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Table S1. Atomic coordinates [Å x 10^4] and equivalent isotropic displacement parameters [$Å^2$ x 10^3] for **4**. U(eq) is defined as one third of the trace of the orthogonalized Uij tensor.

	x	y	z	U(eq)
Ru(1)	4298 (1)	44 (1)	8066 (1)	36 (1)
Cl(2)	4434 (2)	1003 (1)	10024 (2)	40 (1)
Cl(1)	1884 (2)	-482 (1)	8025 (2)	44 (1)
C(1)	8000 (9)	-60 (6)	8423 (9)	50 (2)
C(2)	8553 (10)911	(7) 8808	(9) 54	(2)
C(3)	7120 (9)	1489 (6)	8474 (8)	46 (2)
C(3A)	5829 (9)	940 (5)	7535 (8)	37 (2)
C(3B)	4272 (9)	1168 (5)	6785 (7)	37 (2)
C(4)	3488 (9)	2042 (5)	6782 (8)	43 (2)
C(5)	1781 (9)	1770 (6)	6219 (9)	46 (2)
C(6)	1640 (9)	944 (6)	5314 (8)	44 (2)
C(6A)	3215 (9)	537 (6)	5950 (7)	36 (2)
C(6B)	3687 (10)	-356 (5)	5934 (8)	39 (2)
C(7)	2764 (10)	-1168 (5)	5244 (8)	47 (2)
C(8)	3771 (11)	-1940 (6)	6057 (10)	55 (2)
C(9)	5418 (11)	-1597 (5)	6607 (9)	49 (2)
C(9A)	5217 (10)	-601 (6)	6709 (7)	39 (2)
C(9B)	6314 (9)	47 (6)	7473 (8)	41 (2)

Table S2. Bond lengths [Å] and angles [°] for **4**.

Ru(1)-C(3A)	2.188	(8)	Ru(1)-C(3B)	2.140	(7)
Ru(1)-C(6A)	2.166	(7)	Ru(1)-C(6B)	2.146	(7)
Ru(1)-C(9A)	2.142	(7)	Ru(1)-C(9B)	2.207	(7)
Ru(1)-Cl(1)	2.389	(2)	Ru(1)-Cl(2)	2.451	(2)
Ru(1)-Cl(2)A	2.451	(2)	Cl(2)-Ru(1)A	2.451	(2)
C(1)-C(9B)	1.524	(10)	C(1)-C(2)	1.546	(13)
C(2)-C(3)	1.528	(11)	C(3)-C(3A)	1.484	(11)
C(3B)-C(4)	1.502	(11)	C(4)-C(5)	1.541	(10)
C(5)-C(6)	1.529	(11)	C(6)-C(6A)	1.503	(10)
C(6B)-C(7)	1.508	(11)	C(7)-C(8)	1.530	(12)
C(8)-C(9)	1.523	(12)	C(9)-C(9A)	1.514	(11)
C(3A)-C(3B)	1.414	(11)	C(3B)-C(6A)	1.406	(11)
C(6A)-C(6B)	1.412	(12)	C(6B)-C(9A)	1.404	(11)
C(9A)-C(9B)	1.418	(12)	C(3A)-C(9B)	1.424	(11)

C(3B)-Ru(1)-C(9A)	82.0	(3)	C(3B)-Ru(1)-C(6B)	69.2	(3)
C(9A)-Ru(1)-C(6B)	38.2	(3)	C(3B)-Ru(1)-C(6A)	38.1	(3)
C(9A)-Ru(1)-C(6A)	69.0	(3)	C(6B)-Ru(1)-C(6A)	38.2	(3)
C(3B)-Ru(1)-C(3A)	38.1	(3)	C(9A)-Ru(1)-C(3A)	69.0	(3)
C(6B)-Ru(1)-C(3A)	81.7	(3)	C(6A)-Ru(1)-C(3A)	68.7	(3)
C(3B)-Ru(1)-C(9B)	68.5	(3)	C(9A)-Ru(1)-C(9B)	38.0	(3)

C(6B)-Ru(1)-C(9B)	68.6	(3)	C(6A)-Ru(1)-C(9B)	80.8	(3)
C(3A)-Ru(1)-C(9B)	37.8	(3)	C(3B)-Ru(1)-Cl(1)	117.6	(2)
C(9A)-Ru(1)-Cl(1)	117.3	(2)	C(6B)-Ru(1)-Cl(1)	90.6	(2)
C(6A)-Ru(1)-Cl(1)	91.0	(2)	C(3A)-Ru(1)-Cl(1)	155.6	(2)
C(9B)-Ru(1)-Cl(1)	155.3	(2)	C(3B)-Ru(1)-Cl(2)A	153.2	(2)
C(9A)-Ru(1)-Cl(2)A	92.7	(2)	C(6B)-Ru(1)-Cl(2)A	120.7	(2)
C(6A)-Ru(1)-Cl(2)A	158.9	(2)	C(3A)-Ru(1)-Cl(2)A	115.6	(2)
C(9B)-Ru(1)-Cl(2)A	91.2	(2)	Cl(1)-Ru(1)-Cl(2)A	88.30	(7)
C(3B)-Ru(1)-Cl(2)	92.1	(2)	C(9A)-Ru(1)-Cl(2)	154.4	(2)
C(6B)-Ru(1)-Cl(2)	157.8	(2)	C(6A)-Ru(1)-Cl(2)	119.6	(2)
C(3A)-Ru(1)-Cl(2)	91.0	(2)	C(9B)-Ru(1)-Cl(2)	16.8	(2)
Cl(1)-Ru(1)-Cl(2)	87.56	(7)	Cl(2)A-Ru(1)-Cl(2)	81.44	(7)
Ru(1)A-Cl(2)-Ru(1)	98.56	(7)	C(9B)-C(1)-C(2)	103.5	(7)
C(3)-C(2)-C(1)	107.1	(7)	C(3A)-C(3)-C(2)	105.4	(7)
C(3B)-C(3A)-C(9B)	119.1	(7)	C(3B)-C(3A)-C(3)	130.1	(7)
C(9B)-C(3A)-C(3)	110.8	(7)	C(3B)-C(3A)-Ru(1)	69.1	(4)
C(9B)-C(3A)-Ru(1)	71.8	(4)	C(3)-C(3A)-Ru(1)	129.0	(5)
C(6A)-C(3B)-C(3A)	121.1	(7)	C(6A)-C(3B)-C(4)	110.7	(7)
C(3A)-C(3B)-C(4)	128.1	(7)	C(6A)-C(3B)-Ru(1)	71.9	(4)
C(3A)-C(3B)-Ru(1)	72.8	(4)	C(4)-C(3B)-Ru(1)	125.3	(5)
C(3B)-C(4)-C(5)	102.2	(6)	C(6)-C(5)-C(4)	106.3	(6)
C(6A)-C(6)-C(5)	102.7	(6)	C(3B)-C(6A)-C(6B)	119.5	(7)
C(3B)-C(6A)-C(6)	110.2	(7)	C(6B)-C(6A)-C(6)	129.9	(7)

