



Library Indian Institute of Science Education and Research Mohali



DSpace@IISERMohali (/jspui/)
/ Publications of IISER Mohali (/jspui/handle/123456789/4)
/ Research Articles (/jspui/handle/123456789/9)

Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/2341>

Title:	Base-Mediated One-pot Synthesis of Oxygen-Based Heterocycles from 2-Hydroxyphenyl-Substituted para-Quinone Methides
Authors:	Singh, Gurpreet (/jspui/browse?type=author&value=Singh%2C+Gurpreet) Kumar, Suresh (/jspui/browse?type=author&value=Kumar%2C+Suresh) Chowdhury, Arjun (/jspui/browse?type=author&value=Chowdhury%2C+Arjun) Anand, R.V. (/jspui/browse?type=author&value=Anand%2C+R.V.)
Keywords:	Oxygen Heterocycles Synthesis
Issue Date:	2019
Publisher:	American Chemical Society
Citation:	Journal of Organic Chemistry, 84(24),pp. 15978–15989.
Abstract:	One-pot synthesis of oxygen-containing heterocycles has been achieved through alkylation/acylation of 2-hydroxyphenyl-substituted para-quinone methides followed by an intramolecular 1,6-conjugate addition/cyclization and oxidation sequence. This protocol provides access to a wide range of oxygen-based heterocycles, such as 2,3-disubstituted benzo[b]furans, 2,3-dihydrobenzofurans and diaryl-substituted coumarin derivatives in moderate to good yields.
URI:	https://pubs.acs.org/doi/abs/10.1021/acs.joc.9b02455 (https://pubs.acs.org/doi/abs/10.1021/acs.joc.9b02455) http://hdl.handle.net/123456789/2341 (http://hdl.handle.net/123456789/2341)
Appears in Collections:	Research Articles (/jspui/handle/123456789/9)

Files in This Item:

File	Description	Size	Format	
Need to add pdf.odt (/jspui/bitstream/123456789/2341/1/Need%20to%20add%20pdf.odt)		8.63 kB	OpenDocument Text	View/Open (/jspui/bitstream/123456789/2341/1/Need%20to%20add%20pdf.odt)

[Show full item record \(/jspui/handle/123456789/2341?mode=full\)](#)

[Statistics \(/jspui/handle/123456789/2341/statistics\)](#)

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.