



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_39785
Title of the Manuscript:	Study on the Application of Beckmann Rearrangement in the Synthesis of Amides from Oximes
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	<p>Nafion catalyzed Beckmann rearrangement is not known in the literature and hence this is an interesting topic. However, I am not convinced with the advantages highlighted in favor of the use of Nafion catalyst in the present case. In fact the conversion rate observed during the use of Nafion is poor in my opinion and has nullified all the other advantages claimed. Author should have devoted their effort to improve the conversion rate thereby the product yield. Nevertheless, the study presented here is a thorough one and may be published after a revision.</p> <p>Only one substrate was tested, better try 3-4 substrates more to establish the generality of this methodology.</p> <p>The English language used is poor and needs substantial improvements.</p>	<p>It is really true as the reviewer said that the conversion rate observed during the use of Nafion is not high. The objective of our using Nafion instead of the traditional liquid acid catalyst is to overcome the shortcomings of the latter, such as highly corrosion, difficult to recycle, because this is not in line with the trend of green chemistry today. Just as the reviewer suggested, we should have devoted our effort to improve the conversion rate thereby the product yield, we really needs further research in our future studies, such as the improvement of sulfonic acid resin, and the optimal reaction conditions established in this paper will be useful and have reference in our peers' studies of Beckmann Rearrangement.</p> <p>We have added this part according to the reviewer's suggestion. We added part of "3.8 The adaptability of different substrates to Beckmann rearrangement" in the revised manuscript, and added relevant contents in parts of ABSTRACT, 2.1 Reagents and instruments, 4. CONCLUSION.</p> <p>We are very sorry for our English writing. After consulting some people who is proficient in English, we improved the English standard of our manuscript, and here we did not list the changes but marked highlighted in yellow color in revised paper.</p>
<u>Minor</u> REVISION comments	None	
<u>Optional/General</u> comments		