CRYSTAL GROWTH & DESIGN

Additions and Corrections

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Correction to Crystal Engineering with the Uranyl Cation III. Mixed Aliphatic Dicarboxylate/Aromatic Dipyridyl Coordination Polymers: Synthesis, Structures, and Speciation

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The original paper contained typographical errors in Table 1 and incorrect cell parameters in Table 2. Below are the corrected tables.

Table 1. Synthesis Conditions for Compounds 1−7

compound	1	2	3	4	5	6	7
empirical formula	$C_{32}H_{46}N_2O_{13}U_2$	$C_{27}H_{52}N_2O_{39}U_6$	$C_{36}H_{48}N_2O_{16}U_2$	$C_{48}H_{60}N_4O_{26}U_5$	$C_{30}H_{38}N_2O_{12}U_2$	$C_{22}H_{28}N_2O_{10}U_2$	$C_{39}H_{58}N_2O_{18}U_2$
aliphatic dicarboxylate	sebacic acid	glutaric acid	suberic acid	suberic acid	azelaic acid	sebacic acid	azelaic acid
dipyridyl	BPE	BPE′	BPE′	BPE′	BPE′	BPE′	BPE′
pH (init./final)	4.95/4.91	3.55/4.27	4.83/3.85	4.86/4.83	2.14/4.02	7.09/5.67	3.63/3.46
topology	3D	2D sheets	2D anionic chains	3D	2D sheets	2D sheets	2D anionic chains
secondary building unit	monomers	edge sharing chains	monomers	monomers and tetramers	monomers	point sharing chains	monomers
pure?	yes	no	no	no	no	no	no
role of dipyridyl	direct coordination	charge balancing	charge balancing	direct coordination	direct coordination	direct coordination	charge balancing

Table 2. Crystallographic Data for Compounds 1−7

compound	1	2	3	4	5	6	7
empirical formula	$C_{32}H_{46}N_2O_{13}U_2$	$C_{36}H_{48}N_2O_{16}U_2$	$C_{36}H_{47}N_2O_{16}U_2$	$C_{48}H_{60}N_4O_{26}U_5$	$C_{30}H_{38}N_2O_{12}U_2$	$C_{22}H_{28}N_2O_{10}U_2$	$C_{39}H_{58}N_2O_{18}U_2$
formula weight	2285.54	2462.93	1239.58	2299.45	1094.58	956.58	1318.93
crystal system	monoclinic	orthorhombic	monoclinic	triclinic	triclinic	monoclinic	monoclinic
space group	$C2$	$C222_1$	$P2_1/n$	$P\bar{1}$	$P\bar{1}$	$P2_1/n$	$C2/c$
a (Å)	20.5890(15)	12.534(2)	8.9327(5)	9.6535(9)	8.1535(3)	9.4706(4)	25.4837(8)
b (Å)	20.5391(15)	16.139(3)	19.2047(11)	9.7736(9)	9.4052(3)	8.3098(3)	15.9313(5)
c (Å)	10.4699(8)	25.294(4)	11.8920(7)	17.4401(17)	12.3338(4)	17.9773(6)	25.4808(11)
α (deg)	90	90	90	87.842(2)	108.60(1)	90	90
β (deg)	118.4780(10)	90	94.4790(10)	75.9440(10)	96.0540(10)	113.185(2)	118.76(2)
γ (deg)	90	90	90	70.2170(10)	100.7710(10)	90	90
V (Å^3)	3891.8(5)	5116.6(15)	2033.8(2)	1500.2(2)	866.67(5)	1300.53(9)	9068.4(6)
temp (K)	298	298	298	298	100	100	100
Z	4	4	4	1	2	4	8
λ (Mo Kα)	0.71073	0.71073	0.71073	0.71073	0.71073	0.71073	0.71073
D_{calc} (g cm^{-3})	1.950	3.197	2.026	2.545	2.097	2.437	1.932
μ (mm^{-1})	8.372	19.031	8.025	13.532	9.392	12.492	4.208
R_{int}	0.0964	0.1327	0.0390	0.0215	0.0181	0.0484	0.0478
R_1 [$I > 2\sigma(I)$]	0.0361	0.0522	0.0220	0.0191	0.0199	0.0174	0.0263
wR_2 [$I > 2\sigma(I)$]	0.0871	0.1216	0.0418	0.0423	0.0414	0.0428	0.0556

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