



STRUCTURAL  
CHEMISTRY

**Volume 77 (2021)**

**Supporting information for article:**

**Alkali and alkaline earth coordination polymers constructed from benzene-1,2,4,5-tetracarboxylic acid and flexible dicarboxylate acid ligands: syntheses, structures and spectroscopic and thermal properties**

**Said Lifa, Chahrazed Trifa, Sofiane Bouacida, Chaouki Boudaren and Merazig Hocine**

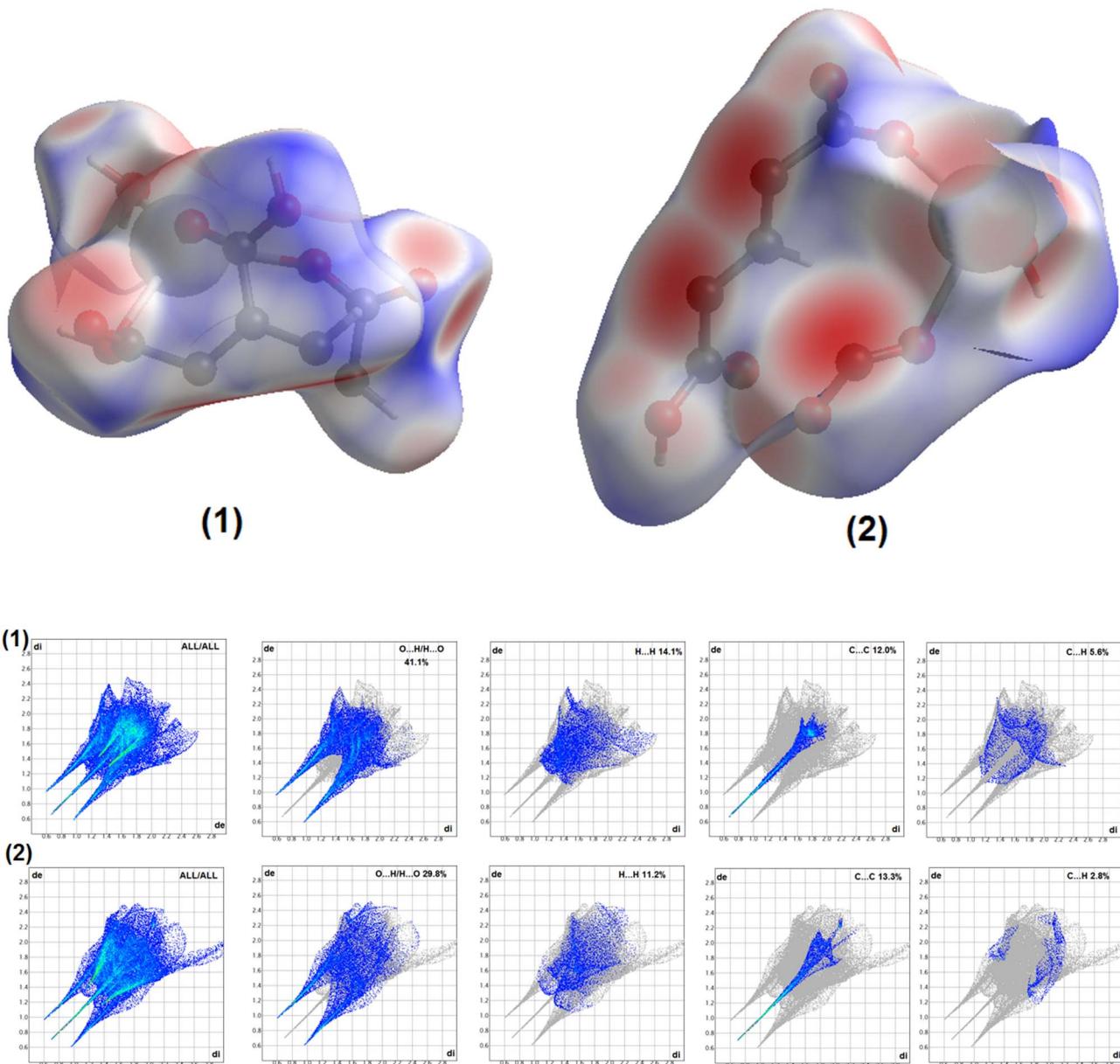


Fig. S1.

(a) Views of the 3D Hirshfeld surface mapped over  $d_{\text{norm}}$ ; (b) the 2D fingerprint plots and the relative contributions to the Hirshfeld surface area of the various close intermolecular contacts in compounds (1) and (2).

