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SUPPLEMENTARY INFORMATION

Active layer solution-processed NIR-OLEDs based on ternary erbium(III) complexes with 1,1,1-trifluoro-2,4-pentanedione and different N,N-donors

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Photoluminescence studies in solution

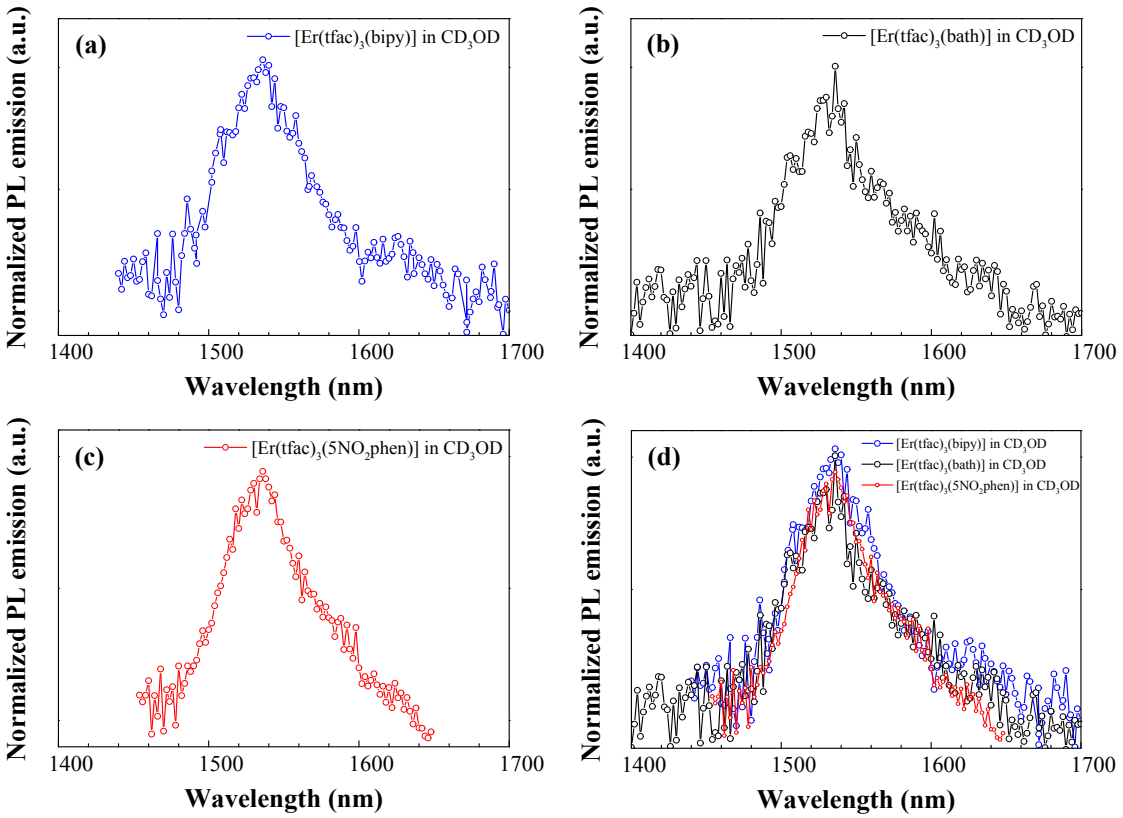

Figure S1. PL emission in the near-infrared region (upon excitation of the organic ligands in the UV region, λ_{exc}=337 nm) in CD_3OD solutions (0.015 M): (*a*) [Er(tfac)$_3$(bipy)], (*b*) [Er(tfac)$_3$(bath)], (*c*) [Er(tfac)$_3$(5NO$_2$phen)] and (*d*) comparison of the normalized spectra for the three complexes.