C(3B)-C(6A)-Ru(1)	70.0	(4)	C(6B)-C(6A)-Ru(1)	70.1	(4)
C(6)-C(6A)-Ru(1)	126.0	(5)	C(9A)-C(6B)-C(6A)	120.0	(7)
C(9A)-C(6B)-C(7)	109.9	(7)	C(6A)-C(6B)-C(7)	130.0	(8)
C(9A)-C(6B)-Ru(1)	70.7	(4)	C(6A)-C(6B)-Ru(1)	71.7	(4)
C(7)-C(6B)-Ru(1)	126.4	(5)	C(6B)-C(7)-C(8)	103.0	(7)
C(9)-C(8)-C(7)	106.2	(7)	C(9A)-C(9)-C(8)	102.9	(7)
C(6B)-C(9A)-C(9B)	120.6	(8)	C(6B)-C(9A)-C(9)	110.3	(7)
C(9B)-C(9A)-C(9)	129.1	(8)	C(6B)-C(9A)-Ru(1)	71.0	(4)
C(9B)-C(9A)-Ru(1)	73.5	(4)	C(9)-C(9A)-Ru(1)	125.7	(5)
C(9A)-C(9B)-C(3A)	119.4	(8)	C(9A)-C(9B)-C(1)	130.2	(8)
C(3A)-C(9B)-C(1)	110.0	(7)	C(9A)-C(9B)-Ru(1)	68.5	(5)
C(3A)-C(9B)-Ru(1)	70.4	(4)	C(1)-C(9B)-Ru(1)	127.9	(5)

Symmetry transformations used to generate equivalent atoms: -x+1,-y,-z+2

Table S3. Anisotropic displacement parameters [$Å^2$x 10^3] for **4**. The anisotropic displacement factor exponent takes the form: $-2\pi^2[h^2a^{*2}U11 + ... + 2hka^*b^*U12]$.

	U11	U22	U33	U23	U13	U12
Ru(1)	36 (1)	34 (1)	39 (1)	1 (1)	15 (1)	1 (1)
Cl(2)	44 (1)	35 (1)	41 (1)	0 (1)	17 (1)	1 (1)
Cl(1)	40 (1)	47 (1)	47 (1)	0 (1)	18 (1)	-3 (1)
C(1)	39 (4)	56 (5)	56 (5)	9 (4)	20 (4)	4 (4)
C(2)	43 (4)	75 (7)	43 (4)	-1 (4)	15 (4)	-1 (4)
C(3)	43 (4)	50 (5)	44 (4)	0 (4)	14 (4)	-4 (4)
C(3A)	44 (4)	30 (4)	36 (4)	5 (3)	12 (4)	0 (3)
C(3B)	42 (4)	38 (4)	32 (4)	4 (3)	15 (4)	-3 (3)
C(4)	43 (4)	40 (4)	45 (5)	5 (3)	16 (4)	5 (3)
C(5)	43 (4)	43 (5)	50 (5)	3 (4)	15 (4)	9 (4)
C(6)	37 (3)	49 (5)	45 (5)	4 (4)	15 (4)	-1 (4)
C(6A)	38 (3)	41 (4)	29 (4)	1 (3)	10 (3)	0 (4)
C(6B)	47 (4)	35 (4)	34 (4)	-3 (3)	17 (4)	-10 (4)
C(7)	52 (4)	41 (5)	50 (5)	-6 (4)	23 (4)	-9 (4)
C(8)	65 (5)	32 (5)	70 (6)	-1 (4)	31 (6)	-2 (4)
C(9)	66 (5)	38 (5)	50 (5)	7 (4)	32 (5)	13 (4)
C(9A)	47 (4)	44 (4)	32 (4)	-1 (3)	21 (4)	5 (4)
C(9B)	36 (3)	51 (5)	42 (4)	-1 (4)	22 (4)	-2 (4)

Table S4. Hydrogen coordinates (x 10^3) and isotropic displacement parameters ($Å^2$ x 10^3) for **4**.

	x	y	z	U(eq)
H(1B)	857	-35	794	74
H(1A)	811	-40	925	74
H(2A)	920	95	979	81
H(2B)	914	111	827	81
H(3A)	696	164	932	69
H(3B)	721	204	801	69
H(4A)	369	247	618	64
H(4B)	381	229	772	64
H(5B)	146	163	698	69
H(5A)	114	225	567	69
H(6B)	86	54	537	66
H(6A)	139	111	435	66
H(7A)	261	-120	426	70
H(7B)	177	-117	533	70
H(8B)	348	-212	682	82
H(8A)	366	-245	545	82
H(9B)	602	-185	751	73
H(9A)	592	-173	597	73

