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Electronic supplementary information

Tuning the Semiconducting Nature of Bis(phthalocyaninato) Holmium Complexes via Peripheral Substituents

Yanli Chen,*[a] Dapan Li,[a] Na Yuan,[a] Jian Gao,[a] Rongmin Gu,[a] Guifen Lu,[c] Marcel Bouvet *[b]

[a] *Shandong Provincial Key Laboratory of Fluorine Chemistry and Chemical Materials, School of Chemistry and Chemical Engineering, University of Jinan, Jinan, China.*
[b] *Institut de Chimie Moléculaire de l'Université de Bourgogne, CNRS UMR 5260, Université de Bourgogne, Dijon, France.*
[c] *School of Chemistry and Chemical Engineering, Jiangsu University, Zhenjiang, P.R.China*

Table S1. HOMO and LUMO energies of compounds **1-2** estimated from cyclic voltammetry.[a]

Compound	E_{Red1}/V [a]	E_{Red2}/V [a]	HOMO[b]	LUMO[b]
$HoPc[Pc(OPh)]_8$ (**1**)	+0.12	–1.02	–4.56	–3.42
$Ho[Pc(OPh)_8]_2$ (**2**)	+0.16	–0.98	–4.60	–3.46

[a] Taken from ref 1.

[b] HOMO and LUMO energy estimated by taking the SCE energy to be -4.44eV below the vacuum level from the following relationship: HOMO (eV)= – 4.44eV–e E_{Red1}, LUMO (eV)= – 4.44eV– e E_{Red2}.

References

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