





(2,2'-bipyridine)(Dicyanido)Platinum(II) with a Linear-chain Structure (+)















Pt…Pt = 3.36 Å















## The Plot of the Emission Energy for $[Pt(CN)_2(H_2dcbpy)]$ in the Solid State Against the Dipole Moment of Vapor Molecules







Crystal Structure of  $Na_2[Pt(CN)_2(dcbpy)] \cdot 2H_2O$  (1C)

























Emission and Absorption Spectra of [Pt(CN)2(dC9bpy)] in Toluene at RT 0.6 Excimer 0.5 emission භ<sup>0.4</sup> Emission absorban 7.0 2.2 × 10<sup>-4</sup> M τ = 0.1μs Intensity 8.8×10<sup>-6</sup>M 0.1 350 450 750 850 250 550 650 λ/nm  $\lambda_{ex} = 340$ nm **2031**0/11/9 2010/11/9 33



 $\lambda / nm$ 