Table S5. Atomic coordinates [x 10^4] and equivalent isotropic displacement parameters [$Å^2$ x 10^3] for **8**. U(eq) is defined as one third of the trace of the orthogonalized U_{ij} tensor.

	x	y	z	U (eq)
Ru(1)	3096 (1)	214 (1)	2105 (1)	31 (1)
P(1)	2321 (2)	-506 (1)	3322 (1)	48 (1)
Cl(1)	591 (1)	688 (1)	1824 (1)	62 (1)
Cl(2)	3589 (2)	1490 (1)	3072 (1)	59 (1)
C(1)	6094 (5)	-1107 (3)	2605 (3)	49 (1)
C(2)	6913 (6)	-314 (4)	3049 (4)	70 (2)
C(3)	6761 (5)	483 (4)	2415 (4)	56 (1)
C(3A)	5422 (5)	239 (3)	1806 (3)	41 (1)
C(3B)	4626 (5)	777 (3)	1144 (3)	43 (1)
C(4)	4844 (6)	1751 (3)	915 (4)	63 (2)
C(5)	3381 (7)	2007 (4)	419 (4)	77 (2)
C(6)	2703 (6)	1135 (4)	43 (3)	63 (2)
C(6A)	3416 (5)	431 (3)	644 (3)	44 (1)
C(6B)	2954 (5)	-465 (3)	793 (3)	43 (1)
C(7)	1692 (6)	-979 (4)	340 (4)	60 (2)
C(8)	1628 (6)	-1840 (4)	885 (4)	69 (2)
C(9)	3149 (5)	-1953 (3)	1410 (4)	53 (1)
C(9A)	3765 (5)	-1022 (3)	1421 (3)	39 (1)

C(9B)	5014 (5)	-663 (3)	1930 (3)	37 (1)
C(10A)	3747 (9)	-1032 (5)	4844 (5)	99 (2)
O(1A)	3236 (12)	-1171 (8)	3847 (7)	56 (1)
C(11A)	734 (7)	751 (4)	4116 (4)	75 (2)
O(2A)	1158 (76)	-188 (38)	3800 (28)	67 (3)
C(12A)	461 (9)	-1907 (5)	3314 (6)	114 (3)
O(3A)	995 (14)	-1257 (7)	2866 (9)	66 (2)
C(10B)	3747 (9)	-1032 (5)	4844 (5)	99 (2)
O(1B)	3779 (6)	-569 (4)	4084 (4)	56 (1)
C(11B)	734 (7)	751 (4)	4116 (4)	75 (2)
O(2B)	1175 (37)	-98 (19)	4004 (13)	67 (3)
C(12B)	461 (9)	-1907 (5)	3314 (6)	114 (3)
O(3B)	1948 (7)	-1511 (4)	3238 (4)	66 (2)

Table S6. Bond lengths [Å] and angles [°] for **8**.

Ru(1)-C(3A)	2.208	(4)	Ru(1)-C(3B)	2.250	(4)
Ru(1)-C(6A)	2.256	(4)	Ru(1)-C(6B)	2.209	(4)
Ru(1)-C(9A)	2.221	(4)	Ru(1)-C(9B)	2.220	(4)
Ru(1)-Cl(1)	2.402	(1)	Ru(1)-Cl(2)	2.415	(1)
Ru(1)-P(1)	2.278	(1)	P(1)-O(1A)	1.484	(10)
P(1)-O(2A)	1.41	(5)	P(1)-O(3A)	1.751	(12)
P(1)-O(1B)	1.687	(6)	P(1)-O(2B)	1.64	(2)
P(1)-O(3B)	1.542	(5)	C(1)-C(9B)	1.510	(6)
C(1)-C(2)	1.525	(7)	C(2)-C(3)	1.522	(8)
C(3)-C(3A)	1.512	(6)	C(3B)-C(4)	1.510	(6)
C(4)-C(5)	1.526	(8)	C(5)-C(6)	1.530	(8)
C(6)-C(6A)	1.500	(6)	C(6B)-C(7)	1.502	(6)
C(7)-C(8)	1.526	(8)	C(8)-C(9)	1.551	(7)
C(9)-C(9A)	1.500	(6)	C(3A)-C(3B)	1.430	(6)
C(3B)-C(6A)	1.385	(7)	C(6A)-C(6B)	1.425	(6)
C(6B)-C(9A)	1.420	(6)	C(9A)-C(9B)	1.426	(6)
C(3A)-C(9B)	1.413	(6)	C(10A)-O(1A)	1.543	(12)
C(11A)-O(2A)	1.54	(5)	C(12A)-O(3A)	1.297	(13)
C(10B)-O(1B)	1.335	(8)	C(11B)-O(2B)	1.35	(3)
C(12B)-O(3B)	1.495	(9)			

C(3A)-Ru(1)-C(6B)	79.4	(2)	C(3A)-Ru(1)-C(9A)	67.3	(2)
C(6B)-Ru(1)-C(9A)	37.4	(2)	C(3A)-Ru(1)-C(9B)	37.2	(2)
C(6B)-Ru(1)-C(9B)	67.3	(2)	C(9A)-Ru(1)-C(9B)	37.5	(2)
C(3A)-Ru(1)-C(3B)	37.4	(2)	C(6B)-Ru(1)-C(3B)	66.2	(2)
C(9A)-Ru(1)-C(3B)	78.8	(2)	C(9B)-Ru(1)-C(3B)	66.9	(2)
C(3A)-Ru(1)-C(6A)	66.3	(2)	C(6B)-Ru(1)-C(6A)	37.2	(2)
C(9A)-Ru(1)-C(6A)	67.0	(2)	C(9B)-Ru(1)-C(6A)	78.8	(2)
C(3B)-Ru(1)-C(6A)	35.8	(2)	C(3A)-Ru(1)-P(1)	122.44	(13)

