



# 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/123456789/2642>

Title:	Construction of Tertiary Amides: Nill-Catalyzed N-Arylation of Secondary Acyclic Amides (2-Picolinamides) with Aryl Halides
Authors:	Sankar, Rathinam (/jspui/browse?type=author&value=Sankar%2C+Rathinam) Babu, S.A. (/jspui/browse?type=author&value=Babu%2C+S.A.)
Keywords:	amides cross-coupling reactions picolinamides
Issue Date:	2017
Publisher:	Wiley-VCH Verlag
Citation:	Asian Journal of Organic Chemistry, 6(3)
Abstract:	Nill-catalyzed C–N cross-coupling reaction of secondary acyclic amides (2-picolinamides, which were derived from 2-picolinic acid and amines) and aryl halides for the construction of tertiary amides has been reported. Relatively inexpensive NiCl <sub>2</sub> was used as the catalyst for the N-arylation of various 2-picolinamides (secondary acyclic amides), in which the 2-picolinamide unit plausibly served as an internal ligand. © 2017 Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim
URI:	<a href="https://onlinelibrary.wiley.com/doi/full/10.1002/ajoc.201600596">https://onlinelibrary.wiley.com/doi/full/10.1002/ajoc.201600596</a> ( <a href="https://onlinelibrary.wiley.com/doi/full/10.1002/ajoc.201600596">https://onlinelibrary.wiley.com/doi/full/10.1002/ajoc.201600596</a> ) <a href="http://hdl.handle.net/123456789/2642">http://hdl.handle.net/123456789/2642</a> ( <a href="http://hdl.handle.net/123456789/2642">http://hdl.handle.net/123456789/2642</a> )
Appears in	Research Articles (/jspui/handle/123456789/9)
Collections:	

## Files in This Item:

File	Description	Size	Format	
Need to add pdf.odt (/jspui/bitstream/123456789/2642/1/Need%20to%20add%20pdf.odt)		8.63 kB	OpenDocument Text	<a href="#">View/Open (/jspui/bitstream/123456789/2642/1/Need%20to%20add%20pdf.odt)</a>

[Show full item record \(/jspui/handle/123456789/2642?mode=full\)](#)

[Statistics \(/jspui/handle/123456789/2642/statistics\)](#)

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