Supplementary Information

Low-dimensional compounds containing bioactive ligands. Part XIX: Crystal structures and biological properties of copper complexes with halogen and nitro derivatives of 8-hydroxyquinoline

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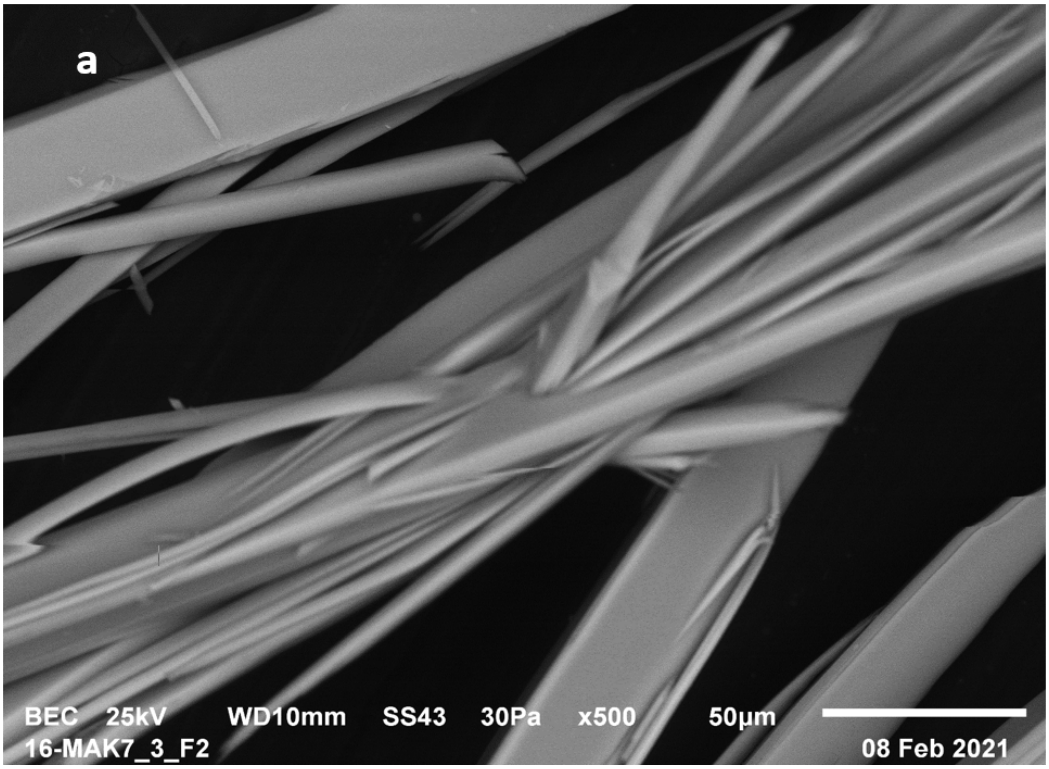

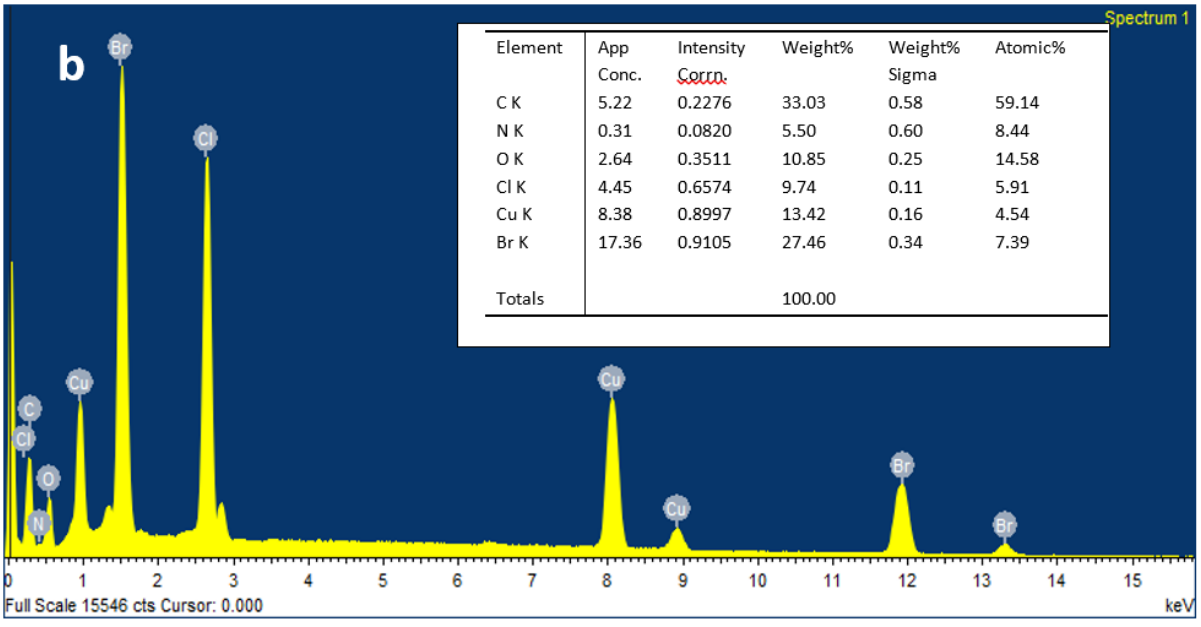

Element	App Conc.	Intensity Corrn.	Weight%	Weight% Sigma	Atomic%
C K	5.22	0.2276	33.03	0.58	59.14
N K	0.31	0.0820	5.50	0.60	8.44
O K	2.64	0.3511	10.85	0.25	14.58
Cl K	4.45	0.6574	9.74	0.11	5.91
Cu K	8.38	0.8997	13.42	0.16	4.54
Br K	17.36	0.9105	27.46	0.34	7.39
Totals			100.00		

Figure S1. SEM micrograph (a) of **1a** along with EDS elemental analysis (b).

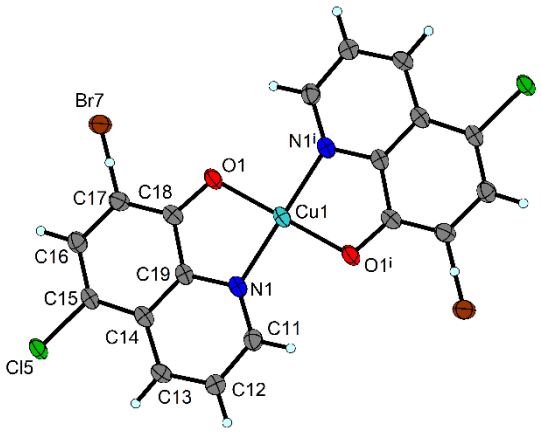

Figure S2. Molecular structure of **1a**. Displacement ellipsoids are drawn at the 50 % probability levels. Symmetry code: i = -*x*, -*y*+1, -*z*+1.

Table S1. Hydrogen bonds [Å and °] for **5** and **6**.

	D–H···A	*d*(D–H)	*d*(H···A)	*d*(D ···A)	< (DHA)
5	C12–H12···O2^{ii}	0.93	2.46	3.154(3)	132.0
	C3A–H3A3···O52^{iii}	0.96	2.47	3.348(6)	152.6
6	C12–H12···O72^{ii}	0.95	2.58	3.456(3)	154.2

Symmetry codes:
5: ii = *x*-1, *y*, *z*; iii = -*x*+2, -*y*+1, *z*;
6: ii = *x*-1, -*y*+3/2, *z*-1/2.