C(6B)-Ru(1)-P(1)	119.79	(13)	C(9A)-Ru(1)-P(1)	95.30	(12)
C(9B)-Ru(1)-P(1)	96.61	(12)	C(3B)-Ru(1)-P(1)	159.73	(13)
C(6A)-Ru(1)-P(1)	156.57	(13)	C(3A)-Ru(1)-Cl(1)	151.60	(13)
C(6B)-Ru(1)-Cl(1)	89.53	(12)	C(9A)-Ru(1)-Cl(1)	117.24	(12)
C(9B)-Ru(1)-Cl(1)	154.66	(12)	C(3B)-Ru(1)-Cl(1)	114.23	(12)
C(6A)-Ru(1)-Cl(1)	89.04	(12)	P(1)-Ru(1)-Cl(1)	85.78	(5)
C(3A)-Ru(1)-Cl(2)	88.43	(12)	C(6B)-Ru(1)-Cl(2)	153.16	(13)
C(9A)-Ru(1)-Cl(2)	152.61	(12)	C(9B)-Ru(1)-Cl(2)	115.15	(12)
C(3B)-Ru(1)-Cl(2)	89.68	(13)	C(6A)-Ru(1)-Cl(2)	115.95	(13)
P(1)-Ru(1)-Cl(2)	86.93	(5)	Cl(1)-Ru(1)-Cl(2)	90.14	(5)
O(2A)-P(1)-O(1A)	112	(2)	O(3B)-P(1)-O(2B)	105.3	(11)
O(3B)-P(1)-O(1B)	99.1	(3)	O(2B)-P(1)-O(1B)	96.1	(11)
O(2A)-P(1)-O(3A)	84	(3)	O(1A)-P(1)-O(3A)	97.0	(6)
O(2A)-P(1)-Ru(1)	123	(2)	O(1A)-P(1)-Ru(1)	122.9	(4)
O(3B)-P(1)-Ru(1)	118.4	(2)	O(2B)-P(1)-Ru(1)	125.5	(10)
O(1B)-P(1)-Ru(1)	106.8	(2)	O(3A)-P(1)-Ru(1)	103.9	(4)
C(9B)-C(1)-C(2)	102.9	(4)	C(3)-C(2)-C(1)	108.5	(4)
C(3A)-C(3)-C(2)	102.6	(4)	C(9B)-C(3A)-C(3B)	120.1	(4)
C(9B)-C(3A)-C(3)	111.1	(4)	C(3B)-C(3A)-C(3)	128.8	(4)
C(9B)-C(3A)-Ru(1)	71.9	(2)	C(3B)-C(3A)-Ru(1)	72.9	(2)
C(3)-C(3A)-Ru(1)	128.8	(3)	C(6A)-C(3B)-C(3A)	120.3	(4)
C(6A)-C(3B)-C(4)	110.5	(4)	C(3A)-C(3B)-C(4)	129.0	(5)
C(6A)-C(3B)-Ru(1)	72.3	(3)	C(3A)-C(3B)-Ru(1)	69.7	(2)
C(4)-C(3B)-Ru(1)	127.2	(3)	C(3B)-C(4)-C(5)	103.1	(4)
C(4)-C(5)-C(6)	106.2	(4)	C(6A)-C(6)-C(5)	103.4	(4)
C(3B)-C(6A)-C(6B)	120.0	(4)	C(3B)-C(6A)-C(6)	110.7	(4)
C(6B)-C(6A)-C(6)	129.2	(5)	C(3B)-C(6A)-Ru(1)	71.9	(3)
C(6B)-C(6A)-Ru(1)	69.6	(3)	C(6)-C(6A)-Ru(1)	126.9	(3)
C(9A)-C(6B)-C(6A)	120.5	(4)	C(9A)-C(6B)-C(7)	110.0	(4)
C(6A)-C(6B)-C(7)	129.4	(4)	C(9A)-C(6B)-Ru(1)	71.8	(3)
C(6A)-C(6B)-Ru(1)	73.2	(3)	C(7)-C(6B)-Ru(1)	128.7	(4)

C(6B)-C(7)-C(8)	104.4	(4)	C(7)-C(8)-C(9)	107.0	(4)
C(9A)-C(9)-C(8)	103.0	(4)	C(6B)-C(9A)-C(9B)	119.2	(4)
C(6B)-C(9A)-C(9)	111.1	(4)	C(9B)-C(9A)-C(9)	129.7	(4)
C(6B)-C(9A)-Ru(1)	70.8	(3)	C(9B)-C(9A)-Ru(1)	71.2	(2)
C(9)-C(9A)-Ru(1)	131.2	(3)	C(3A)-C(9B)-C(9A)	119.7	(4)
C(3A)-C(9B)-C(1)	110.0	(4)	C(9A)-C(9B)-C(1)	130.2	(4)
C(3A)-C(9B)-Ru(1)	70.9	(2)	C(9A)-C(9B)-Ru(1)	71.3	(2)
C(1)-C(9B)-Ru(1)	131.3	(3)	P(1)-O(1A)-C(10A)	122.6	(8)
P(1)-O(2A)-C(11A)	133	(5)	C(12A)-O(3A)-P(1)	123.7	(10)
C(10B)-O(1B)-P(1)	122.5	(5)	C(11B)-O(2B)-P(1)	130	(2)
C(12B)-O(3B)-P(1)	125.1	(5)			

