

ABSTRACT

5 1 4 6 DEP 12  
ORIGINAL  
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3-COORDINATE COPPER (I) - CARBENE COMPLEXES

Novel phosphorescent trigonal copper carbene complexes are provided. The complex comprise a carbene ligand coordinated to a three coordinate copper atom. The complex may be used in organic light emitting devices. In particular, the complexes may be especially useful in OLEDs used for lighting applications.

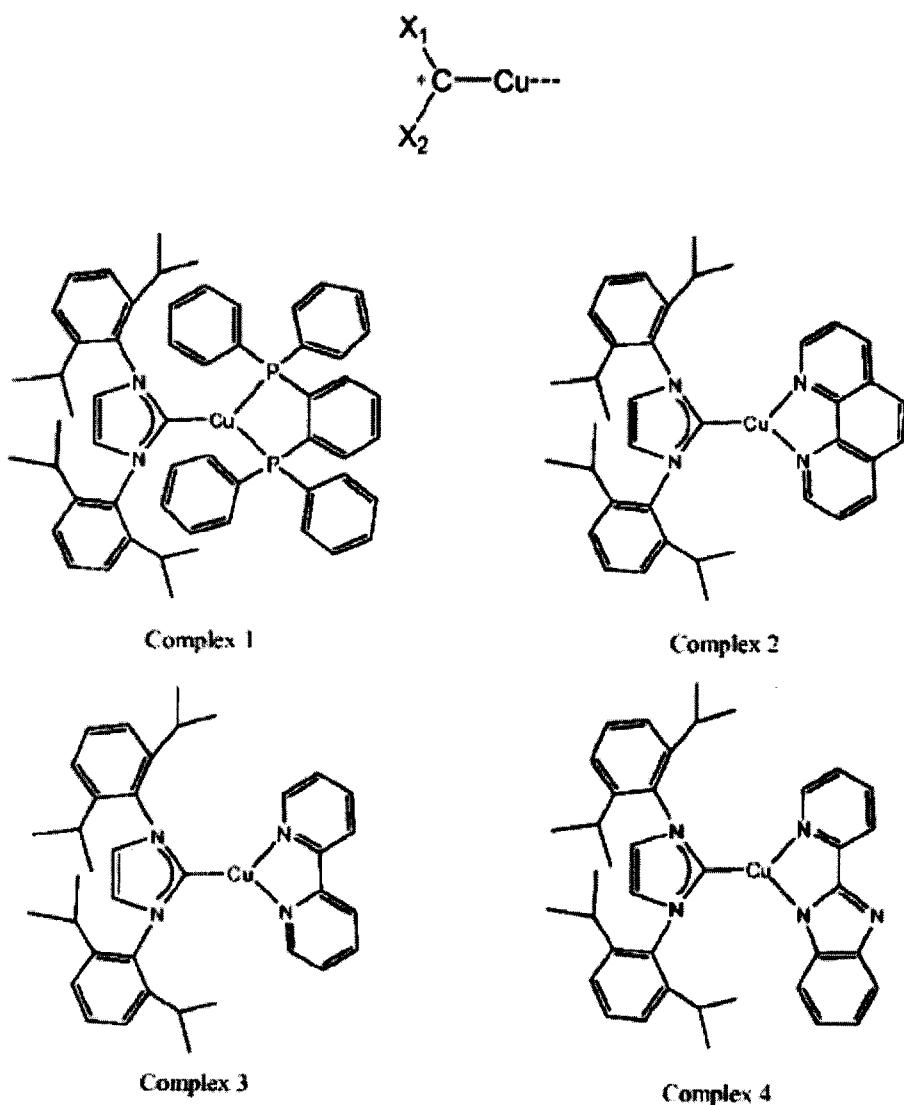


FIGURE 3