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Title:	N-Heterocyclic Carbene Catalyzed 1,6-Conjugate Addition of Me <sub>3</sub> Si-CN to para-Quinone Methides and Fuchsones: Access to $\alpha$ -Arylated Nitriles
Authors:	Goswami, P. (/jspui/browse?type=author&value=Goswami%2C+P.) Singh, Gurdeep (/jspui/browse?type=author&value=Singh%2C+Gurdeep) Anand, R.V. (/jspui/browse?type=author&value=Anand%2C+R.V.)
Keywords:	Chemical reactions, Nitrogen compounds
Issue Date:	2017
Publisher:	ACS Publications
Citation:	Organic Letters, 19(8)
Abstract:	An organocatalytic approach toward $\alpha$ -arylated nitriles using N-heterocyclic carbene (NHC) as a catalyst is described. This protocol comprises an NHC catalyzed activation of Me <sub>3</sub> Si-CN followed by 1,6-conjugate addition of cyanide to para-quinone methides (p-QMs) and fuchsones leading to $\alpha$ -diaryl- and $\alpha$ -triaryl nitriles in good to excellent yields.
URI:	<a href="https://pubs.acs.org/doi/abs/10.1021/acs.orglett.7b00508">https://pubs.acs.org/doi/abs/10.1021/acs.orglett.7b00508</a> ( <a href="https://pubs.acs.org/doi/abs/10.1021/acs.orglett.7b00508">https://pubs.acs.org/doi/abs/10.1021/acs.orglett.7b00508</a> ) <a href="http://hdl.handle.net/123456789/2570">http://hdl.handle.net/123456789/2570</a> ( <a href="http://hdl.handle.net/123456789/2570">http://hdl.handle.net/123456789/2570</a> )
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