



SDI Review Form 1.6

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_50754
Title of the Manuscript:	Cationic photopolymerization by Polymeric Triphenyl Phosphonium Salts
Type of the Article	Original 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>)

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	<p>In general the paper reports on the development of the Phenacyl triphenylphosphonium and p-nitrobenzyl triphenylphosphonium polymer bound salts with SbF₆⁻ counter ions for the cationic photopolymerization of epoxide monomers such as cyclohexene oxide and vinyl monomers such as N-vinyl carbazole and p-methyl styrene. The paper can be considered to be accepted with minor correction .</p>	
Minor REVISION comments	<p>Abstract: Please provide the justification on synthesis process of Phenacyl triphenylphosphonium and p-nitrobenzyl triphenylphosphonium polymer bound salts with SbF₆⁻ counter ions Please provide the synthesis methodology of this compound Please provide some significant results on characterization of this compound</p> <p>Introduction Please provide some literature supported with current references on the following topics (i) Application of Soluble polymeric phosphonium salts as photoinitiator in different type of synthesis process (ii) photodecomposition of phenacyl triphenyl phosphonium for initiating of different type of polymeric materials</p> <p>Results and discussion Please provide details and technical discussion supported with current references on the following topics: (i) Photopolymerization of selected monomers by salts 2 and 3 (ii) Photolysis of salt 2 and 3 (iii) Reactions of (Polystyryl) diphenyl phosphonium salts with trans stilbene oxide (4).</p>	



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Optional/General comments		
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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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