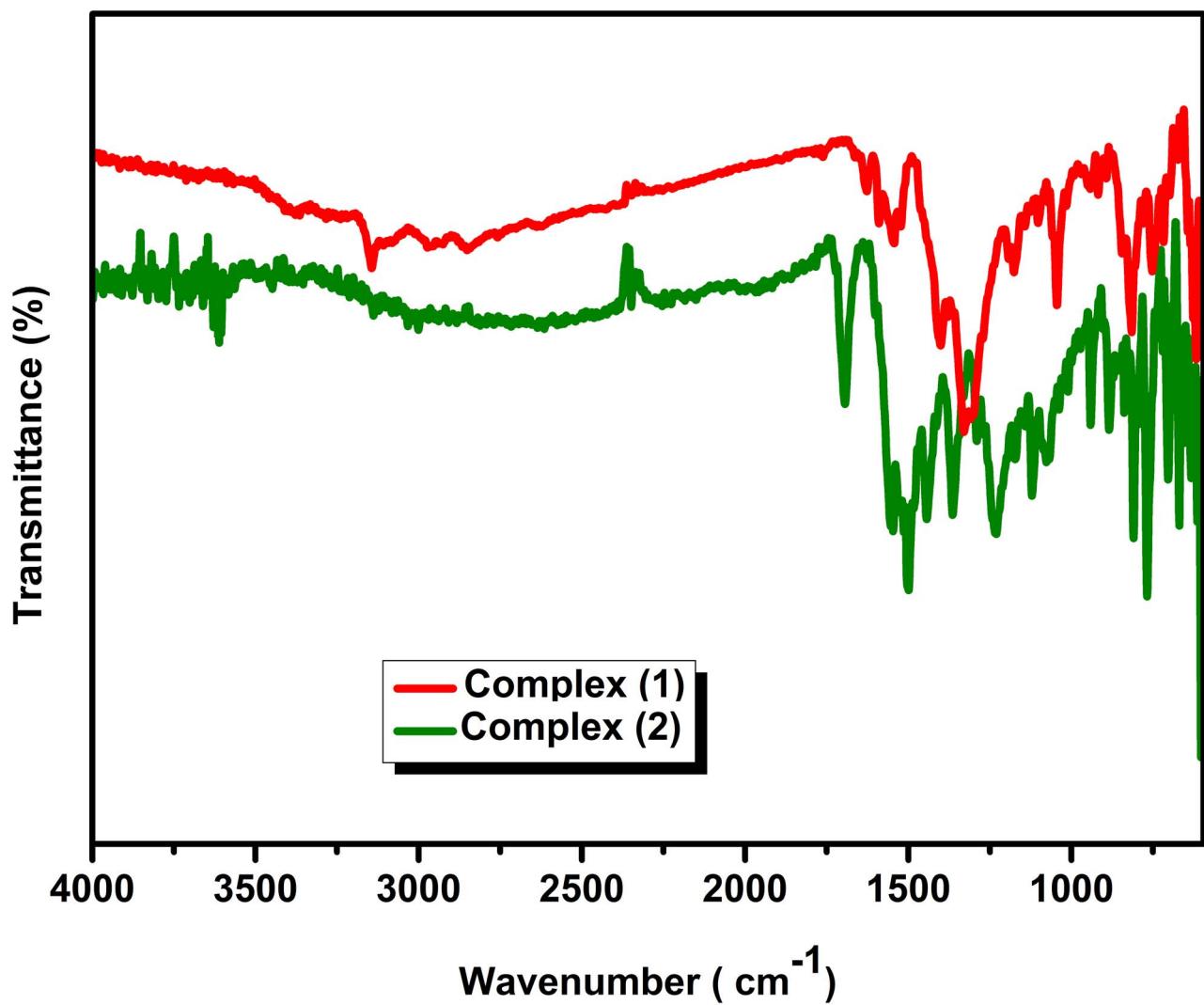


Fig. S2.

The IR spectra of compounds (1) and (2).

