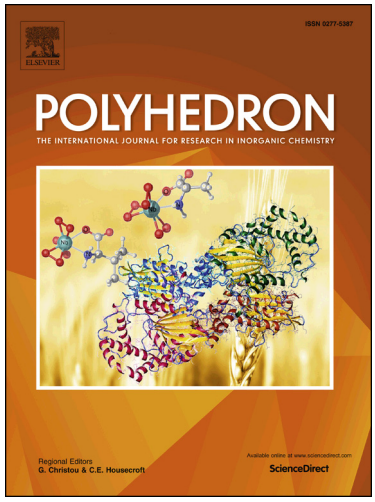

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Abstract

The synthesis of a new complex of the form [Ir(C^N^C)(N^N)Cl] [where C^N^C = 2-(bis(4-(*tert*-butyl)phenyl)methyl)pyridinato (d*t*Bubnpy, **L1**) and N^N is diethyl [2,2'-bipyridine]-4,4'-dicarboxylate (deeb)] is reported. The crystal structure reveals an unusual tripodal tridentate C^N^C ligand forming three six-membered rings around the iridium center. The photophysical and electrochemical properties suggest the use of this complex as a dye in dye-sensitized solar