Table S7. Anisotropic displacement parameters [$Å^2$ x 10^3] for **8**. The anisotropic displacement factor exponent takes the form: $-2\pi^2[h^2a^{*2}U11 + ... + 2hka^*b^*U12]$

	U11	U22	U33	U23	U13	U12
Ru(1)	29 (1)	29 (1)	35 (1)	0 (1)	4 (1)	1 (1)
P(1)	64 (1)	35 (1)	48 (1)	5 (1)	22 (1)	5 (1)
Cl(1)	37 (1)	88 (1)	61 (1)	5 (1)	5 (1)	21 (1)
Cl(2)	67 (1)	44 (1)	69 (1)	-20 (1)	21 (1)	-14 (1)
C(1)	45 (3)	46 (3)	53 (3)	-1 (2)	-3 (2)	13 (2)
C(2)	55 (3)	73 (4)	79 (4)	-3 (3)	-21 (3)	-2 (3)
C(3)	37 (3)	55 (3)	75 (4)	-6 (3)	-1 (3)	-2 (2)
C(3A)	32 (2)	43 (2)	50 (3)	-5 (2)	13 (2)	3 (2)
C(3B)	39 (3)	45 (3)	49 (3)	7 (2)	18 (2)	4 (2)
C(4)	67 (4)	49 (3)	78 (4)	16 (3)	31 (3)	0 (3)
C(5)	75 (4)	60 (4)	96 (5)	37 (4)	19 (4)	16 (3)
C(6)	70 (4)	78 (4)	42 (3)	22 (3)	12 (3)	24 (3)
C(6A)	46 (3)	52 (3)	35 (2)	6 (2)	11 (2)	15 (2)
C(6B)	40 (3)	51 (3)	38 (3)	-5 (2)	-1 (2)	7 (2)
C(7)	53 (3)	66 (4)	58 (3)	-19 (3)	-13 (3)	6 (3)
C(8)	60 (4)	63 (4)	79 (4)	-15 (3)	-17 (3)	-11 (3)
C(9)	60 (3)	35 (2)	64 (3)	-13 (2)	-2 (3)	5 (2)
C(9A)	40 (3)	38 (2)	40 (3)	-7 (2)	7 (2)	2 (2)
C(9B)	36 (2)	36 (2)	38 (2)	-4 (2)	4 (2)	5 (2)
C(10A)	135 (7)	89 (5)	70 (5)	-1 (4)	-20 (5)	14 (5)

O(1A)	61	(3)	64	(4)	43	(3)	12	(3)	1	(2)	-2 (3)
C(11A)	95	(5)	59	(4)	79	(4)	-13	(3)	47	(4)	5 (3)
O(2A)	99	(3)	55	(6)	55	(10)	8	(6)	54	(8)	21 (4)
C(12A)	98	(6)	85	(5)	162	(9)	-4	(5)	17	(5)	-31 (5)
O(3A)	75	(5)	39	(3)	88	(5)	5	(3)	27	(3)	-11 (3)
C(10B)	135	(7)	89	(5)	70	(5)	-1	(4)	-20	(5)	14 (5)
O(1B)	61	(3)	64	(4)	43	(3)	12	(3)	1	(2)	-2 (3)
C(11B)	95	(5)	59	(4)	79	(4)	-13	(3)	47	(4)	5 (3)
O(2B)	99	(3)	55	(6)	55	(10)	8	(6)	54	(8)	21 (4)
C(12B)	98	(6)	85	(5)	162	(9)	-4	(5)	17	(5)	-31 (5)
O(3B)	75	(5)	39	(3)	88	(5)	5(	3)	27	(3)	-11 (3)

Table S8. Hydrogen coordinates ($x10^3$) and isotropic displacement parameters ($Å^2 \times 10^3$) for **8**.

	x	y	z	U(eq)
H(1A)	676	-150	231	58
H(1B)	559	-145	304	58
H(2A)	650	-17	361	84
H(2B)	794	-46	318	84
H(3A)	761	44	197	67
H(3B)	672	123	276	67
H(4A)	565	182	54	76
H(4B)	504	211	145	76
H(5A)	353	242	-6	92
H(5B)	274	229	83	92
H(6A)	165	114	7	76
H(6B)	293	105	-57	76
H(7A)	187	-111	-28	72
H(7B)	79	-64	35	72
H(8A)	142	-235	49	82
H(8B)	86	-180	130	82
H(9A)	305	-217	201	64
H(9B)	377	-236	111	64
H(10A)	432	-154	506	149

H(10B)	291	-97	518	149
H(10C)	433	-50	491	149
H(11A)	-14	71	443	113
H(11B)	57	114	361	113
H(11C)	152	99	451	113
H(12A)	-25	-223	293	172
H(12B)	-0.3	-167	381	172
H(12C)	124	-230	353	172
H(10D)	468	-98	518	149
H(10E)	354	-165	471	149
H(10F)	299	-80	519	149
H(11D)	5	77	457	113
H(11E)	27	97	356	113
H(11F)	157	112	429	113
H(12D)	51	-254	324	172
H(12E)	-22	-17	29	172
H(12F)	14	-178	389	172

