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Title:	Facile Access to Cyclopentadienes via Catalytic Intramolecular Palladium-Ene Reaction of 2,4-Pentadienyl Acetates
Authors:	Bharadwaj, S.K. (/jspui/browse?type=author&value=Bharadwaj%2C+S.K.) Bankar, S.K. (/jspui/browse?type=author&value=Bankar%2C+S.K.) Ramasastry, S.S.V. (/jspui/browse?type=author&value=Ramasastry%2C+S.S.V.)
Keywords:	Tsuji-Trost reaction Metallo-ene reaction Cyclopentanes Iso-Nazarov reaction Annulation
Issue Date:	2018
Publisher:	Georg Thieme Verlag
Citation:	Synlett, 29(19), pp. 2456-2460
Abstract:	We have recently disclosed a palladium-catalyzed Trost-Oppolzer type Alder-ene reaction of 2,4-pentadienyl acetates for the synthesis of highly substituted cyclopentadienes and cyclopentene-fused aromatics. The overall transformation also represents an acid-free iso-Nazarov type cyclization. Herein, we provide the hypothesis and rationale behind this work, while highlighting the seminal contributions of Trost, Oppolzer and others towards the development of the palladium-ene reaction.
URI:	https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0037-1610552 (https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0037-1610552) http://hdl.handle.net/123456789/2260 (http://hdl.handle.net/123456789/2260)
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