectra of **17a-o**

1. HPLC analysis

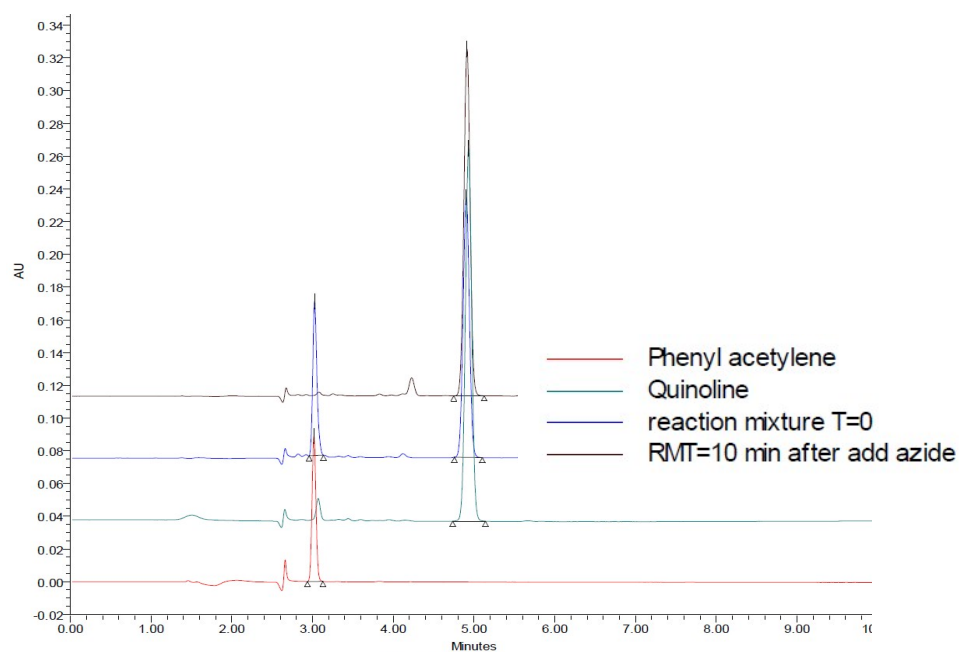


Figure S1: HPLC analysis of a) phenylacetylene, b) 2,4-diphenylquinoline, c) reaction mixture and d) reaction mixture after treating with **12** for 10 min.

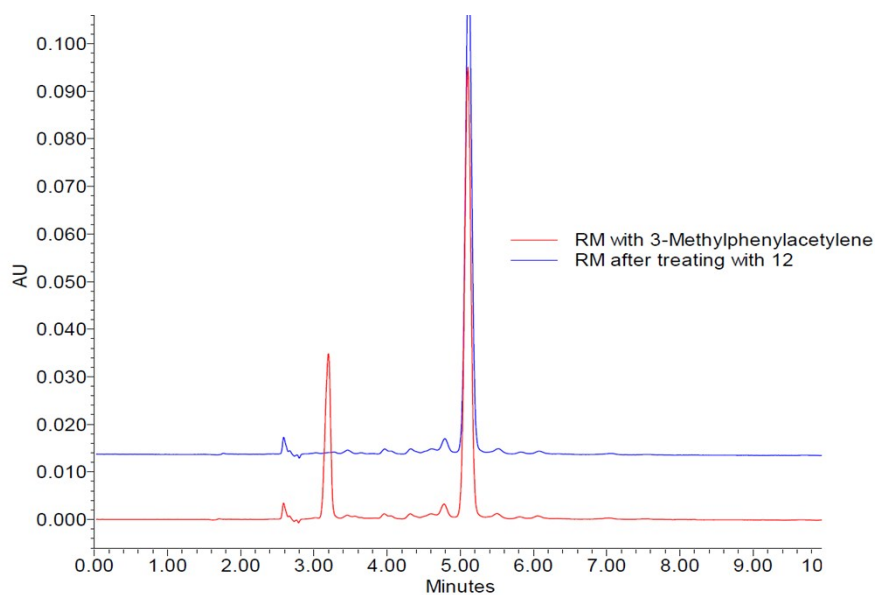


Figure S2: HPLC analysis of a) Reaction mixture containing 3-Methylphenylacetylene (red line) b) Reaction mixture after treating with **12** for 10 min (blue line).

