

SPECTROSCOPIC CHARACTERIZATION OF SCHIFF BASE-COPPER COMPLEXES IMMOBILIZED IN SMECTITE CLAYS[#]

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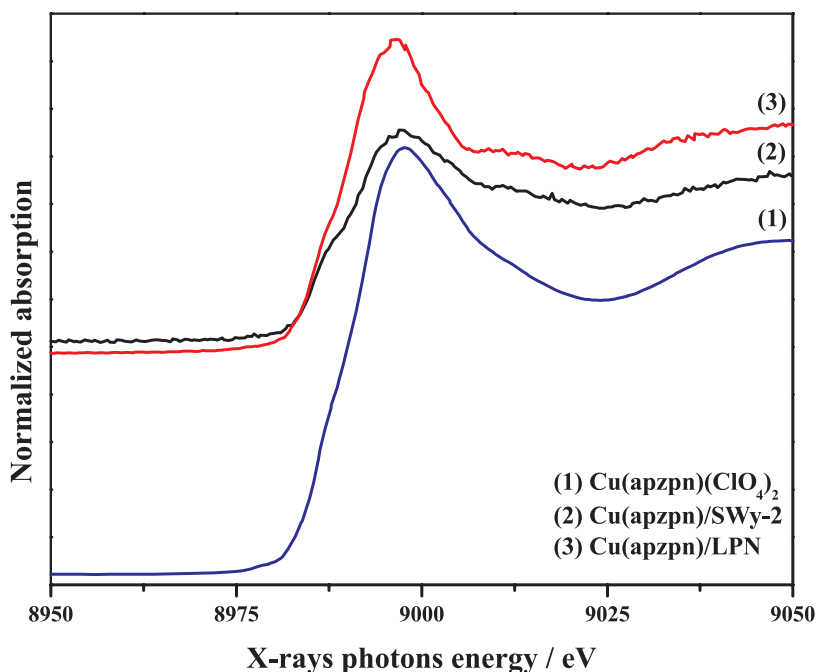


Figure 1S. XANES spectra of the metallic complex [Cu(apzpn)](ClO₄)₂ free (transmittance) and immobilized in the clays SWy2-Na and Laponite RD (fluorescence). (1) [Cu(apzpn)](ClO₄)₂, (2) [Cu(apzpn)]/SWy-2 and (3) [Cu(apzpn)]/LPN

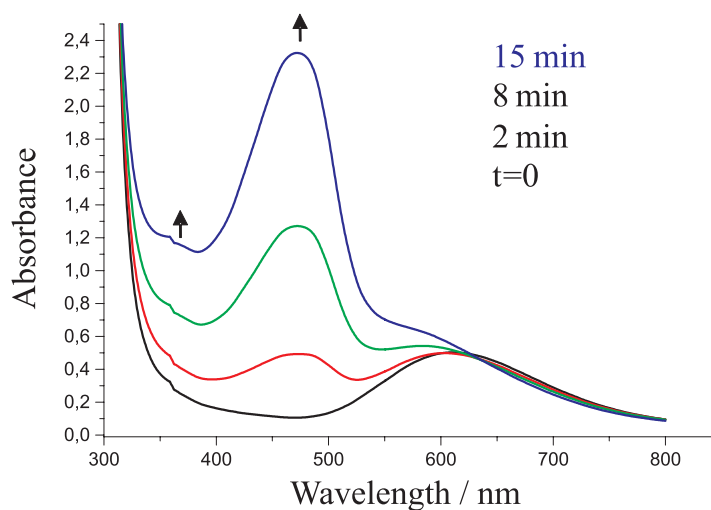


Figure 2S. UV/Vis electronic spectra with time of aqueous solution of [Cu(pyalen)]²⁺ complex in contact with amalgamated zinc bead at room temperature

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[#]Dedicated to Professor Hans Viertler on the occasion of his 70th birthday.

