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Title:	Bis(amino)cyclopropenylidene-Catalyzed 1,6-Conjugate Addition of Aromatic Aldehydes to para-Quinone Methides: Expedient Access to α,α′-Diarylated Ketones
Authors:	Ramanjaneyulu, B.T. (/jspui/browse?type=author&value=Ramanjaneyulu%2C+B.T.) Mahesh, S. (/jspui/browse?type=author&value=Mahesh%2C+S.) Anand, R.V. (/jspui/browse?type=author&value=Anand%2C+R.V.)
Keywords:	Carbonyls Chemical reactions Aromatic compounds etones
Issue Date:	2015
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Citation:	Organic Letters, 17(16)
Abstract:	A bis(amino)cyclopropenylidene-catalyzed direct method for the synthesis of α,α′-diarylated ketones from aromatic as well as heteroaromatic aldehydes has been developed. This unprecedented organocatalytic protocol offers access to a wide range of α,α′-diarylated ketones in moderate to excellent yields under mild conditions through umpolung of aldehydes followed by 1,6-conjugate addition with para-quinone methides.
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