

Synthesis and Characterization of Coordination Compound $[\text{Eu}(\mu_2\text{-OC}_2\text{H}_5)(\text{btfa})(\text{NO}_3)(\text{phen})]_2\text{phen}$ with High Luminescence Efficiency

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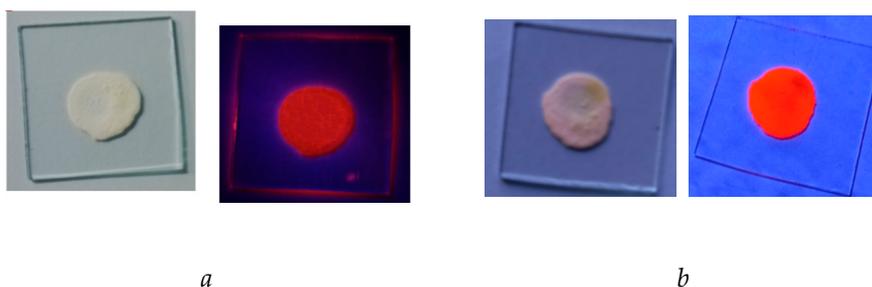


Figure S1. Photographic images, representing the powder sample kept in the air over a three year period: (a) the images taken in 2018; and (b) the images taken in 2022. Each left image in the pair represents the sample under day-light illumination; the right image - the sample under blue-light irradiation. Apparently, there is no evident difference in the brightness of the luminescence.

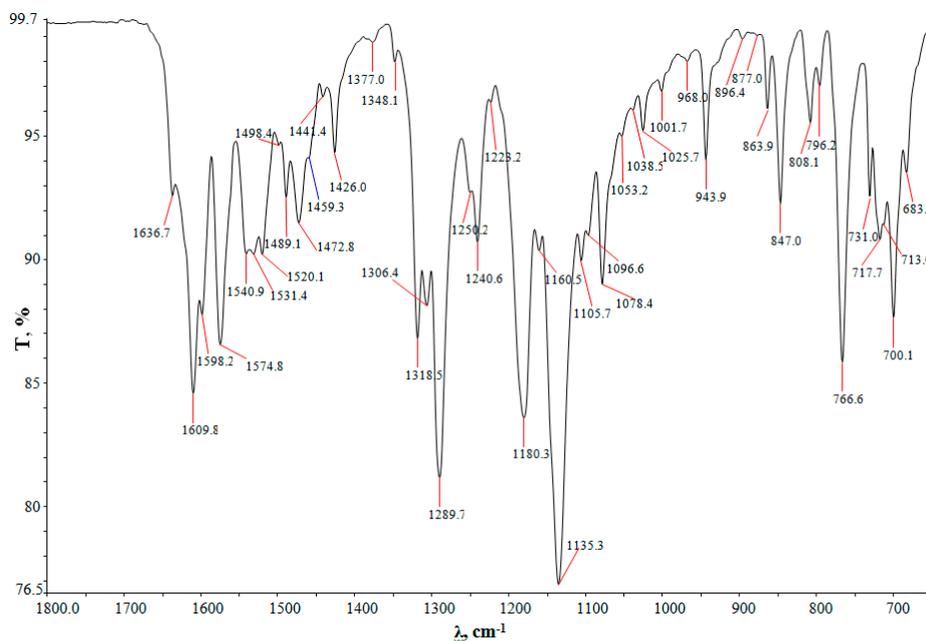


Figure S2. The IR spectrum of the complex $[\text{Eu}(\mu_2\text{-OC}_2\text{H}_5)(\text{btfa})(\text{NO}_3)(\text{phen})]_2\text{phen}$.

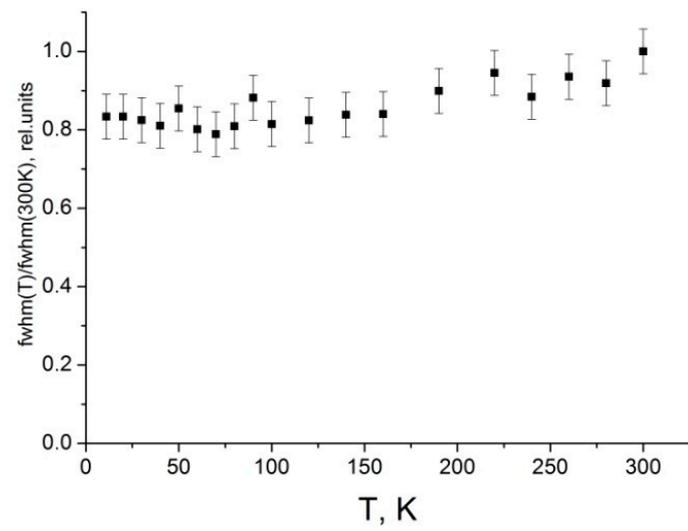


Figure S3. Illustration of narrowing trend of the 5D_0 - 7F_0 bands with cooling down the sample.