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| Book Name: | [**Recent Developments in Chemistry and Biochemistry Research**](https://www.bookpi.org/bookstore/product/recent-developments-in-chemistry-and-biochemistry-research-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4228** |
| Title of the Manuscript:  | **Synthesis and characterisation of thermotropic liquid-crystalline properties of azomethine dimers** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments |
|  | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | 1. **The benefit of this research is academic and not practical, because most of the compounds did not show liquid crystalline properties, while the other compounds showed the nematic phase only upon cooling.**
2. **Considering the research's past, it is regarded as one of the foundations that are used to interpret the findings of some recent studies that have the same research line.**
3. **Many of the studies' practical applications support their findings, so I urge the scientific community to propose real-world uses that demonstrate the value of these prepared compounds.**
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| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **The title of this article is appropriate and there is no need to replace it.** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | 1. **I suggest it is preferable not to mention the working methods in the abstract.**
2. **In the abstract, it is preferable to refer to the prepared compounds according to the numbers on Scheme 1, page 1390.**
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| **Is the manuscript scientifically, correct? Please write here.**  | **Yes, the manuscript scientifically is correct.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **There are many studies before and after the publication of this research that addressed topics that support the idea of ​​the research, including:**1. **Thaker, B. T., et al. "Substitution Effects on the Liquid Crystalline Properties of Thermotropic Liquid Crystals Containing Schiff Base Chalcone Linkages." Mol. Cryst. Liq. Cryst 515, (2009): 135–147.**
2. **Al-Hamdani, Uhood J., et al. "Synthesis and mesomorphic properties of new methylene-linked linear symmetrical liquid crystal dimers." Molecular Crystals and Liquid Crystals 607.1 (2015): 13-22.‏**
3. **Al-Hamdani, Uhood Jabbar, et al. "Symmetrical and asymmetrical liquid crystal dimers: synthesis, characterisation and mesomorphic behaviour." Liquid Crystals 46.15 (2019):** **2291-2300.**
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| Is the language/English quality of the article suitable for scholarly communications? | **As I speak Arabic, I find the language of the paper to be good and understandable to other nationalities.** |  |
| 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?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** |
| Name: | **Nadia Baqer Hussain** |
| Department, University & Country | **University of Al-Qadisiyah, College of Science, Iraq** |