Electronic Supporting Information (ESI)

Simple CBP isomers with high triplet energies for highly efficient blue electrophosphorescence

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Table S1 Crystal data of ***o*-CBP.**

***o*-CBP**	
Chemical formula	$C_{36}H_{24}N_2$
Formula Mass	484.57
Crystal system	monoclinic
a/Å	8.2215(5)
b/Å	18.0008(11)
c/Å	17.3401(11)
α/°	90.00
β/°	100.4060(10)
γ/°	90.00
Unit cell volume/Å^3	2524.0(3)
Temperature/K	292(2)
Space group	$P2(1)/c$
Z	4
Radiation type	MoKα
μ/mm^{-1}	0.074
F(000)	1016
No. of reflections measured	19886
No. of independent reflections (R_{int})	5503 (0.0545)
$R(F)$, wR_2 [I > 2σ(I)]	0.0536 (0.1088)
$R(F)$, wR_2 (all data)	0.0941 (0.1220)
Goodness of fit on F^2	0.939
CCDC number	CCDC 846417

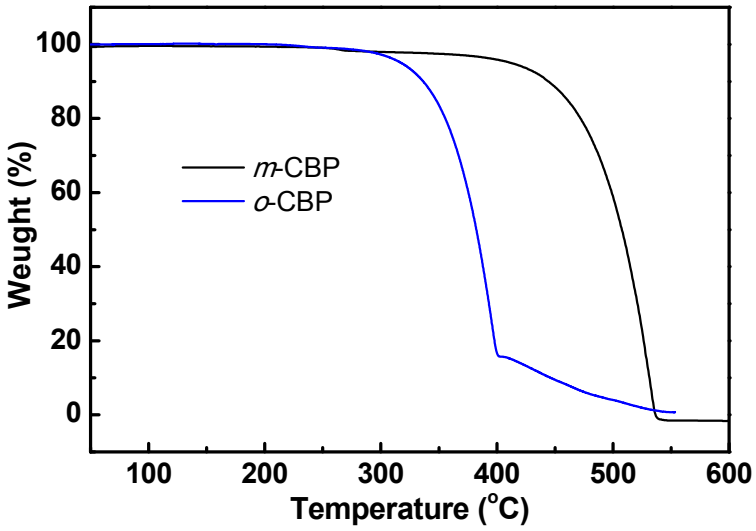

Fig. S1 TGA traces of ***m*-CBP** and ***o*-CBP** recorded at a heating rate of 10 ^{o}C min^{-1}.

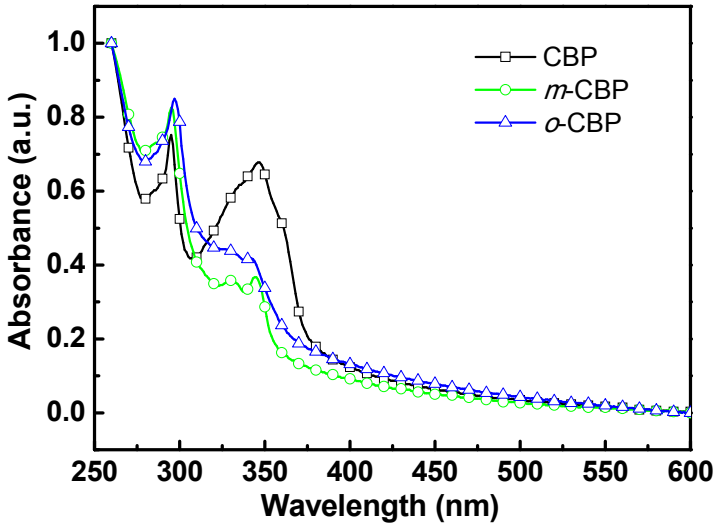

Fig. S2 UV-vis absorption of **CBP, *m*-CBP** and ***o*-CBP** in film state.