

Publication

A new polymorph of 4'-tolyl-2,2':6',2"-terpyridine (tppy) and the single crystal structures of [Fe(tppy)2][PF6]2 and [Ru(tppy)2][PF6]2

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Single crystals of a new polymorph of 4'-tolyl-2,2':6',2"-terpyridine (tppy) have been grown by evaporation of a hexane-ethyl acetate solution of the ligand; the packing features weak pi-stacking and N-Pyridine...HC interactions between stacks of tppy molecules. Improved syntheses of [M(tppy)(2)][PFr](2) (M = Fe, Ru), and the single crystal structures of [Fe(tppy)(2)][PF6](2)center dot 2.2MeCN and [Ru(tppy)21[PF6](2)center dot 1.75MeCN center dot 0.2H(2)O are reported.

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