



SDI Review Form 1.6

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_52463
Title of the Manuscript:	Synthesis, Crystal Structure and Interaction with BSA of two α -aminophosphonic acids derivatives
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>)



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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)
<p>Compulsory REVISION comments</p>	<ol style="list-style-type: none"> 1. Page 1. Line 1 should read “..with Bovine Serum Albumin (BSA) of...”. BSA can then be used in other remaining places. 2. Page 1. Line 6 should read “..were characterized by..” 3. Page 1. Line 6. The full name of the technique acronyms (EA, ESI, etc.) should be mentioned at the very first time. 4. Page 1. Line 11. The ratio was investigated by which technique or method? 5. Page 1. Line 12 should read “Keywords”. 6. Page 1. Line 12. The keywords should include “characterizations”. 7. Page 1. Line 14 should read “The formation of phosphorus-carbon...” 8. Page 1. Line 15 should read “....because the bond plays important role in a wide...” 9. Page 1. Line 15 should read “...and is able to..” 10. Page 1. Line 16 should read “...could act as...” 11. Page 1. Line 17 should read “...herbicides⁵ or antibacterial⁶,...” 12. Page 1. Line 18 should read “....has also been established...” 13. Page 1. Line 20. What does it mean by PTP1B and TCPTP? 14. Page 1. Line 20. The sentence “Do the.....cells?” needs to be revised and rewritten. 15. Page 1. Line 25. BSA contains a variety of coordination groups. What are they? 16. Page 1. Line 26 should read “....could bind to a number of both endogenous and exogenous compounds.” 17. Page 1. Line 27 should read “....compounds. BSA could store and transport certain drugs and small bioactive molecules hence its special attention for drug designs.” 18. Page 2. Line 30. The phrase “...with similar structure to the reported compounds...” is not clear. 19. Page 2. Line 34 should read “...s8). The interaction with BSA were also investigated.” 20. Page2. Line 38 should read “...materials and instrumentations were...” 21. Page 2. Line 42 should read “Detailed information was given...” 22. Page 2. Line 44 should read “From Scheme 1,...” 23. Page 2. Line 45 should read “...with certain modifications^{16, 19, 20}. First,....” 24. Page 2. Line 46 should read “...C₂H₅OH and allowed to react for 2h.” 25. Page 2. Line 47 should read “...were obtained after being cooled...” 26. Page 2. Line 48 should read “....of C₂H₅OH was added into....” 27. Page 2. Line 49 should read “.....base compounds in 20 mL of...” 28. Page 3. Line 70 should read “..Crystal strictures of..” 29. Page 3. Line 71 should read “...were experimented to grow...” 30. Page 3. Line 73 should read “...S1 (shown in supporting..” 31. Page 4. Line 84 should read “..Fig. 1&2, two..” 32. Page 4. Line 86 should read “...activity, similar to the early..” 33. Page 5. Line 88 should read “...Hydrogen bonding network..” 34. Page 5. Line 97 should read “...Hydrogen bonding network..” 35. Page 6. Line 100 should read “..BSA with different concentrations of...” 36. Page 6. Line 101 should read “...were added.” 37. Page 6. Line 104 should read “..BSA with different concentrations of...” 38. Page 6. Line 105 should read “...were added.” 39. Page 6. Line 107 should read “As shown in Fig. 5&6, with the increasing amount of compound 1 and compound 2, the fluorescence..” 	



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	<p>40. Page 6. Line 109 should read "...1&2 could interact with BSA which results in fluorescence quenching."</p> <p>41. Page 6. Line 110-112 should read "...[Q]23 (where F0 and F are fluorescence intensity before and after different amount of 1&2 was added respectively.)"</p> <p>42. Page 6. Line 115 should read "...quenching, meaning that the interaction..."</p> <p>43. Page 7. Line 128 should read "...were of static type."</p> <p>44. Page 7. Line 129 should read "...M-1 and $1.68 \times 10^4 \text{ M}^{-1}$ respectively. Besides, the.."</p> <p>45. Page 7. Line 130 should read "...manifested to reveal that the formation..."</p> <p>46. Page 9. Line 181. The name of the journal must not be italicized, in consistence with other items.</p> <p>47. Page 9. Line 182 should read "J. Am. Chem. Soc." And it must not be italicized, in consistence with other items.</p> <p>48. Page 10. Line 211 should read "..with certain modifications..."</p>	
Minor REVISION comments		
Optional/General comments		

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>	

Reviewer Details:

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