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Title:	N-Heterocyclic Carbene Catalyzed Highly Chemoselective Intermolecular Crossed Acyloin Condensation of Aromatic Aldehydes with Trifluoroacetaldehyde Ethyl Hemiacetal
Authors:	Ramanjaneyulu, B.T. (/jspui/browse?type=author&value=Ramanjaneyulu%2C+B.T.) Mahesh, S. (/jspui/browse?type=author&value=Mahesh%2C+S.) Anand, R.V. (/jspui/browse?type=author&value=Anand%2C+R.V.)
Keywords:	Aldehydes Condensation Catalysts Chemical reactions
Issue Date:	2015
Publisher:	American Chemical Society
Citation:	Organic Letters, 17 (1) pp. 6-9
Abstract:	A highly chemoselective intermolecular crossed acyloin condensation between aromatic aldehydes and trifluoroacetaldehyde ethyl hemiacetal has been developed under mild reaction conditions using N-heterocyclic carbene as a catalyst. A wide range of aromatic aldehydes bearing electron-withdrawing and -donating substituents underwent a smooth transformation to their corresponding trifluoromethyl containing acyloin derivatives in moderate to good yields.
URI:	<a href="https://pubs.acs.org/doi/10.1021/ol502581b">https://pubs.acs.org/doi/10.1021/ol502581b</a> ( <a href="https://pubs.acs.org/doi/10.1021/ol502581b">https://pubs.acs.org/doi/10.1021/ol502581b</a> ) <a href="http://hdl.handle.net/123456789/3023">http://hdl.handle.net/123456789/3023</a> ( <a href="http://hdl.handle.net/123456789/3023">http://hdl.handle.net/123456789/3023</a> )
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