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Title:	B(C ₆ F ₅) ₃ catalysed reduction of para-quinone methides and fuchsones to access unsymmetrical diaryl- and triarylmethanes: elaboration to beclobrate
Authors:	Mahesh, S. (/jspui/browse?type=author&value=Mahesh%2C+S.) Anand, R.V. (/jspui/browse?type=author&value=Anand%2C+R.V.)
Keywords:	Beclobrate Triarylmethanes para-quinone methides B(C ₆ F ₅) ₃
Issue Date:	2017
Publisher:	Royal Society of Chemistry
Citation:	Organic and Biomolecular Chemistry, 15(39), pp. 8393-8401
Abstract:	A mild and efficient method for the synthesis of unsymmetrical diaryl- and triarylmethanes through a B(C ₆ F ₅) ₃ catalyzed reduction of para-quinone methides and fuchsones respectively, using the Hantzsch ester as a reducing source has been developed. Detailed mechanistic investigations revealed that the reaction actually proceeds through a Lewis acid-base pair complex derived from B(C ₆ F ₅) ₃ and the Hantzsch ester.
URI:	https://pubs.rsc.org/en/content/articlelanding/2017/ob/c7ob02007d#divAbstract (https://pubs.rsc.org/en/content/articlelanding/2017/ob/c7ob02007d#divAbstract) http://hdl.handle.net/123456789/2638 (http://hdl.handle.net/123456789/2638)
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