

SUPPORTING INFORMATION

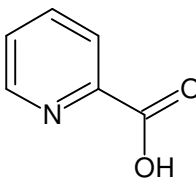


Figure S1. Structure of picolinic acid.

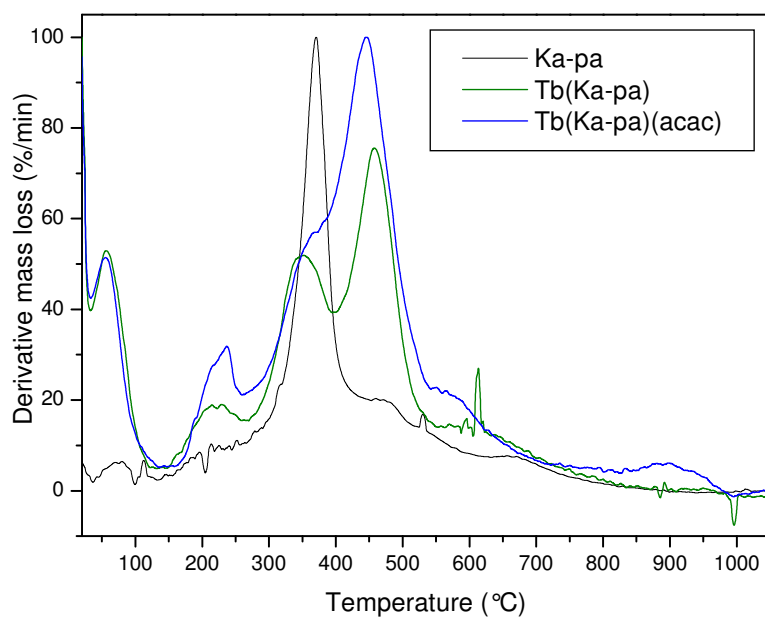


Figure S2. DTG curves of Ka-pa, Tb(Ka-pa), and Tb(Ka-pa)(acac) performed in O₂ atmosphere.

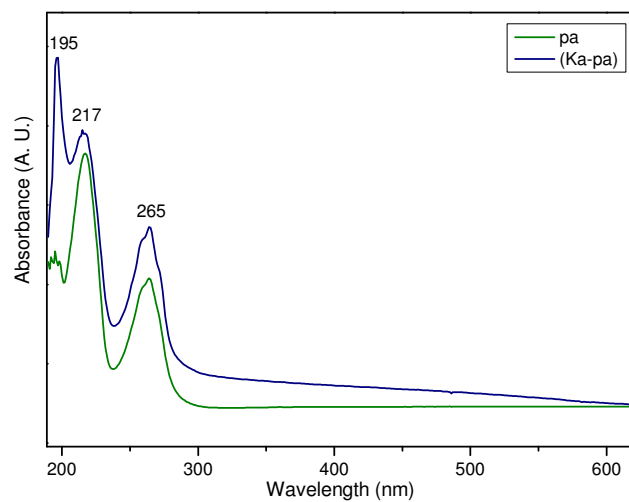


Figure S3. UV-Vis spectra of the picolinic acid, pa (in ethanolic solution) and Ka-pa solid.

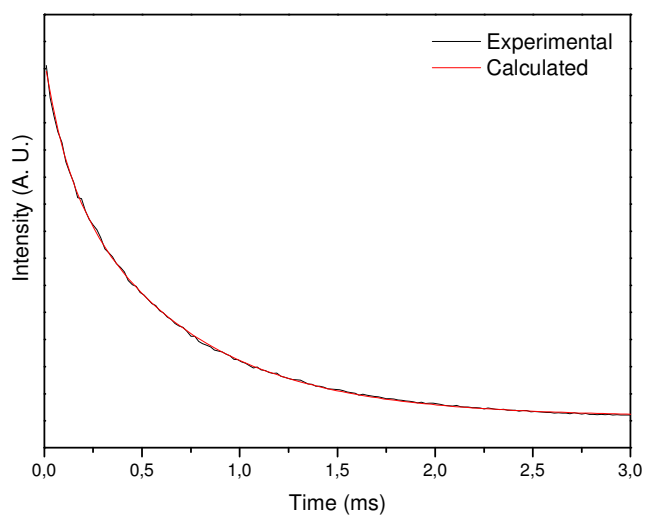


Figure S4. Photoluminescence decay for Tb(Ka-pa), λ_{ex} =277 nm and λ_{em} =545 nm.

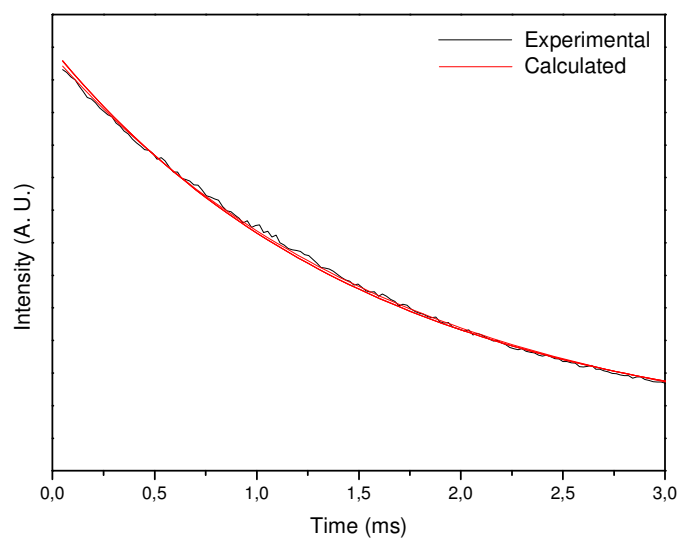


Figure S5. Photoluminescence decay for Tb(Ka-pa)(acac), $\lambda_{\text{ex}}=277$ nm and $\lambda_{\text{em}}=545$ nm.

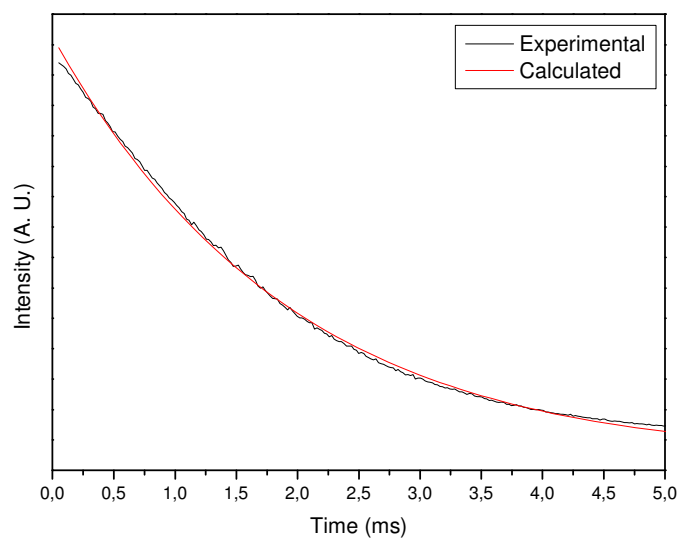


Figure S6. Photoluminescence decay for Tb(Ka-pa)(acac), $\lambda_{\text{ex}}=315$ nm e $\lambda_{\text{em}}=545$ nm.