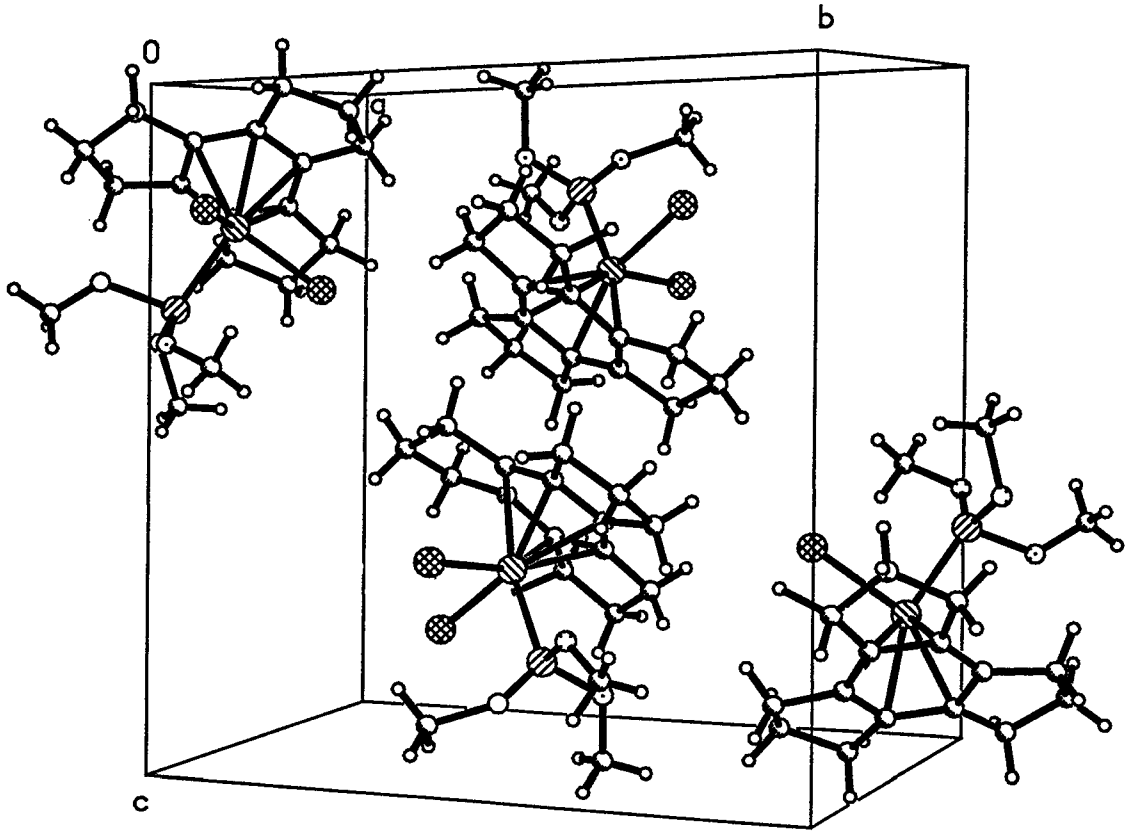


Figure S1. Crystallographic unit cell diagram for **4**.