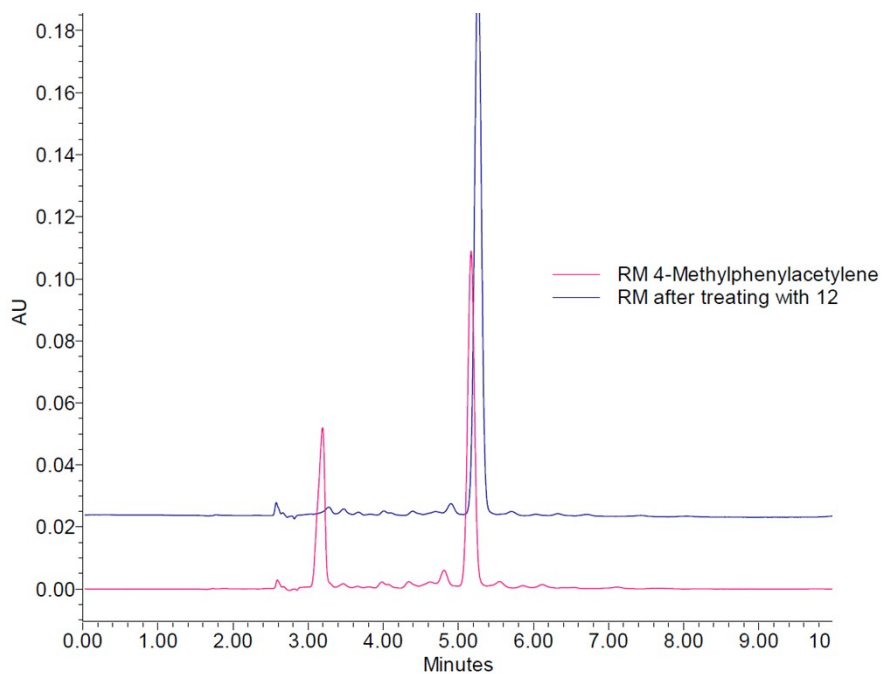


Figure S3: HPLC analysis of a) Reaction mixture containing 4-methylphenylacetylene (pink line) b) Reaction mixture after treating with **12** for 10 min (blue line).

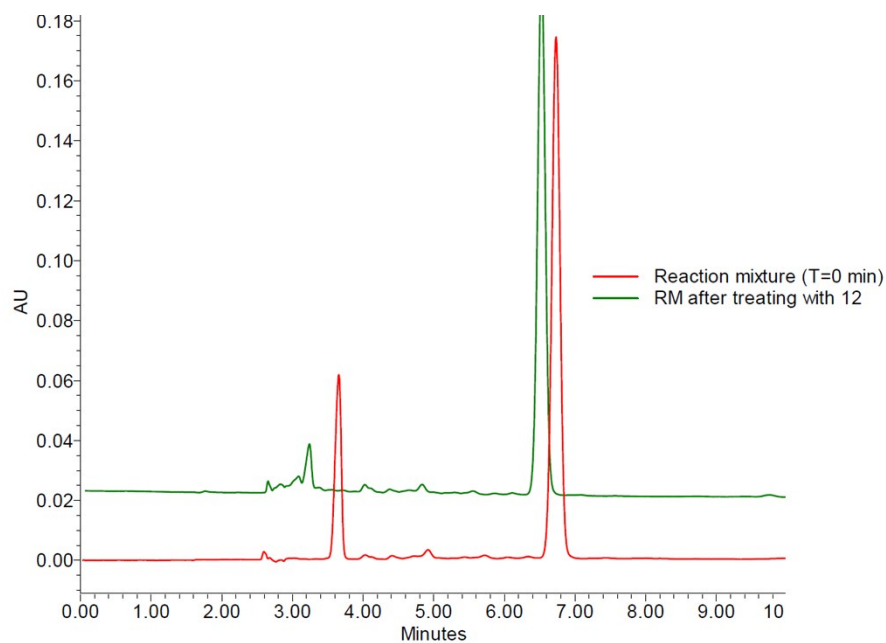


Figure S4: HPLC analysis of a) Reaction mixture containing 4-tert-butylphenylacetylene (red line) b) Reaction mixture after treating with **12** for 15 min (green line).

2. Copies of ^1H and ^{13}C NMR for 10, 12 and 17a-o

