

Discrete and Polymeric Cu(II) complexes with a flexible bis-(pyridylpyrazole) ligand: Structural Diversity and Unexpected Solvothermal Reactivity

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Supporting Material

Figure S1: Thermogravimetric analysis trace for Complex 1

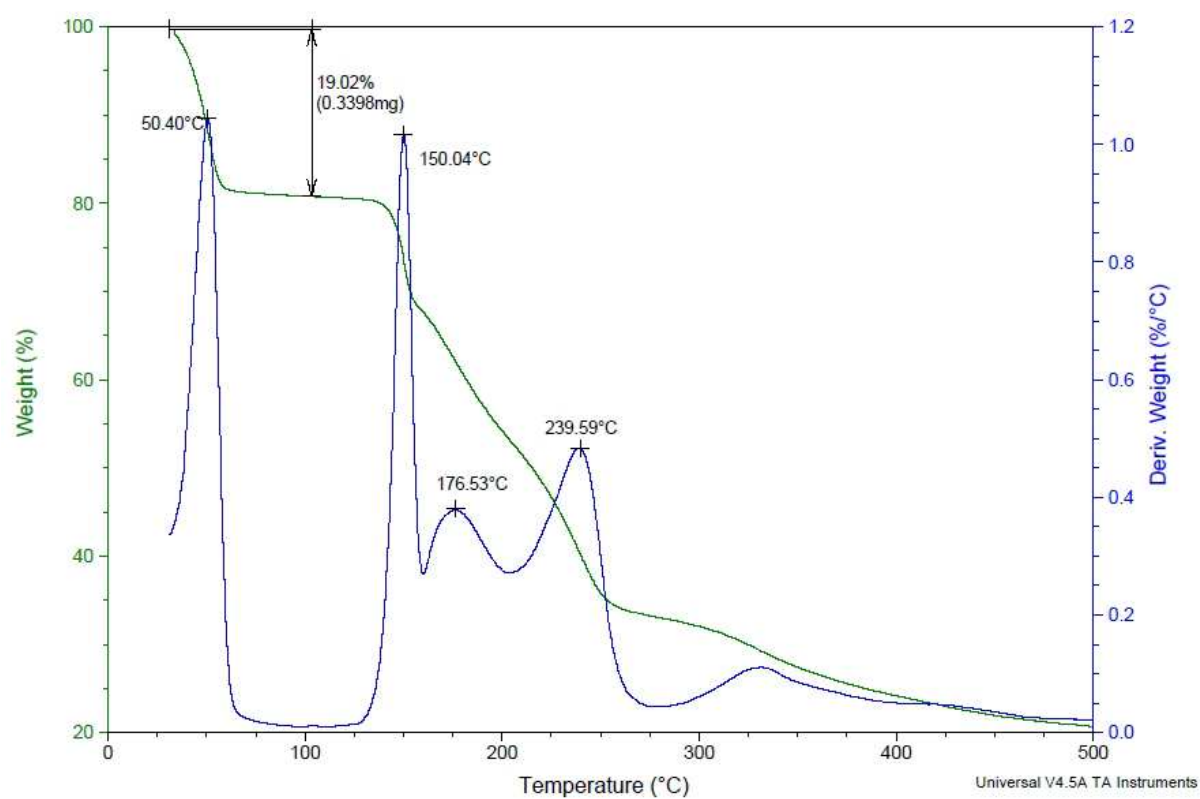


Figure S2: Thermogravimetric analysis trace for complex 2

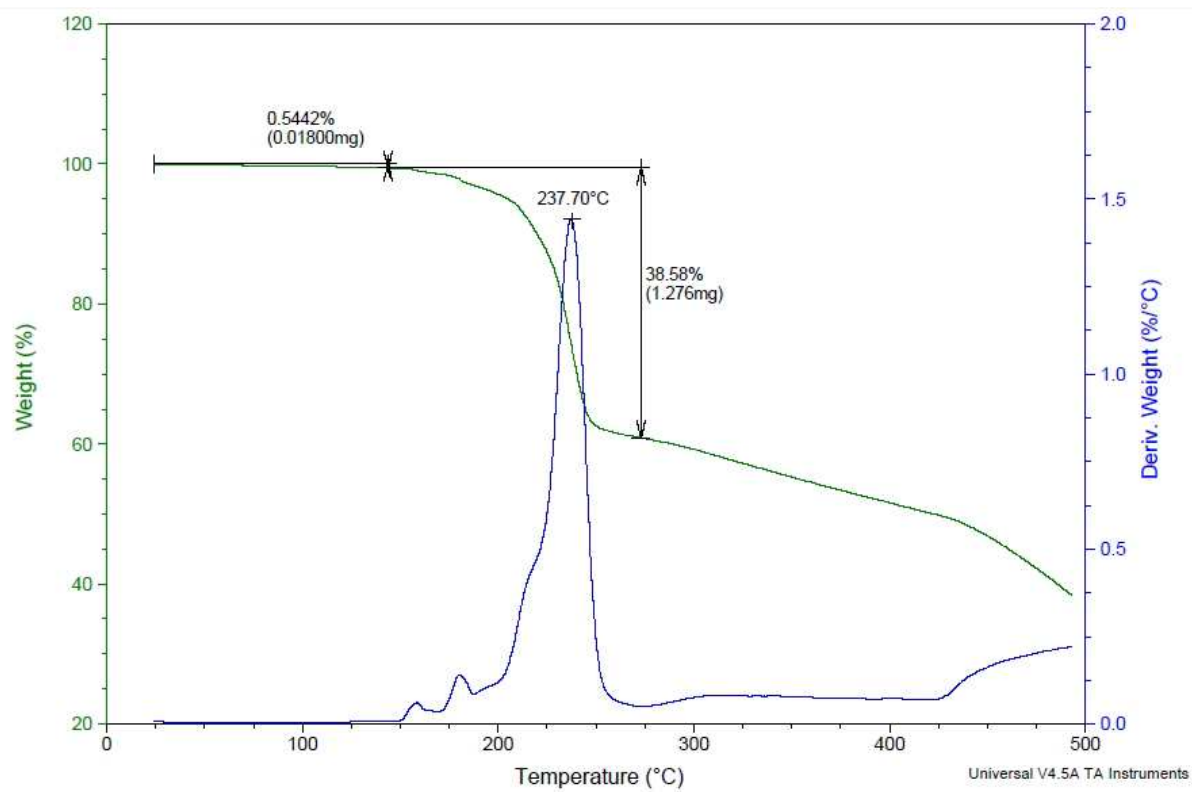


