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Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_34482
Title of the Manuscript:	N,N'-Dialkylimidazolium dimethyl phosphates – Promising Media and Catalysts at the Same Time for Condensation Reactions
Type of the Article	Short Research Articles

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.

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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)
Compulsory REVISION comments	In page 6, figure caption is missing. It is not clear what the figure actually indicates. It is suggested to check with Hi-end software. "Dialkylimidazolium dimethyl phosphates as solvents and catalysts for the Knoevenagel condensation reaction", Andris Zicmanis, Liene Anteina, Tetrahedron Letters 55 (2014) 2027–2028. There is very much conceptual similarity found with this paper. Publisher should follow their norms (copyright issue)	Authors and are grateful for comments and suggestions of the referee and highly appreciate them. Following the suggestions of the referee, following corrections are made in the manuscript: 1)the caption under formulas of the Knoevenagel condensation reaction in page 6 is introduced (now – Scheme 2); 2) the existing Figure 1 with ^1H NMR spectrum is replaced with the better quality spectrum of another substance; 3)some words and sentences are added in the chapter "Results and discussion" to emphasize main meaning of the written text (now colored in yellow in the manuscript). Another issue. The paper in <i>Tetrahedron Letters</i>, vol.55 mentioned by the referee is the first communication of our research group about possibilities that present ionic liquids with dimethyl phosphate anion. The present manuscript is developing further this research direction. Qualitative analysis (^1H NMR spectroscopy) and quantitative analysis (titrimetric analysis) are the same in both communications because they are necessary characteristics of investigated ionic liquids. Preparation of investigated ionic liquids is fully different in the present manuscript (route B in



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		the Scheme 1). This preparation method is probably the most important part of the proposed manuscript – it is an excellent supplementary way for syntheses of investigated ionic liquids when the well-known method (route A in the Scheme 1) cannot be used for some reasons. We believe that both methods might be useful for people working with these ionic liquids and therefore are worth knowing.
<u>Minor</u> REVISION comments	Quality of figure 1 could be improved.	The existing Figure 1 with ^1H NMR spectrum is replaced with the better quality spectrum of another substance.
<u>Optional/General</u> comments	Nothing new found in this paper.	Authors find the novelty of the manuscript in proposing to the potential user full complex of useful information – the method of preparation, characterization and an example of exploitation of ionic liquids with dimethyl phosphate anion. These ionic liquids are not only excellent reaction media (dissolving plenty of substances) but also catalysts for condensation reactions due to basicity of the anion and, possibly, for many other needs. These materials are very much more stable than ionic liquids with carboxylate anions and therefore may be used in wider temperature interval that expand their exploitation possibilities.