Supporting Information

**One-pot Synthetic Routes to Multiply Substituted Indene Derivatives
by Hydrolysis of Zirconocene-Mediated Intermolecular Coupling Reactions
of Aromatic Ketones and Alkynes**

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Table of Contents

Copies of ^1H and ^{13}C NMR spectra for all isolated compounds (**4a**, **4b**, **4bD**, **4c**, **4d**, **4e**, **4f**, **4g**, **4h**, **4i**, **4j**, **4k**, **4l**, **4m**, **4n**, and **4o**) and X-ray structure of **4o**. S1 (this page) till S17.

S2

S3

S4

S5

S6

S7

S8

S9

S10

S11

S12

S13

S14

S15

S16

S17

Figure. Perspective view of **40**.