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Title:	TfOH-Catalyzed Intramolecular Annulation of 2-(Aryl)-Phenyl-Substituted p-Quinone Methides under Continuous Flow: Total Syntheses of Selaginpulvilin I and Isoselagintamarlin A
Authors:	Pankhade, Yogesh A. (/jspui/browse?type=author&value=Pankhade%2C+Yogesh+A.) Pandey, Rajat (/jspui/browse?type=author&value=Pandey%2C+Rajat) Fatma, Shaheen (/jspui/browse?type=author&value=Fatma%2C+Shaheen) Ahmad, Feroz (/jspui/browse?type=author&value=Ahmad%2C+Feroz) Anand, Ramasamy Vijaya (/jspui/browse?type=author&value=Anand%2C+Ramasamy+Vijaya)
Keywords:	Layers Reaction products Mixtures
Issue Date:	2022
Publisher:	ACS Publications
Citation:	Journal of Organic Chemistry, 87(5), 3363-3377
Abstract:	In this article, we describe a convenient method to access 9-aryl fluorene derivatives through a TfOH-catalyzed intramolecular 1,6-conjugate arylation of 2-(aryl)-phenyl-substituted p-quinone methides (QMs) under continuous flow using the microreaction technique. This method was found to be very effective for most of the p-QMs, and the corresponding 9-aryl fluorene derivatives were obtained in moderate to excellent yields. Moreover, this protocol was further elaborated to the first total syntheses of selaginpulvilin I and isoselagintamarlin A.
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