Electronic supplementary information

for

Platinum(II) acetylide complexes with star- and V-shaped configurations possessing good trade-off between optical transparency and optical power limiting performance†

Chunliang Yao, Zhuanzhuan Tian, Deyuan Jin, Feng, Zhao, Yuanhui Sun, Xiaolong Yang,

Guijiang Zhou, * Wai-Yeung Wong *
Fig. S1 Optical path for the Z-scan measurement.
Fig. S2 (a) Chemical structures of DEB-Pt-Ph and DEB-Pt-B. (b) UV-vis absorption spectra for TEB-Pt-Ph, TEB-Pt-B, DEB-Pt-Ph and DEB-Pt-B in CH₂Cl₂ at 298 K.
Fig. S3 PL spectra for the Pt(II) acetylides in the 5-wt% doped PMMA film at 298 K.
Fig. S4 Z-scans data and their theoretical fitting results for the Pt(II) acetylides.
Fig. S5 Comparison of the OPL properties among TEB-Pt-Ph, TEB-Pt-B, DEB-Pt-Ph and DEB-Pt-B at the same linear transmittance ($T_o$ at ca. 90%).