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Corrigendum

Corrigendum to “Channel-dependent conformations of single-strand polymers in organic networks composed of tetrapodal adamantanes with *N*-heterocyclic moieties” [Tetrahedron Lett. 55 (2014) 5789–5792]



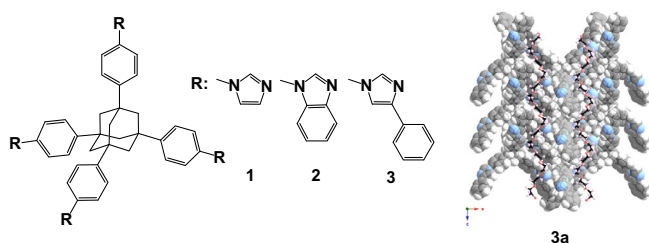
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The authors regret that there was inaccurate structural determination of **3a** in the graphical abstract, Figure 6 (page 5791) and Figure 7 (page 5792) in our original Letter. A carbon and a nitrogen atom of the imidazole parts in crystal **3a** were assigned incorrectly during structural refinement. We have refined the crystal structure after assigning these atoms correctly. Consequently, the framework of the molecular network bearing screw-type channels and the conformation of the included polymers remain essentially unchanged. The corrections made to the crystal structure are shown below.

Graphical abstract



We have corrected the crystal structure by reversing the incorrectly assigned carbon and nitrogen atoms in the imidazole moieties, which resulted in the correct CH/ π interaction between the

imidazolyl and phenyl groups (distances between the carbon atom of the imidazolyl groups and the ring center of the phenyl rings were 4.28 Å). In addition, we identified CH/N interactions between the imidazolyl and phenyl groups, where the distance between the nitrogen atoms of the imidazolyl groups and carbon atoms of the phenyl groups was 3.68 Å. These changes have no serious influence on the network structure we discussed in our original Letter. The crystal structure and data for **3a** in Figure S5 of the Supplementary data have also been corrected.

We sincerely apologize for any inconvenience that we have caused.

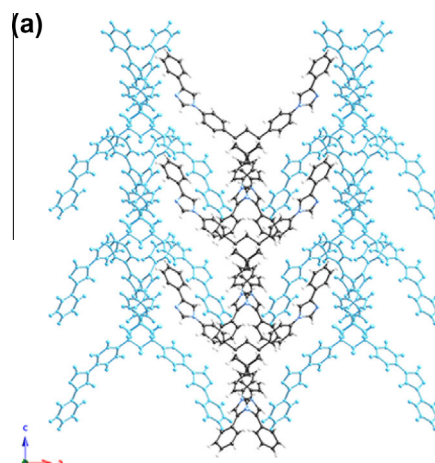


Figure 6. Crystal structure of tetrapodal adamantane with phenylimidazole parts **3a**. (a) Interdigitated columnar structure and (b) a screw-shaped channel in **3a**. PEG and chloroform molecules were omitted for clarity.

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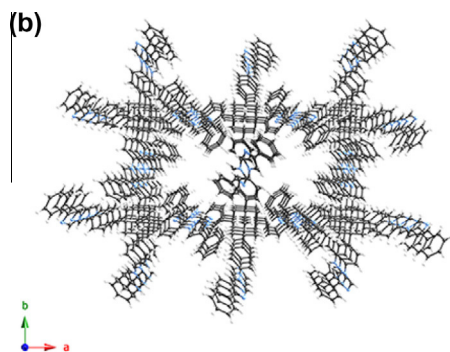


Fig. 6 (continued)

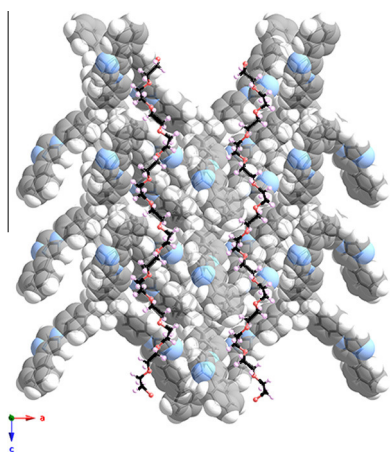


Figure 7. Single-strand polymers in crystal structure **3a**. Chloroform molecules were omitted for clarity.

Supplementary data

Supplementary data associated with this article can be found, in the online version, at <http://dx.doi.org/10.1016/j.tetlet.2015.05.046>.