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Title:	Zinc-Mediated Allylation Followed by Lactonization of Dialkyl 2-(3-Oxo-1,3-diarylpropyl)malonates: Construction of δ -Lactones with Multiple Stereocenters
Authors:	Reddy, C. (/jspui/browse?type=author&value=Reddy%2C+C.) Babu, S.A. (/jspui/browse?type=author&value=Babu%2C+S.A.)
Keywords:	allylation diastereoselectivity lactones stereoselective synthesis
Issue Date:	2015
Publisher:	Georg Thieme Verlag
Citation:	Synlett, 26(15)
Abstract:	A variety of polysubstituted δ -lactones containing three or four stereocenters were prepared from various dialkyl 2-(3-oxo-1,3-diarylpropyl)malonates by a Barbier-type zinc-mediated allylation or cyclohexenylation of the keto group, followed by intramolecular lactonization/transesterification. The stereochemistry of the major isomers was confirmed by X-ray crystal structure analysis of representative compounds
URI:	https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0035-1560052 (https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0035-1560052) http://hdl.handle.net/123456789/2781 (http://hdl.handle.net/123456789/2781)
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