Synthesis of Bis-*N*-Heterocyclic Carbene Silver(I) and Palladium(II) Complexes: Efficient Antiproliferative Agents against Breast Cancer Cells

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Figure S1: ^1H (500 MHz) and ^{13}C (125 MHz) spectra of **L** in d_6 -DMSO.

Figure S2: ^1H (500 MHz) and ^{13}C (125 MHz) spectra of **1** in d_6 -DMSO.

Figure S3: ^1H (500 MHz) and ^{13}C (125 MHz) spectra of 2 in d_6 -DMSO.

Figure S4: ORTEP picture of the **2** drawn at 50% probability showing disordered FP_6 anion and solvent molecule (1,4-dioxane).

Figure S5: ORTEP picture of the **2** drawn at 50% probability showing crystal packing.

Table S1: Selected bond lengths (Å) and angles (°) for complex **2**.

Bond lengths (Å)					
Atom 1	Atom 2	Distances	Atom 1	Atom 2	Distances
Pd1	C1	2.047(2)	N3	C13	1.356(3)
Pd1	C13	2.027(2)	N4	C13	1.355(3)
Pd1	C24	2.018(2)	N7	C36	1.357(3)
Pd1	C36	2.026(2)	N8	C36	1.351(3)
N1	C1	1.351(3)	N6	C24	1.352(3)
N2	C1	1.361(3)	N5	C24	1.351(3)

Bond angles (°)			
Atom 1	Atom 2	Atom 3	Angle
C1	Pd1	C13	84.8(9)
C1	Pd1	C36	97.2(9)
C13	Pd1	C24	95.5(9)
C24	Pd1	C36	82.8(9)
C1	Pd1	C24	176.3(9)
C13	Pd1	C36	176.2(9)
N1	C1	N2	103.8(19)
N3	C13	N4	104.5(2)
N5	C24	N6	104.7(18)
N7	C36	N8	104.2(19)
N2	C12	N3	109.6(2)