## **Electronic Supplementary Information (ESI)**

# Enhanced 1.54 $\mu m$ luminescence of perfluorinated erbium complex sensitized by perfluorinated Pt(II) and Zn(II) phthalocyanines with 980 nm emission

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Keywords: 1.5 μm luminescence, sensitizer showing 980 nm emission, perfluorination, erbium complex, metallophthalocyanines

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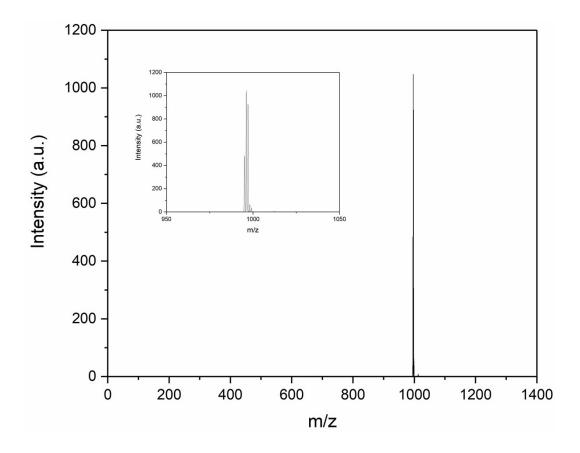


Figure S1 MALDI-TOF mass spectrum for  $F_{16}PtPc$ 

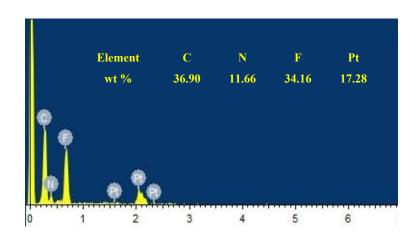


Figure S2 EDS result for  $F_{16}PtPc$  crystal

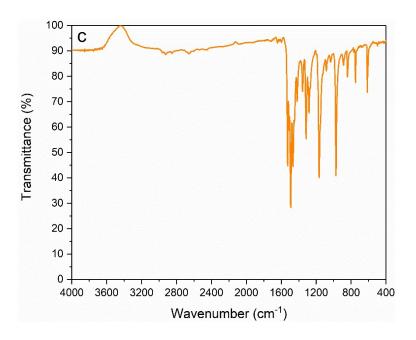


Figure S3 IR spectrum for F<sub>16</sub>PtPc