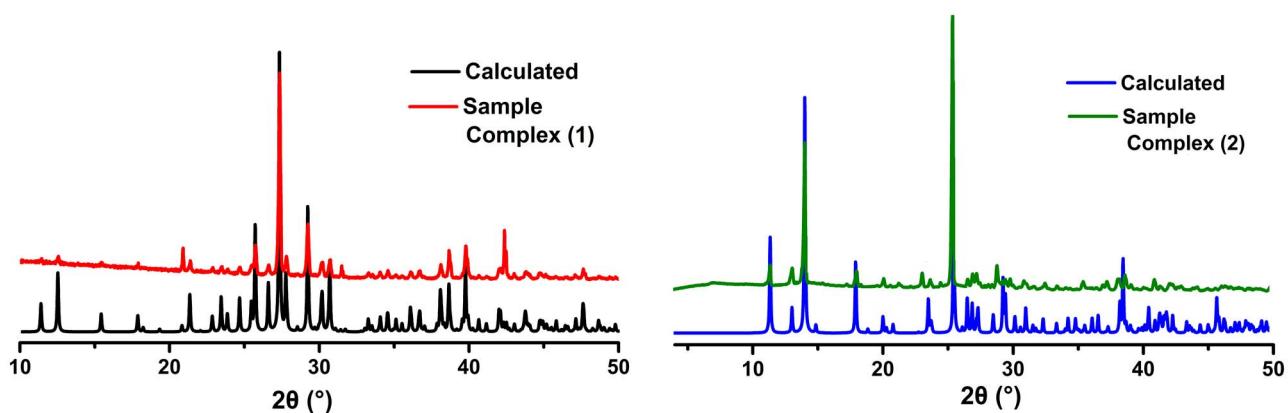


Fig. S3.

Experimental and simulated X-ray diffraction patterns for compound (1) and (2).

