

Supporting Information

Synthesis and characterisation of a novel Europium(III)-containing heptaisobutyl- POSS

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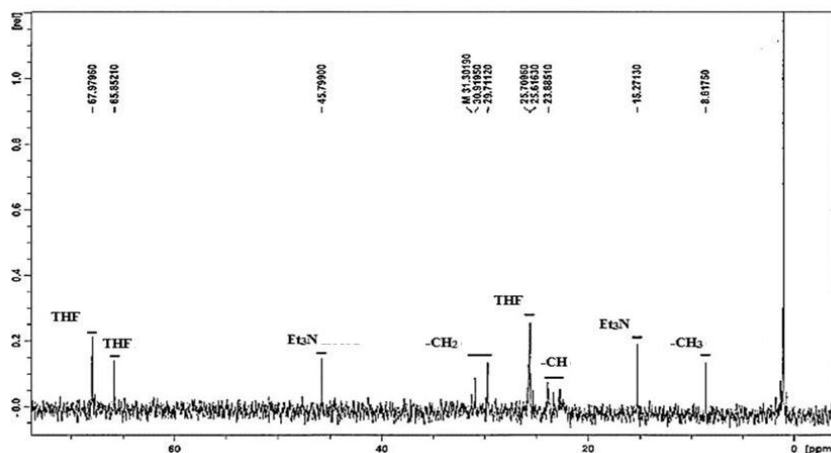


Figure S1. ¹³C-NMR spectrum of Eu(III)-POSS in CDCl₃ solvent.

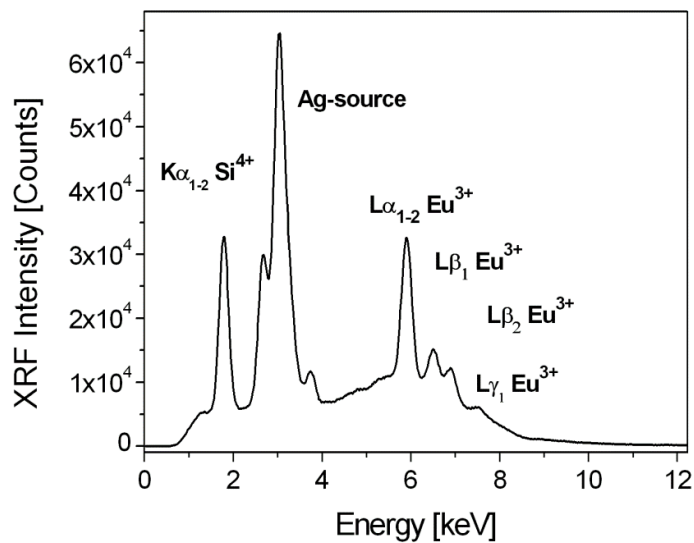


Figure S2. XRF analysis of Eu(III)-POSS sample.

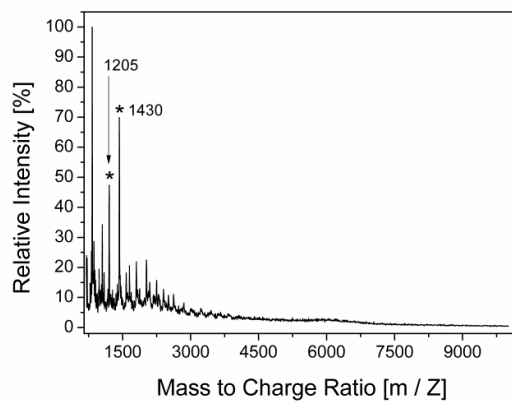


Figure S3. Mass spectrum of Eu(III)-POSS, incorporated in a resin of sinapinic acid.

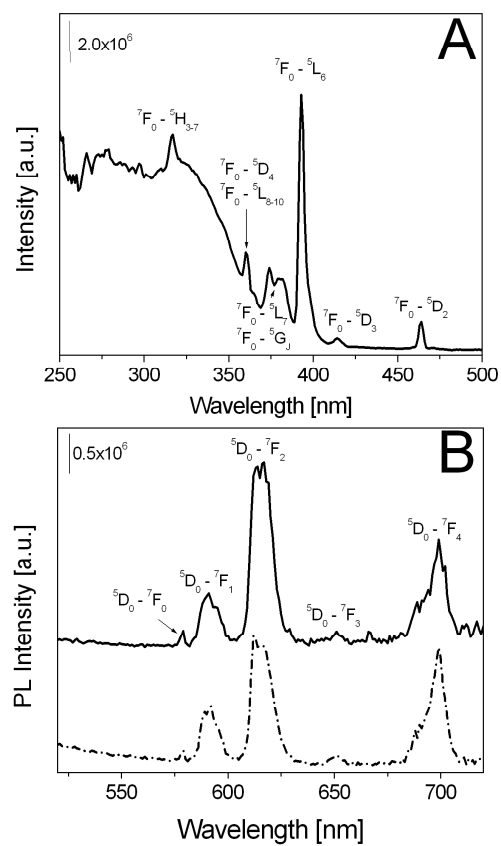


Figure S4. A) Excitation spectrum of Eu(III)-POSS at the solid state around the most intense emission line of Eu^{3+} at $\lambda_{\text{em}} = 615 \text{ nm}$; B) emission spectra of Eu(III)-POSS under irradiation at 320 nm (solid curve) and 395 nm (dash line).