Table S1.
Dihedral angles in literature *trans*-Pt(Ypy)$_2$L$_2$ complexes. The complexes indicated in bold contain *ortho*-substituted pyridine derivatives.

CSD refcode	Compound	Dihedral Angle	Reference
TCPYPT	*trans*-Pt(py)$_2$(SCN)$_2$	89.1	(Caira & Nassimbeni, 1975)
MIJWEH	*trans*-[Pt(py)$_2$Cl(DMSO)](NO$_3$)	87.4; 88.4	(Fontes *et al.*, 2001)
TAGJAN	***trans*-[Pt(2-NH$_2$py)$_2$(NH$_2$Me)$_2$](ClO$_4$)$_2$**	**86.0**	**(Beck *et al.*, 2003)**
TAGHUF	***trans*-[Pt(2-NH$_2$py)$_2$(NH$_2$Me)$_2$](NO$_3$)$_2$**	**79.9**	**(Beck *et al.*, 2003)**
YEXSOJ	***trans*-[Pt(2-OHpy)$_2$(NH$_2$Me)$_2$](NO$_3$)**	**61.8**	**(Schreiber *et al.*, 1994)**
KARVEE	***trans*-Pt(2-Mepy)$_2$I$_2$**	**81.9; 89.9**	**(Tessier & Rochon, 1999)**
RIHPAZ	***trans*-Pt(2,6-(CH$_2$OH)py)$_2$Cl$_2$**	**79.7**	**(Rochon *et al.*, 1996)**
DIPYPT	*trans*-Pt(py)$_2$I$_2$	74.0	(Thiele & Wagner, 1978)
KARTUS	*trans*-Pt(4-Mepy)$_2$I$_2$	70.4	(Tessier & Rochon, 1999)
ACAZOU	*trans*-Pt(3-(NHSO$_2$Me)py)$_2$I$_2$	69.1	(Dodoff *et al.*, 2004)
KARVAA	*trans*-Pt(3-Mepy)$_2$I$_2$	63.5	(Tessier & Rochon, 1999)
JAFQAJ	*trans*-[Pt(Apy)$_2$(NH$_3$)$_2$](NO$_3$)$_2$	68.1	(Ueda *et al.*, 2003)
KARQUP	*trans*-Pt(3-Mepy)$_2$Cl$_2$	66.2 ; 69.6	(Tessier & Rochon, 1999)
KARROK	*trans*-Pt(4-Mepy)$_2$Cl$_2$	67.4	(Tessier & Rochon, 1999)
CLPRPT	*trans*-Pt(4-(COOEt)py)$_2$Cl$_2$	57.0	(Camalli *et al.*, 1980)
CLPYPT	*trans*-Pt(py)$_2$Cl$_2$	56.2	(Colamarino & Orioli, 1975)
OBEROC	*trans*-Pt(4-(CHCH$_2$)py)$_2$Cl$_2$	54.5	(Shaver *et al.*, 2000)
NIXMIQ	*trans*-Pt(Bpy)$_2$Cl$_2$	46.2	(Eremenko *et al.*, 1997)
NOYLES	*trans*-Pt(4-(non-5-yl)py)$_2$(C$_a$)$_2$	63.3	(Adams & James, 1997)
SESDOJ	*trans*-Pt(py)$_2$Cl(Ph)	52.8 ; 54.9	(Pombrik *et al.*, 1988)
IRIKUP	*trans*-Pt(py)$_2$(N$_a$)$_2$	56.6	(Romerosa *et al.*, 2004)
ICUVAD	*trans*-Pt(py)$_2$(NO$_3$)$_2$	40.1	(Tessier & Rochon, 2001)
ICUVIL	*trans*-Pt(3,5-Me$_2$py)$_2$(NO$_3$)$_2$	39.2	(Tessier & Rochon, 2001)

Apy = 2-(4-pyridyl)-4,4,5,5-tetramethyl-4,5-dihydro-1-H-imidazolyl-1-oxy-3-oxide; Bpy = N-nitroxyethylnicotinamide; C$_a$ = 4-nitrophenylethyne; N$_a$ = 8-(methylthio)theophylline.

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