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Title:	Palladium-Catalyzed Double Activation and Arylation of 2° and 3° C(sp <sup>3</sup> )-H Bonds of the Norbornane System: Formation of a C-C Bond at the Bridgehead Carbon and Bridgehead Quaternary Stereocenter
Authors:	Parella, R. (/jspui/browse?type=author&value=Parella%2C+R.) Babu, S.A. (/jspui/browse?type=author&value=Babu%2C+S.A.)
Keywords:	Arylation Bridgehead substitution C-H activation Diastereoselectivity Palladium Stereoselective synthesis
Issue Date:	2014
Publisher:	Georg Thieme Verlag
Citation:	Synlett, 25(10), pp.1395-1402.
Abstract:	Pd-catalyzed activation and direct arylation of both 2° and the bridgehead 3° (sp <sup>3</sup> ) C-H bonds and an unprecedented C-C bond formation at the bridgehead carbon of the norbornane system are reported. The assembly of bridgehead-substituted norbornane frameworks having contiguous stereocenters was accomplished. X-ray crystal structure analysis of representative molecules unambiguously established the stereochemistry.
URI:	<a href="https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0033-1341242">https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0033-1341242</a> ( <a href="https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0033-1341242">https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0033-1341242</a> ) <a href="http://hdl.handle.net/123456789/3060">http://hdl.handle.net/123456789/3060</a> ( <a href="http://hdl.handle.net/123456789/3060">http://hdl.handle.net/123456789/3060</a> )
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