AMPED: a new platform for picolinate based luminescent lanthanide chelates

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Supplementary Information

Figure S1. $^1$H-$^1$H NOESY spectrum of LH$_3$ in D$_2$O (25°C, 400 MHz).
Figure S2. Evolution of the emission spectra of a solution of L upon addition of EuCl₃·6H₂O (λₑₓᶜ = 265 nm, TRIS/HCl, 0.01 M, pH = 7.4). Inset: Evolution of the emitted intensity at 615 nm.
Figure S3. ES' / MS spectrum of the [EuL] complex in water (top) and enlargement of the major peak with the simulation for [EuL+Na]^+ (bottom).
Figure S4. ES/MS spectrum of the [TbL] complex in water (top) and enlargement of the major peak with the simulation for [TbL+Na]+ (bottom).
Figure S5. Views of the frontier MOs of [EuL] obtained from DFT calculations in aqueous solution shown with an isosurface value of 0.03 a.u.