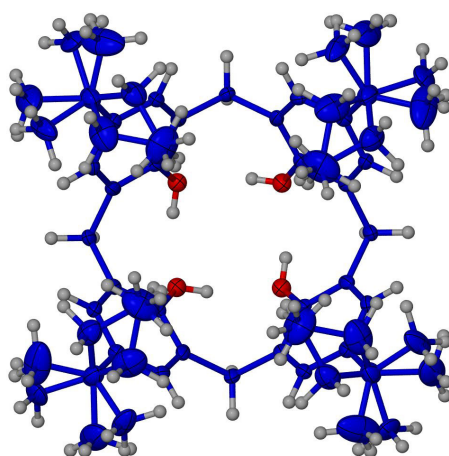


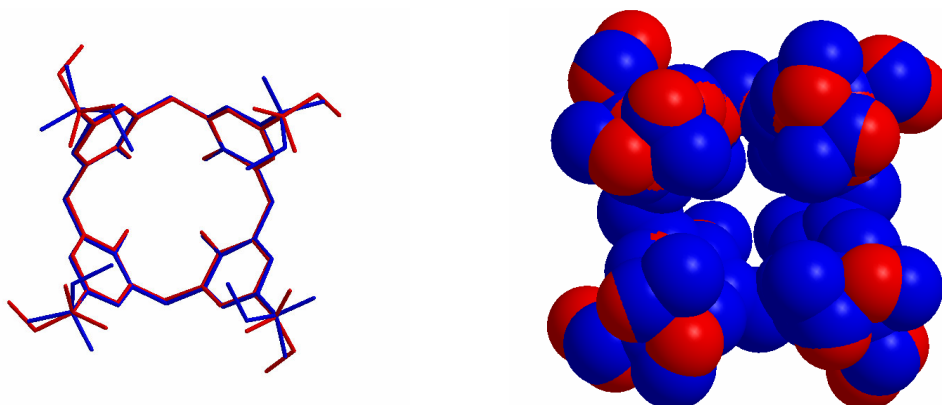
**Supplementary information for Chemical Communication**

**Crystal engineering of nonporous organic solids for methane sorption**

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Ortep diagram of **2**. Notice the pentyl groups are disordered over two positions.



Overlay diagram of **2** and **2.toluene**. Notice the *tert*-pentyl groups are pointing inside in **2** (Blue) whereas outwards in **2.toluene** (Red)