

# Accepted Manuscript

Magnetic and photophysical properties of new Tb<sup>III</sup>-based two-dimensional hydrogen-bonded polymer

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PII: S0022-2860(18)31159-1

DOI: [10.1016/j.molstruc.2018.09.077](https://doi.org/10.1016/j.molstruc.2018.09.077)

Reference: MOLSTR 25711

To appear in: *Journal of Molecular Structure*

Received Date: 4 July 2018

Revised Date: 24 September 2018

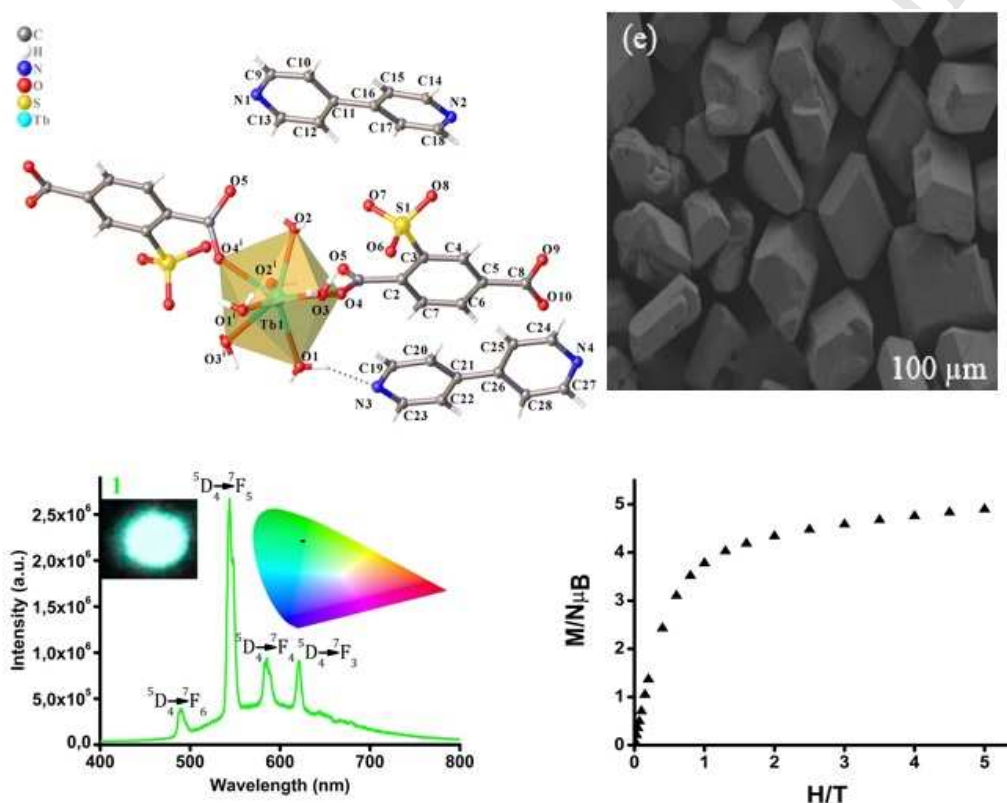
Accepted Date: 26 September 2018

Please cite this article as: M.B. Coban, Magnetic and photophysical properties of new Tb<sup>III</sup>-based two-dimensional hydrogen-bonded polymer, *Journal of Molecular Structure* (2018), doi: <https://doi.org/10.1016/j.molstruc.2018.09.077>.

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## Graphical Abstract

A new terbium<sup>III</sup>-based 2D hydrogen-bonded polymer was hydrothermally synthesized and characterized by FT-IR and UV-Vis spectroscopy, elemental analysis and X-ray diffraction and Field emission scanning electron microscopy. Solid State Photoluminescence and magnetic properties were also studied.



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