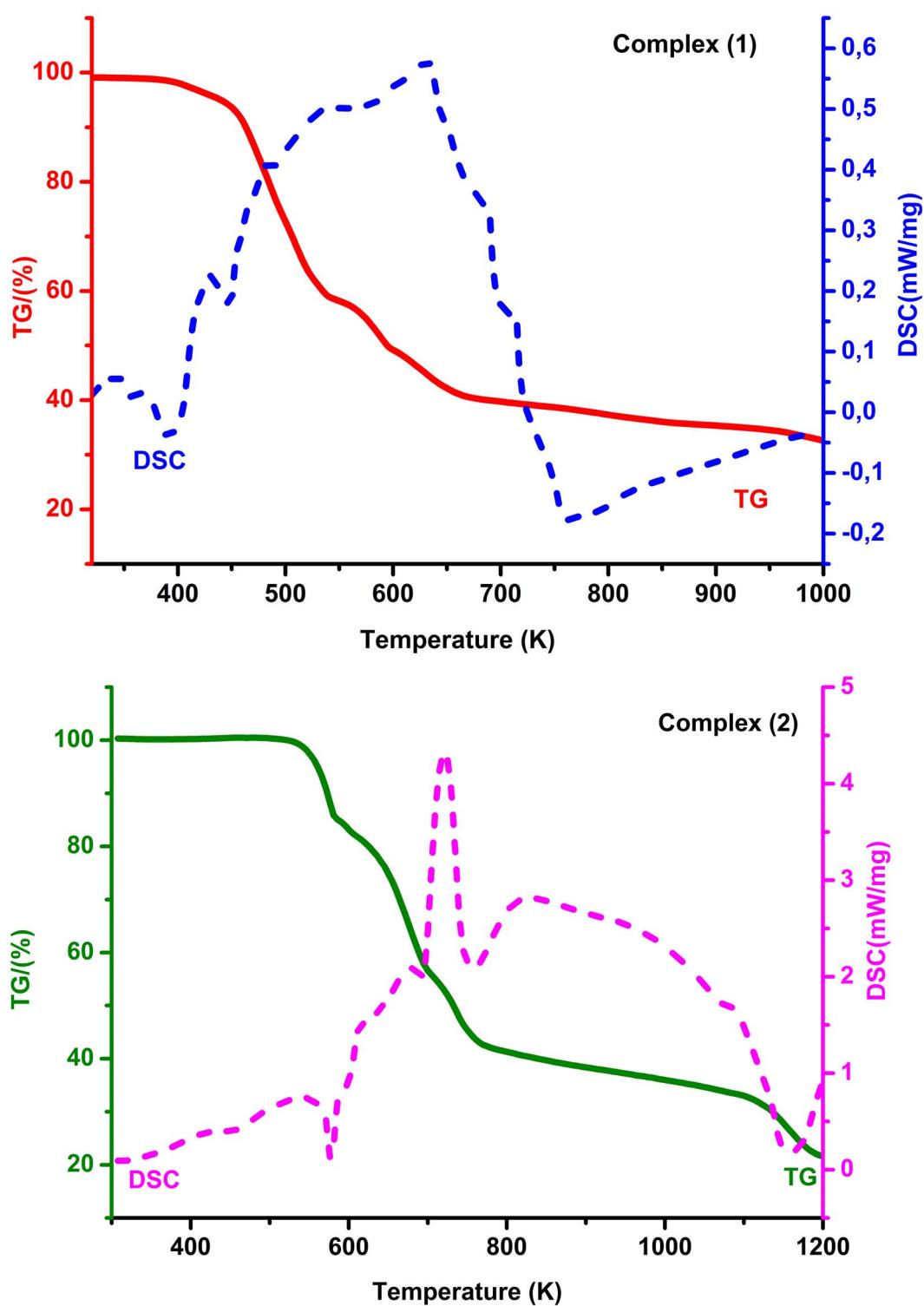


Fig. S4.

The TG-DSC curves of (a) compound (1) and (b) compound (2).

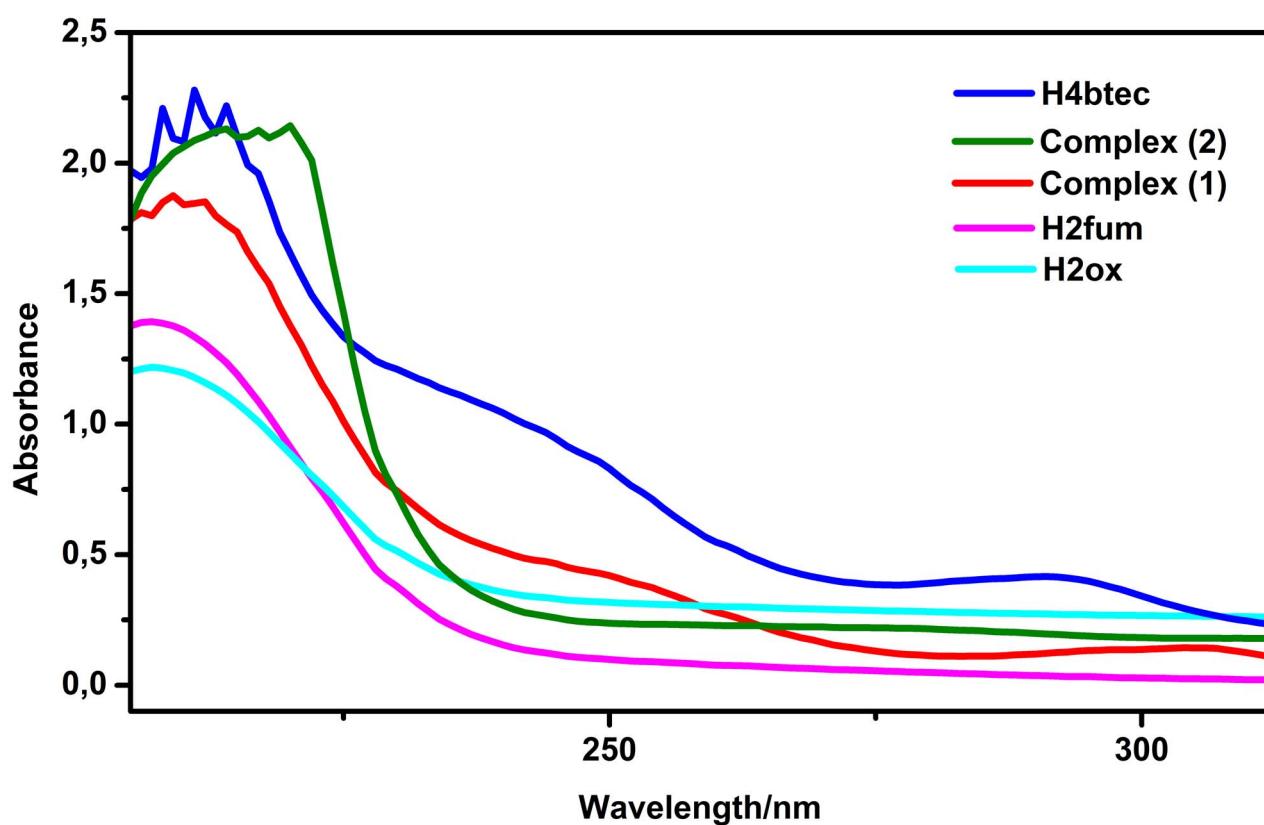


Fig. S5.

The UV-Vis spectra of H<sub>4</sub>BTEC, H<sub>2</sub>fum, H<sub>2</sub>ox, compound (1) and compound (2)