

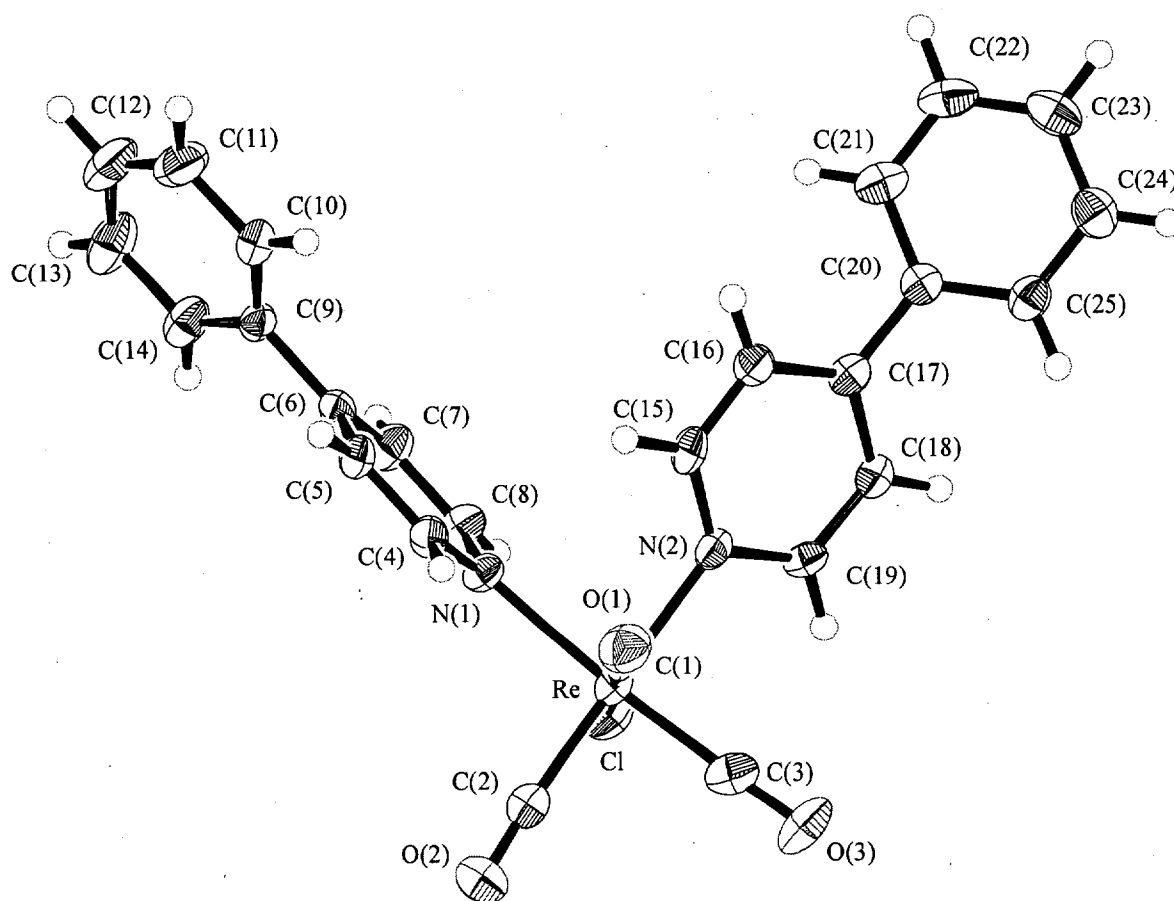


Figure S1. ORTEP drawing, showing the numbering scheme.

Table S1. Crystal data for 4.

chemical formula	C ₂₅ H ₁₈ N ₂ ClO ₃ Re
formula weight	616.09
crystal system	monoclinic
space group	P2 ₁ /c
color	Colorless
crystal size, mm	0.35×0.26×0.08
a, Å	18.925(3)
b, Å	7.285(2)
c, Å	18.263(4)
V, Å ³	2273(9)
Z	4
R, I > 3 (I) ^a	0.051
wR, I > 3 (I) ^b	0.069
GOF, I > 3 (I)	1.34

$$^a R = \frac{\sum ||F_o| - |F_c||}{\sum |F_o|}, ^b wR = \left[\frac{\sum (w(|F_o| - |F_c|)^2)}{\sum wF_o^2} \right]^{1/2}$$

Table S2. Selected bond lengths (Å) and angles (°) for 4.

Re-Cl	2.48(2)	C3-Re-N1	175.6(2)
Re-N1	2.23(5)	C1-Re-N2	91.0(2)
Re-N2	2.21(5)	C2-Re-N2	178.7(2)
Re1-C1	1.94(7)	C3-Re-N2	91.5(2)
Re1-C2	1.92(6)	Cl-Re-C1	178.0(2)
Re1-C3	1.90(7)	Cl-Re-C2	91.9(2)
C11-O1	1.14(4)	Cl-Re-C3	91.2(2)
C1-O1	1.07(7)	N1-Re-N2	84.3(2)
C2-O2	1.15(7)	C1-Re-C2	90.1(3)
C3-O3	1.15(7)	C1-Re-C3	88.6(2)
		C2-Re-C3	87.9(3)
Cl-Re-N1	87.66(13)	Re-C1-O1	176.1(6)
C1-Re-N1	92.3(2)	Re-C2-O2	176.4(8)
C2-Re-N1	96.4(2)	Re-C3-O3	178.3(6)