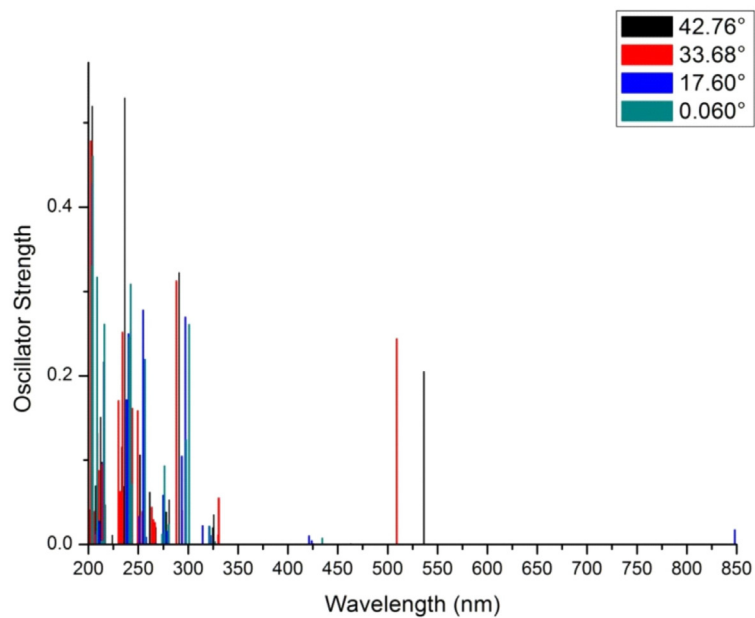


Figure 3S. Theoretical UV/VIS spectra obtained into four different geometries (shown in Figure 4a, 4b, 4c and 4d for the $[\text{Cu}(\text{pyalen})]^+$ complex), labeled by the respective torsion angles

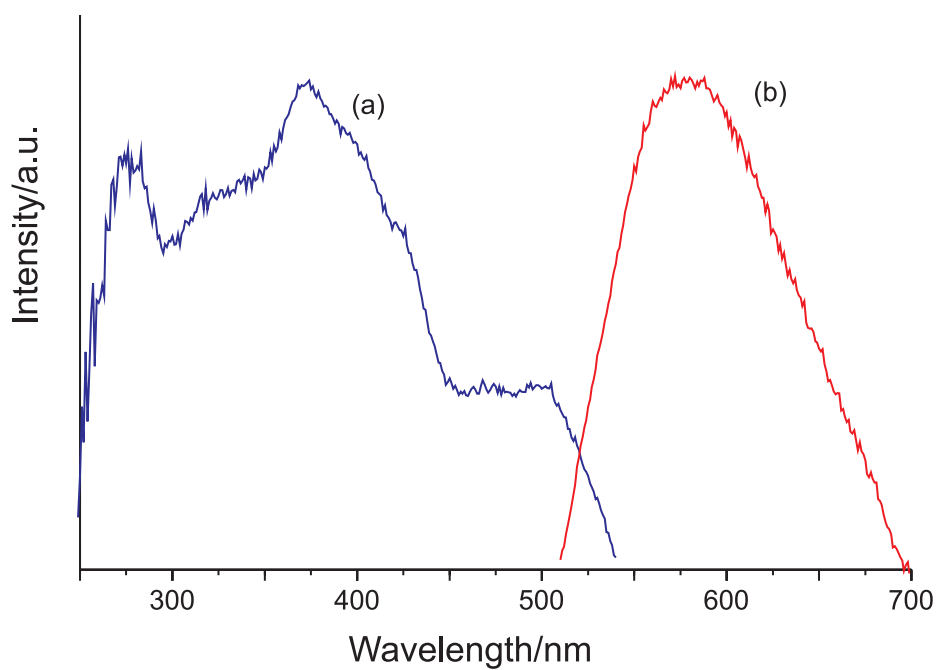


Figure 4S. Excitation (a) and emission (b) spectra of $[\text{Cu}(\text{apzpn})]/\text{LPN}$, solid state at 298 K