

Supporting Information

➤ Thermogravimetric Analysis :

Figure S1: A thermogravimetric analysis of complex [Tb(Htpabn)], 6H₂O displays the first weight loss of 12.16% between 30 and 110°C corresponding of the loss of the 6 H₂O molecules (calculated : 12.10%). Then the decomposition of the complex starts above 250°C.

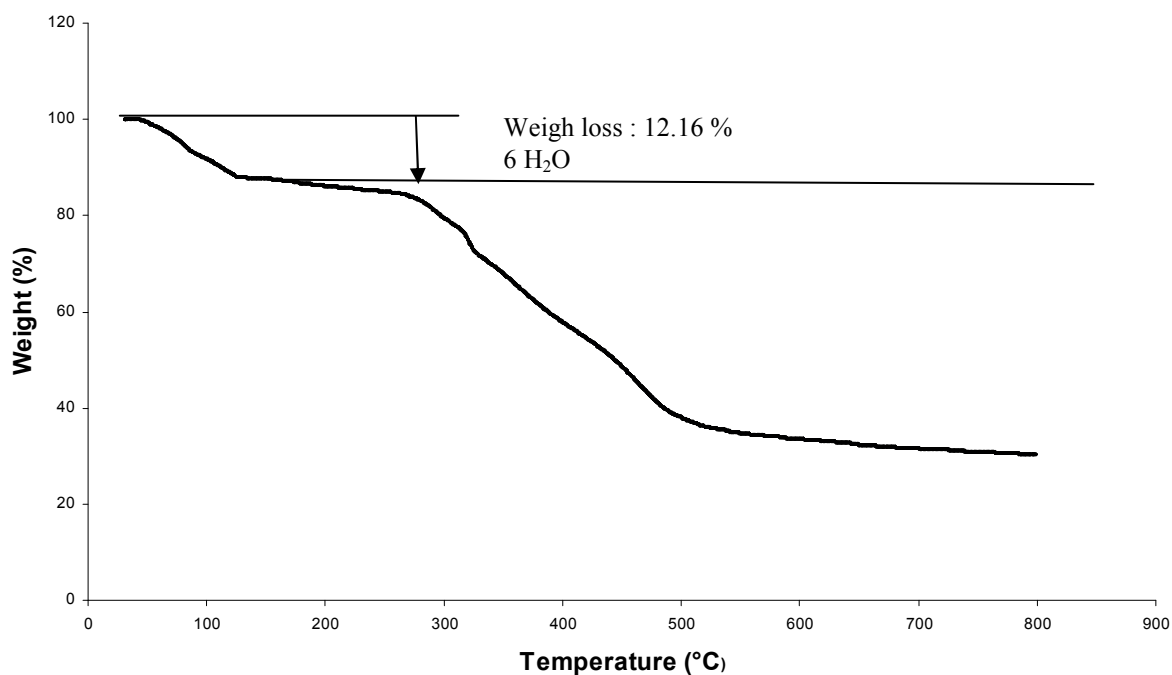


Figure S2: View of the two-dimensional hydrogen-bonded framework formed by the water molecules situated in the (10-1) plane; the O...O distances up to 2.81 Å are shown by solid lines.

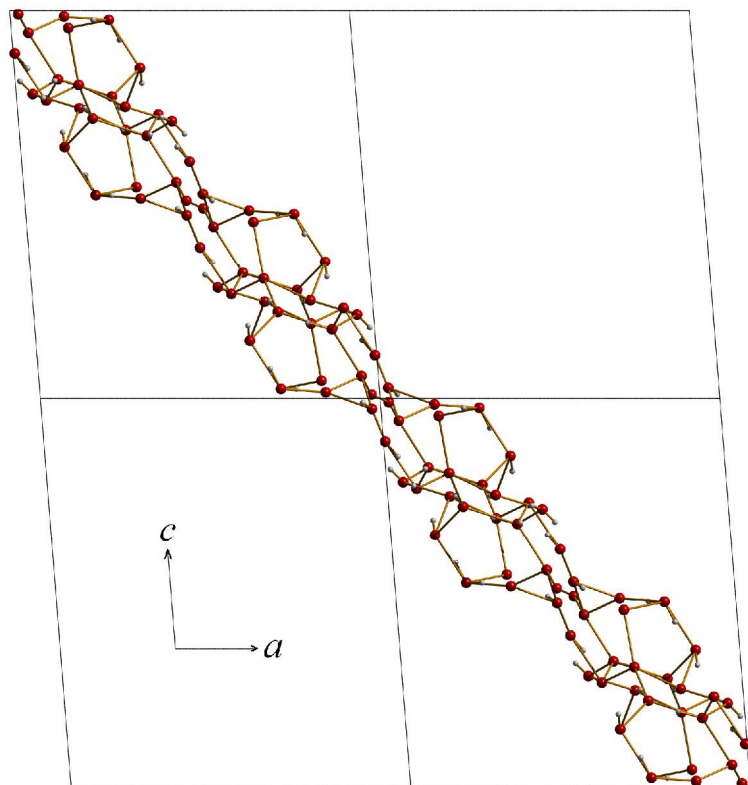


Figure S3: View of the two-dimensional framework formed by the water molecules along the a-c diagonale.

