Supporting Information
for DOI: 10.1055/s-0031-1290943
© Georg Thieme Verlag KG Stuttgart · New York 2012
Tandem Decarboxylative Allylation and Fragmentation of Allyl Benzocyclobutenyl Carbonates: Access to ortho-Functionalized Aryls from Aryl Bromides.

David Rosa, Andrei Chtimelinenine and Arturo Orellana*
Department of Chemistry, York University, 4700 Keele Street, Toronto ON, M3J 1P3, Canada
Fax: +1 (416) 736 5936
E-mail: aorellan@yorku.ca

Supplementary Information

\(^1\)H and \(^{13}\)C NMR data for carbonates pp 2-12
\(^1\)H and \(^{13}\)C NMR data for ketones pp 13-21
GC-MS data for cross-over experiment p 22
Carbonate 4a
Carbonate 7a

Carbonate 8a
Carbonate 10a
Carbonate 11a
Carbonate 12a
Carbonate 13a

Ketone 3b
Ketone 4b
Ketone 5b
Ketone 6b
Ketone 7b

Ketone 10b
Ketone 13b
Cross Over Experiment:

General procedure 4 was followed using carbonates 3a and (0.020 g, 0.08 mmol) and 11b (0.024 g, 0.08 mmol). Upon completion, the reaction was filtered through a plug of silica gel using EtOAc and concentrated in vacuo. The crude material was submitted for GC-MS analysis, which showed the presence of ketones 3b and 11b along with the cross-over products 6b and 10b.