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Title:	A one-pot, three-component reaction for the synthesis of novel 7-arylbenzo[c]acridine-5,6-diones
Authors:	Khullar, S. (/jspui/browse?type=author&value=Khullar%2C+S.) Mandal, S.K. (/jspui/browse?type=author&value=Mandal%2C+S.K.)
Keywords:	5,6-diones Hydroxynaphthalene p-toluene sulphonic acid
Issue Date:	2014
Publisher:	Royal Society of Chemistry
Citation:	Chemical Communications,50(70), pp.10078-10081.
Abstract:	A one pot domino protocol for an efficient synthesis of 7-arylbenzo[c]acridine-5,6-diones, with a novel nucleus, has been developed by reacting 2-hydroxynaphthalene-1,4-dione, aromatic aldehydes and aromatic amines using environmentally benevolent p-toluene sulphonic acid as a catalyst. An exciting feature of this communication is the reaction mechanism that depends on the reaction solvent.
Description:	Only IISERM authors are available in the record.
URI:	<a href="https://pubs.rsc.org/en/content/articlelanding/2014/CC/C4CC03079F#!divAbstract">https://pubs.rsc.org/en/content/articlelanding/2014/CC/C4CC03079F#!divAbstract</a> ( <a href="https://pubs.rsc.org/en/content/articlelanding/2014/CC/C4CC03079F#!divAbstract">https://pubs.rsc.org/en/content/articlelanding/2014/CC/C4CC03079F#!divAbstract</a> ) <a href="http://hdl.handle.net/123456789/2901">http://hdl.handle.net/123456789/2901</a> ( <a href="http://hdl.handle.net/123456789/2901">http://hdl.handle.net/123456789/2901</a> )
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