Dear Editors, please see below the responses in connection with the manuscript revision.

Thank you,

Zhengtao Xu  
  
**Editorial comments:**  
The manuscript has been modified and the updated manuscript, **57455\_R0.docx**, is attached and located in your Editorial Manager account. **Please use the updated version to make your revisions.**  
  
1. Please take this opportunity to thoroughly proofread the manuscript to ensure that there are no spelling or grammar issues.

Checked.

2. Unfortunately, there are a few sections of the manuscript that show significant overlap with previously published work. Though there may be a limited number of ways to describe a technique, please use original language throughout the manuscript. Please check the iThenticateReport attached to this email.

The text has been revised to resolve the issue mentioned.

3. Please define all abbreviations before use.

Done!

4. Please revise the table of materials. The table should be uploaded to your Editorial Manager account in the form of an .xls or .xlsx file.

Done!

5. Please ensure that the references appear as the following:  
Lastname, F.I., LastName, F.I., LastName, F.I. Article Title. Source. **Volume** (Issue), FirstPage – LastPage, doi: DOI (YEAR).  
For more than 6 authors, list only the first author then et al.

Done!

6. Please use standard SI unit symbols and prefixes such as µL, mL, L, g, m, etc., and h, min, s for time units.

Done!

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8. Please provide a short description in addition to the title for each figure.

9. A schematic or a picture of the vacuum gas manifold would be helpful for the readers.

A vacuum gas manifold is well known.

10. Protocol step 1.3: Is THF and DMSO used directly after purchased? If not, please specify the drying procedure in a note.

Exactly, THF and DMSO is used directly after purchased.

11. 1.5: What’s the flow rate of dinitrogen gas? Please specify how much solvent is left in the step.

Use a stream of N2 (0.2 L/min) to blow off, until a dry solid appears.

12. 1.6: Please specify how to store the solid product in a nitrogen atmosphere.

13. 2.2: What is HBT?

2,3,6,7,10,11-hexabromotriphenylene

14. 2.3: What is DMEU?

1,3-Dimethyl-2-imidazolidinone

15. 2.4: Please split this step into three or more steps. What is used to withdraw a small aliquot from the reaction mixture?

Have divided into three steps (2.4～2.6). Use a glass dropper to withdraw a small aliquot of the reaction mixture.

16. 2.8: Please specify if a TLC is used. If yes, please specify Rf value.

Use 1:4 ethyl acetate/petroleum ether to develop the TLC plate, Rf = 0.4.

17. 3.2: What is HVaTT?

2,3,6,7,10,11-hexakis(pentanoylthio)triphenylene

18. 3.4: Is it appropriate to use a vial? Is it safer to use a pressure tube in this step?

Vial is ok, but, for the safety, we can use a Schlenk flask instead.

19. 3.5: How are the crytals transferred to a vial?

The crystals with a little mother liquid were sucked out from the reaction mixture by a glass dropper, and then immediately transferred into a glass vial containing 5 mL airless MeOH. The liquid was decanted and a new portion of airless methanol was injected into the vial as soon as possible.

20. 4.1: What’s the size of the Petri dish?

diameter 35 mm and depth 10 mm

21. Scheme 1: Please make this as a figure.  
Done!