Figure S3: Thermogravimetric analysis trace for complex 3

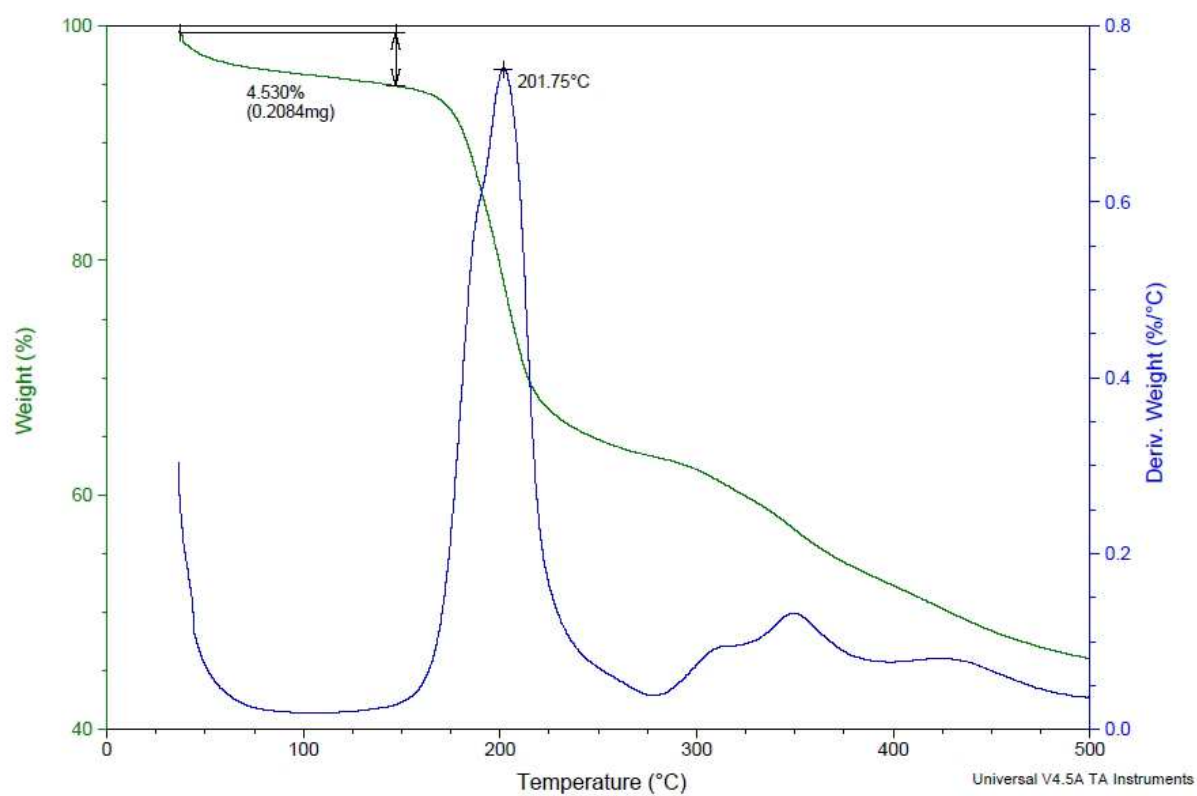


Figure S4: Thermogravimetric analysis trace for complex 4

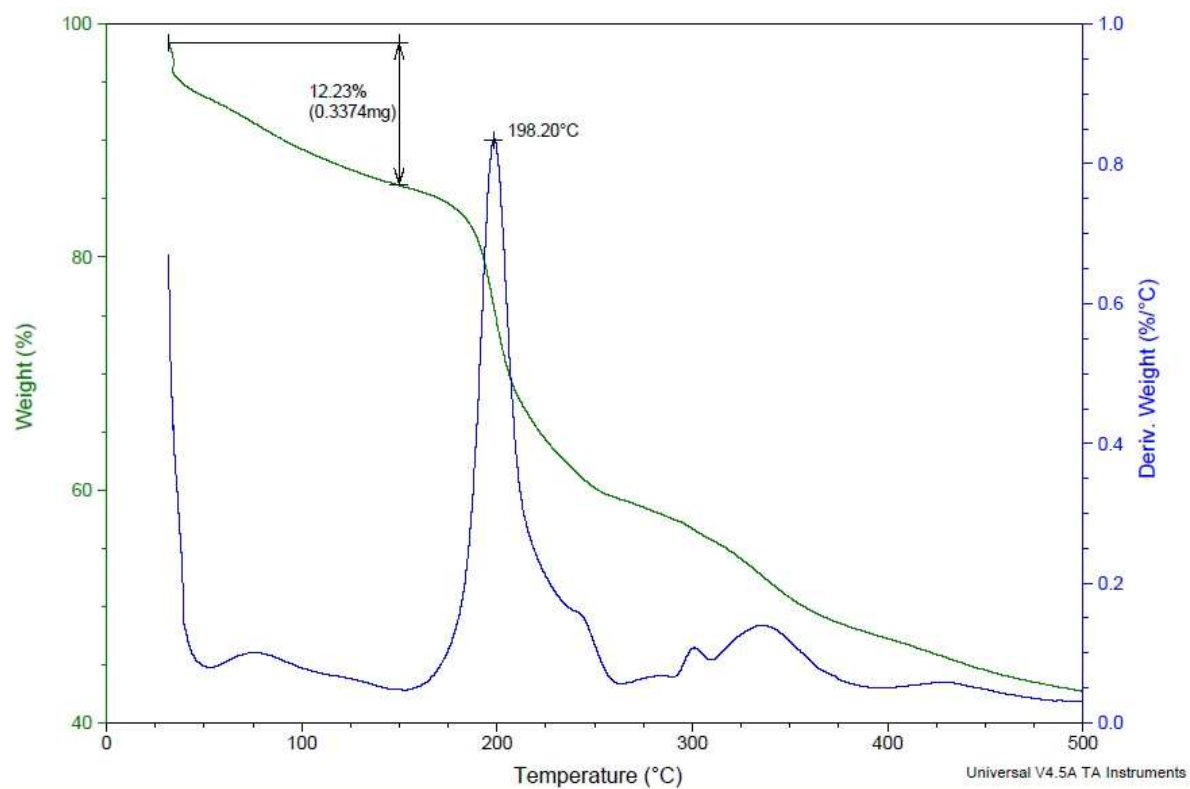


Table S1: Hydrogen Bonding Parameters for Structure 1

D	H	A	d(D-H)/Å	d(H-A)/Å	d(D-A)/Å	D-H-A/°
O27	H27A	O18 ¹	0.857(10)	1.871(10)	2.726(2)	176(3)
O27	H27B	O25 ²	0.846(10)	1.872(10)	2.717(2)	176(3)
O24	H24A	O26	0.852(10)	1.810(10)	2.656(2)	171(2)
O24	H24B	O20 ³	0.831(10)	2.089(14)	2.860(2)	154(2)
O26	H26A	O22 ⁴	0.844(10)	1.941(10)	2.784(2)	177(3)
O26	H26B	O27 ⁵	0.837(10)	1.958(13)	2.774(2)	165(3)
O25	H25A	O16 ³	0.857(10)	1.936(11)	2.781(2)	169(3)
O25	H25B	O24	0.847(10)	2.018(14)	2.832(2)	161(3)

¹1-X,-1+Y,3/2-Z; ²1-X,1-Y,1-Z; ³3/2-X,3/2-Y,1-Z; ⁴+X,-1+Y,+Z; ⁵1-X,+Y,3/2-Z

Table S2: Hydrogen Bonding Parameters for Structure 3

D	H	A	d(D-H)/Å	d(H-A)/Å	d(D-A)/Å	D-H-A/°
O16	H16	O17	0.94(2)	2.024(19)	2.859(8)	147.7(8)