



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2013_IRJPAC_8669
Title of the Manuscript:	Improved procedure for the synthesis of calix[4]arenes with four amino groups on the wide rim
Type of the Article	Short Research 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>)



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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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	Why can <i>iso</i>-propanol lead to high yields and purities in this reaction? If ethanol takes place of methanol as solvent, what will happen?	It is difficult to explain why <i>iso</i>-propanol leads to the higher yields and purities. However, we have added the following sentence into the text (p. 6, para 1): "These facts can be rationalized, most probably, by higher lipophilicity and higher boiling point of <i>iso</i>-propanol in comparison to methanol, since the starting materials are not soluble under usual conditions in either of the solvent mixtures used. The intermediates (partially reduced calix[4]arenes) should be better soluble in <i>iso</i>-propanol than in methanol, thus increasing their concentrations and the rate of the whole process. ". We have not used ethanol yet in our studies but we plan to do it. However, at present we have nothing to add into the manuscript, since we have no experimental details at hand.
<u>Optional/General</u> comments		