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First platinum(II)–alkaline-earth acetate-bridged complexes $Pt^{II}(\mu\text{-}OAc)_4M^{II}(AcOH)_4$ (M = Ca, Sr, Ba)

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Table S1 Crystal data and structure refinement for **1-6**.

Identification code	**1**	**2**	**3**	**4**	**5**	**6**
Empirical formula	$C_{16}H_{28}CaO_{16}Pt$	$C_{16}H_{28}SrO_{16}Pt$	$C_{16}H_{28}BaO_{16}Pt$	$C_{16}H_{28}CaO_{16}Pd$	$C_{16}H_{28}SrO_{16}Pd$	$C_{16}H_{28}BaO_{16}Pd$
Formula weight	711.54	759.08	808.79	622.86	670.40	720.11
Temperature, K	100(2)	100(2)	100(2)	100(2)	100(2)	100(2)
Crystal size, mm	0.10 × 0.05 × 0.05	0.05 × 0.05 × 0.4	0.07 × 0.04 × 0.03	0.15 × 0.07 × 0.06	0.10 × 0.05 × 0.04	0.10 × 0.07 × 0.04
Wavelength, Å	0.96990	0.96990	0.96990	0.96990	0.96990	0.96990
Crystal system	Triclinic	Triclinic	Triclinic	Triclinic	Triclinic	Triclinic
Space group	*P*-1	*P*-1	*P*-1	*P*-1	*P*-1	*P*-1
a, Å	10.578(2)	10.735(2)	11.427(2)	10.548(2)	10.680(2)	11.341(2)
b, Å	11.655(2)	11.672(2)	11.436(2)	11.622(2)	11.630(2)	11.414(2)
c, Å	11.731(2)	11.823(2)	11.461(2)	11.703(2)	11.780(2)	11.441(2)
α, deg.	88.81(3)	87.33(3)	79.99(3)	88.77(3)	87.45(3)	89.91(3)
β, deg.	69.30(3)	70.81(3)	89.94(3)	69.69(3)	71.22(3)	79.95(3)
γ, deg.	72.72(3)	69.15(3)	61.20(3)	72.56(3)	69.20(3)	61.75(3)
V, $Å^3$	1286.1(5)	1303.3(6)	1286.5(6)	1278.1(5)	1291.0(5)	1279.0(6)
Z	2	2	2	2	2	2
Density (calc.), Mg/m^3	1.837	1.934	2.088	1.618	1.725	1.870
μ, mm^{-1}	8.225	8.347	11.160	2.296	2.506	5.250
F(000)	700	736	772	636	672	708

Theta range, deg.	2.509 – 38.435	3.123 – 38.384	2.474 – 38.409	2.518 – 38.498	2.500 – 38.484	3.380 – 38.408
Index ranges	$-12 \le h \le 13$, $-14 \le k \le 14$, $-14 \le l \le 14$	$-13 \le h \le 13$, $-14 \le k \le 14$, $-14 \le l \le 14$	$-14 \le h \le 14$, $-14 \le k \le 14$, $-14 \le l \le 13$	$-13 \le h \le 13$, $-14 \le k \le 14$, $-15 \le l \le 15$	$-13 \le h \le 13$, $-12 \le k \le 14$, $-14 \le l \le 14$	$-14 \le h \le 13$, $-14 \le k \le 14$, $-13 \le l \le 13$
Reflections collected	31740	21929	27589	19502	16309	21869
Independent reflections	5427 (R_{int} = 0.0865)	5329 (R_{int} = 0.0716)	5158 (R_{int} = 0.0695)	5357 (R_{int} = 0.0823)	5192 (R_{int} = 0.0622)	5078 (R_{int} = 0.0803)
Reflections observed	4744	4439	4641	4164	4432	4416
R_1 / wR_2 ($I > 2\sigma(I)$)	0.0436 / 0.0976	0.0602 / 0.1333	0.0400 / 0.0942	0.0611 / 0.1349	0.0410/ 0.0949	0.0622 / 0.1485
R_1 / wR_2 (all data)	0.0548 / 0.1046	0.0743 / 0.1474	0.0465 / 0.0995	0.0778 / 0.1484	0.0491 / 0.1021	0.0700 / 0.1556
Goodness-of-fit on F^2	1.171	0.983	1.048	0.989	0.860	1.026
Extinction coefficient	0.0030(3)	0.0018(2)	0.0022(2)	0.0056(5)	0.0044(4)	0.0042(4)
T_{min} / T_{max}	0.728 / 0.785	0.660 / 0.700	0.480 / 0.700	0.606 / 0.949	0.730 / 0.900	0.600 / 0.840
$\Delta\rho_{max}$ / $\Delta\rho_{min}$, e·Å^{-3}	1.530 / -1.857	3.9702 / -3.129	1.690 / -2.057	1.183 /-1.707	0.879 /-1.207	3.707 /-2.018