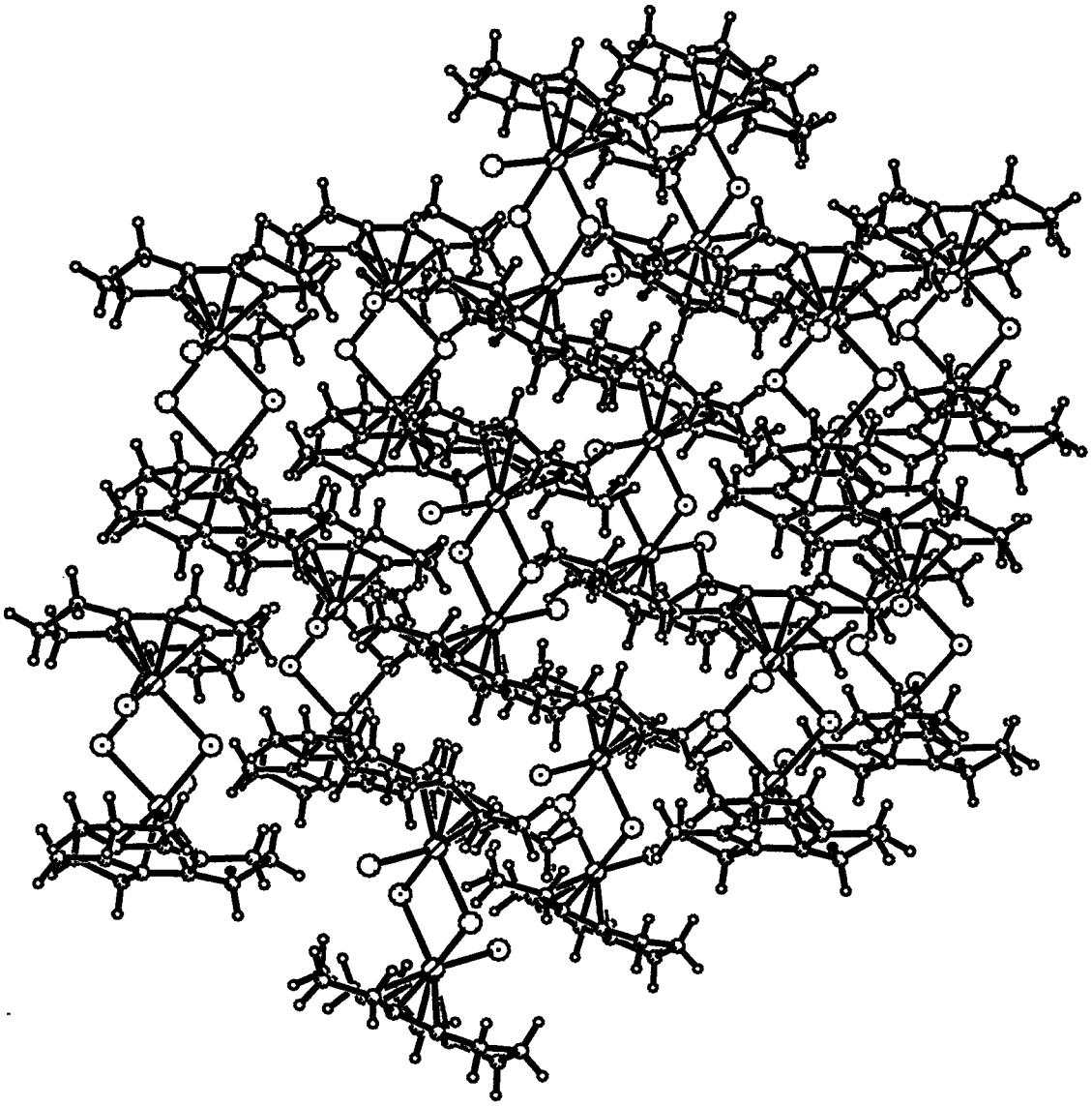


Figure S2. Crystallographic packing diagram for **4**.

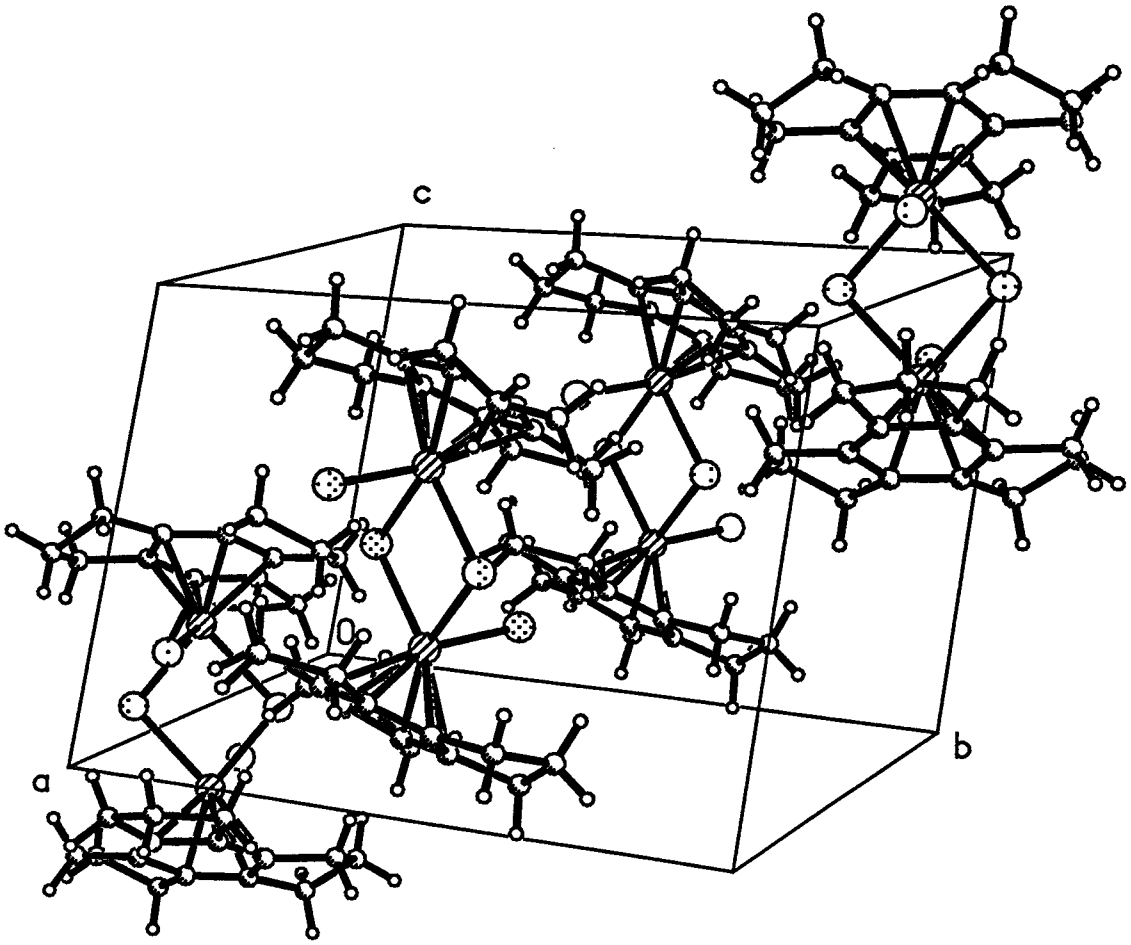
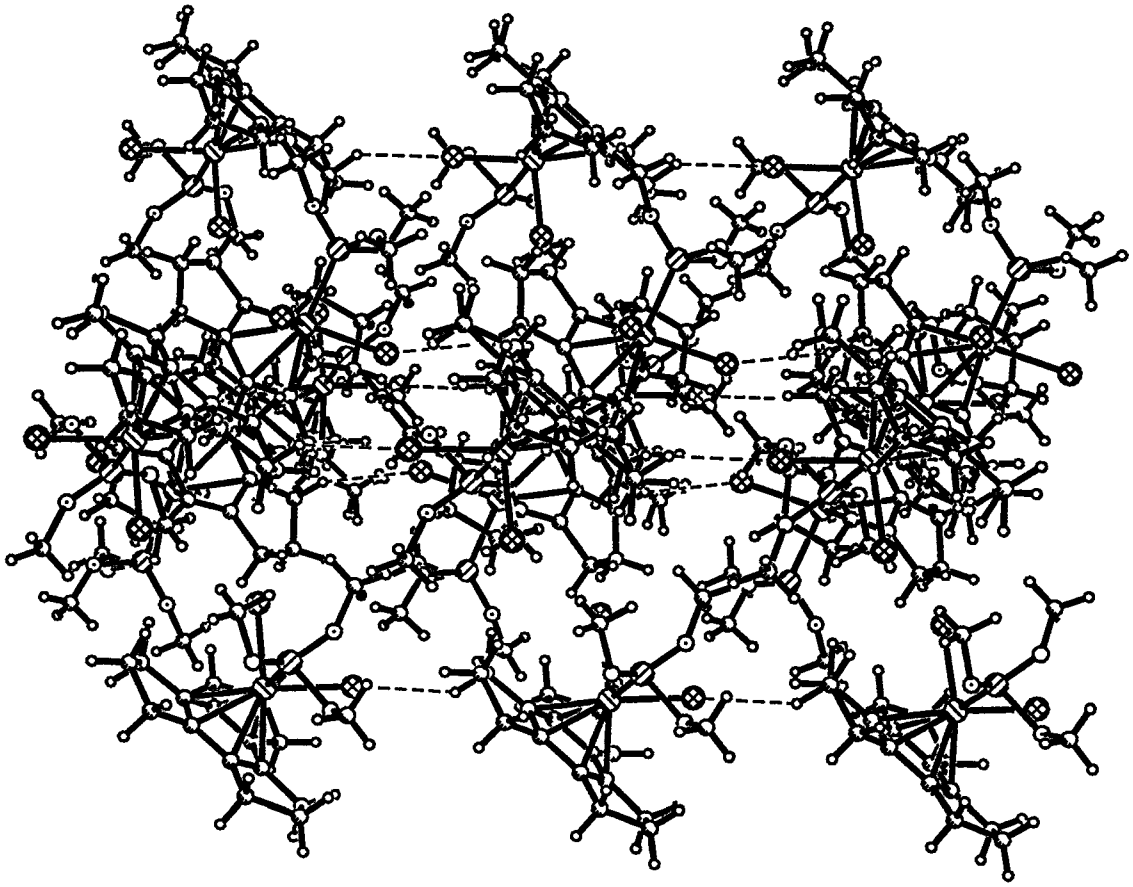


