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Title:	HBF4-Catalyzed 3,6-Bis-diarylmethylation of Carbazoles with para-Quinone Methides
Authors:	Rekha (/jspui/browse?type=author&value=Rekha) Sharma, Sonam (/jspui/browse?type=author&value=Sharma%2C+Sonam) Anand, Ramasamy Vijaya (/jspui/browse?type=author&value=Anand%2C+Ramasamy+Vijaya)
Keywords:	Carbazoles para-Quinone Methides
Issue Date:	2022
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Citation:	European Journal of Organic Chemistry, 2022(46), 2201323
Abstract:	In this article, we demonstrate an atom economical, practical, mild and selective HBF ₄ -catalyzed 1,6-conjugate addition of carbazoles to para-Quinone Methides (p-QMs) to access 3,6-bis-diarylmethyl- and mono-diarylmethyl carbazoles. This metal and additive free protocol provides convenient access to the substituted carbazole derivatives in moderate to excellent yields with a good functional group tolerance. It was found that a couple of 3,6-disubstituted carbazoles showed interesting photophysical properties and, therefore, might potentially find some applications as host materials in OLEDs.
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