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Title:	Reducing-Agent-Free Convergent Synthesis of Hydroxyimino-Decorated Tetracyclic Fused Cinnolines via RhIII-Catalyzed Annulation Using Nitroolefins
Authors:	Mandal, Sanjay K. (/jspui/browse?type=author&value=Mandal%2C+Sanjay+K.)
Keywords:	Purification Organic compounds
Issue Date:	2021
Publisher:	ACS Publications
Citation:	The Journal of Organic Chemistry, 86(3), 2734–2747.
Abstract:	A mild Rh-catalyzed method was developed for the synthesis of hydroxyimino functionalized indazolo[1,2-a]cinnolines and phthalazino[2,3-a]cinnolines by reductive [4 + 2] annulation between 1-arylindazolones and 2-aryl-2,3-dihydrophthalazine-1,4-diones with varied nitroolefins. The targeted oxime decorated tetracyclic fused cinnolines were synthesized via sequential C–H activation/olefin insertion/reduction under reducing-agent-free conditions.
Description:	Only IISER Mohali authors are available in the record.
URI:	<a href="https://pubs.acs.org/doi/10.1021/acs.joc.0c02729">https://pubs.acs.org/doi/10.1021/acs.joc.0c02729</a> ( <a href="https://pubs.acs.org/doi/10.1021/acs.joc.0c02729">https://pubs.acs.org/doi/10.1021/acs.joc.0c02729</a> ) <a href="http://hdl.handle.net/123456789/5022">http://hdl.handle.net/123456789/5022</a> ( <a href="http://hdl.handle.net/123456789/5022">http://hdl.handle.net/123456789/5022</a> )
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