Figure S3. Crystallographic unit cell diagram for **8**.



Figrue S4. Crystallographic packing diagram for **8**.

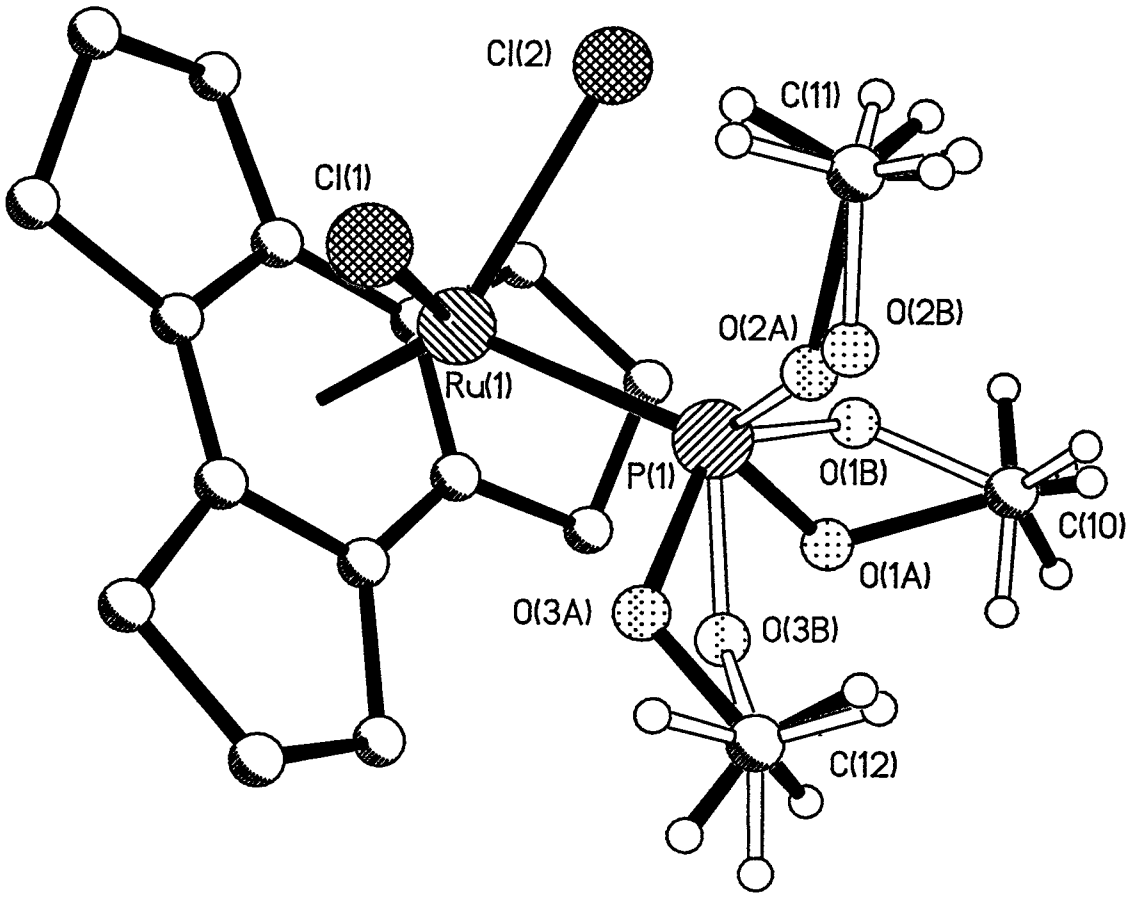


Figure S5. View of **8** showing the two parts of the disorder in the methoxy region; trindane H atoms removed for clarity.