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Title:	A One-Pot Approach to 2,3-Diarylbenzo[b]furans through N-Heterocyclic Carbene-Catalyzed 1,6-Conjugate Addition Followed by Acid Mediated Dehydrative Annulation
Authors:	Singh, Gurdeep (/jspui/browse?type=author&value=Singh%2C+Gurdeep) Goswami, P. (/jspui/browse?type=author&value=Goswami%2C+P.) Sharma, Sonam (/jspui/browse?type=author&value=Sharma%2C+Sonam) Anand, R.V. (/jspui/browse?type=author&value=Anand%2C+R.V.)
Keywords:	Dehydrative Annulation 2,3-Diarylbenzo[b]furans N-Heterocyclic Carbene-Catalyzed
Issue Date:	2018
Publisher:	American Chemical Society
Citation:	Journal of Organic Chemistry, 83(17), pp. 10546–10554
Abstract:	A one-pot protocol for the synthesis of 2,3-diarylbenzo[b]furan derivatives through an N-heterocyclic carbene catalyzed 1,6-conjugate addition of aromatic aldehydes to 2-hydroxyphenyl-substituted para-quinone methides followed by acid-mediated dehydrative annulation has been developed. This protocol allowed us to access a wide range of 2,3-diarylbenzo[b]furan derivatives in moderate to good yields.
URI:	https://pubs.acs.org/doi/10.1021/acs.joc.8b01358 (https://pubs.acs.org/doi/10.1021/acs.joc.8b01358) http://hdl.handle.net/123456789/1847 (http://hdl.handle.net/123456789/1847)
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