

Supplementary Information

1. Figure showing solvent encapsulated by four TBOC[3] molecules.

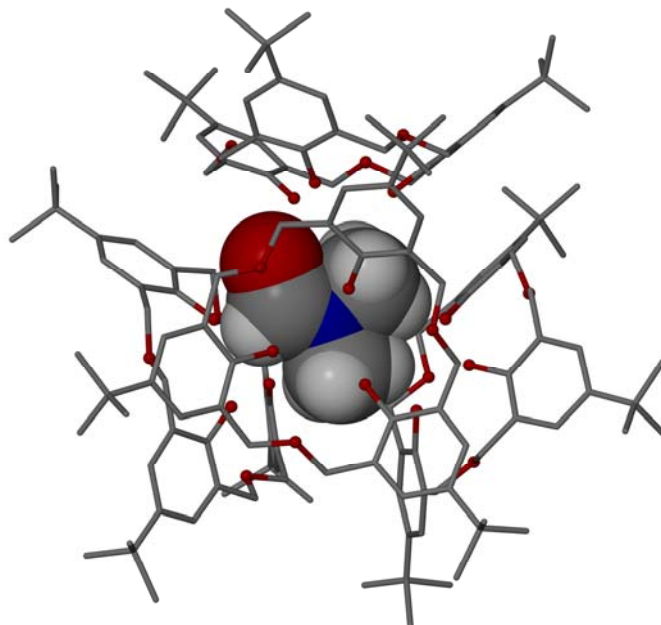


Figure S2. Part of the extended structure of the TBOC[3] DMF solvate showing four calixarenes packing around one DMF molecule (shown in space filling mode).

2. Ac susceptibility studies in the 1.8-10.0 K range in a 3.5 G field oscillating at frequencies up to 1000 Hz.

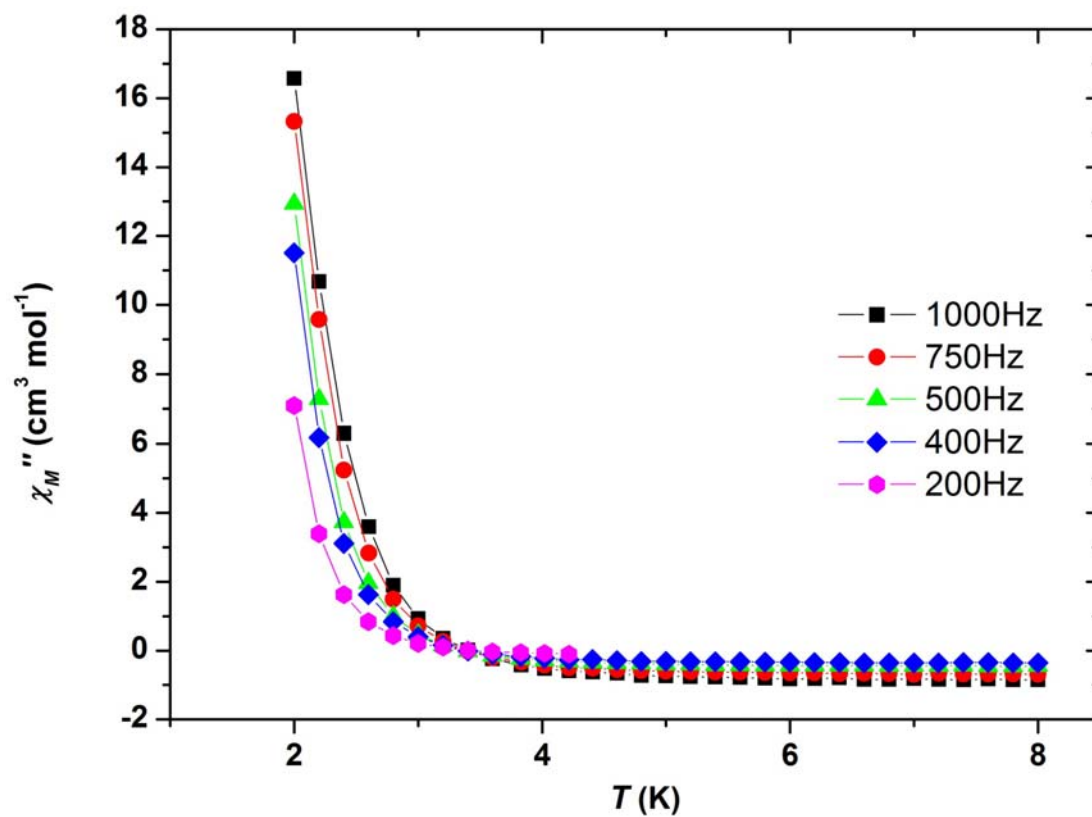


Figure S2. Plot of the out-of-phase (χ_M'') ac susceptibility versus temperature for **1** at the indicated frequencies.