

Supporting Information

Synthesis, structure, photophysics and electrochemiluminescence of Re(I) tricarbonyl complexes with cationic 2,2-bipyridyl ligands

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Table 1. Selected bond distances (Å) and angles (°) for the complex **1**

Complex 1			
Re(1)-C(1)	1.926(3)	C(3)-Re(1)-N(3)	89.82(10)
Re(1)-C(2)	1.931(3)	C(1)-Re(1)-N(1)	93.80(10)
Re(1)-C(3)	1.935(3)	C(2)-Re(1)-N(1)	97.42(9)
Re(1)-N(1)	2.171(2)	C(3)-Re(1)-N(1)	173.03(10)
Re(1)-N(2)	2.174(2)	C(1)-Re(1)-N(2)	95.70(10)
Re(1)-N(3)	2.142(2)	C(2)-Re(1)-N(2)	171.43(9)
O(1)-C(1)	1.156(3)	C(3)-Re(1)-N(2)	98.67(9)
O(2)-C(2)	1.159(4)	N(3)-Re(1)-N(2)	82.77(8)
O(3)-C(3)	1.150(3)	N(1)-Re(1)-N(2)	74.92(8)
C(1)-Re(1)-C(3)	89.52(11)	N(3)-Re(1)-N(1)	86.68(8)
C(1)-Re(1)-C(2)	88.56(11)	O(1)-C(1)-Re(1)	177.6(2)
C(2)-Re(1)-C(3)	88.77(11)	O(2)-C(2)-Re(1)	177.4(2)
C(1)-Re(1)-N(3)	178.23(10)	O(3)-C(3)-Re(1)	178.1(2)
C(2)-Re(1)-N(3)	93.07(10)	C(4)-N(3)-Re(1)	170.9(2)