

ELECTRONIC SUPPLEMENTARY INFORMATION

(ESI)

Copper(II) quinolinonato-7-carboxamido complexes as potent antitumor agents with broad spectrum and selective effects

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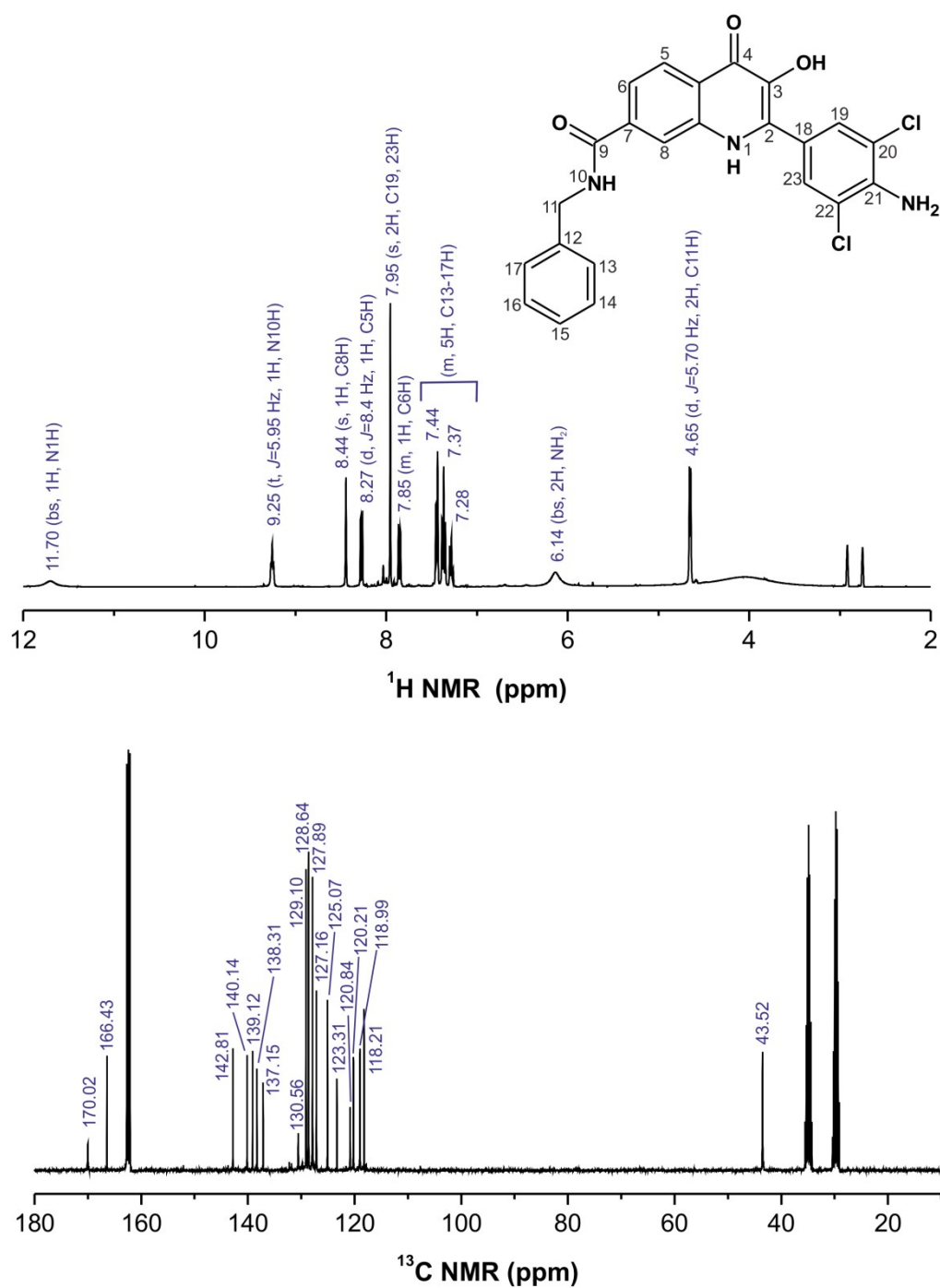


Figure S1. ¹H and ¹³C NMR spectra of *Hqui*⁴ (*Hqui*⁴ = 2-(4-amino-3,5-dichlorophenyl)-*N*-benzyl-3-hydroxy-4(1*H*)-quinolinone-7-carboxamide).

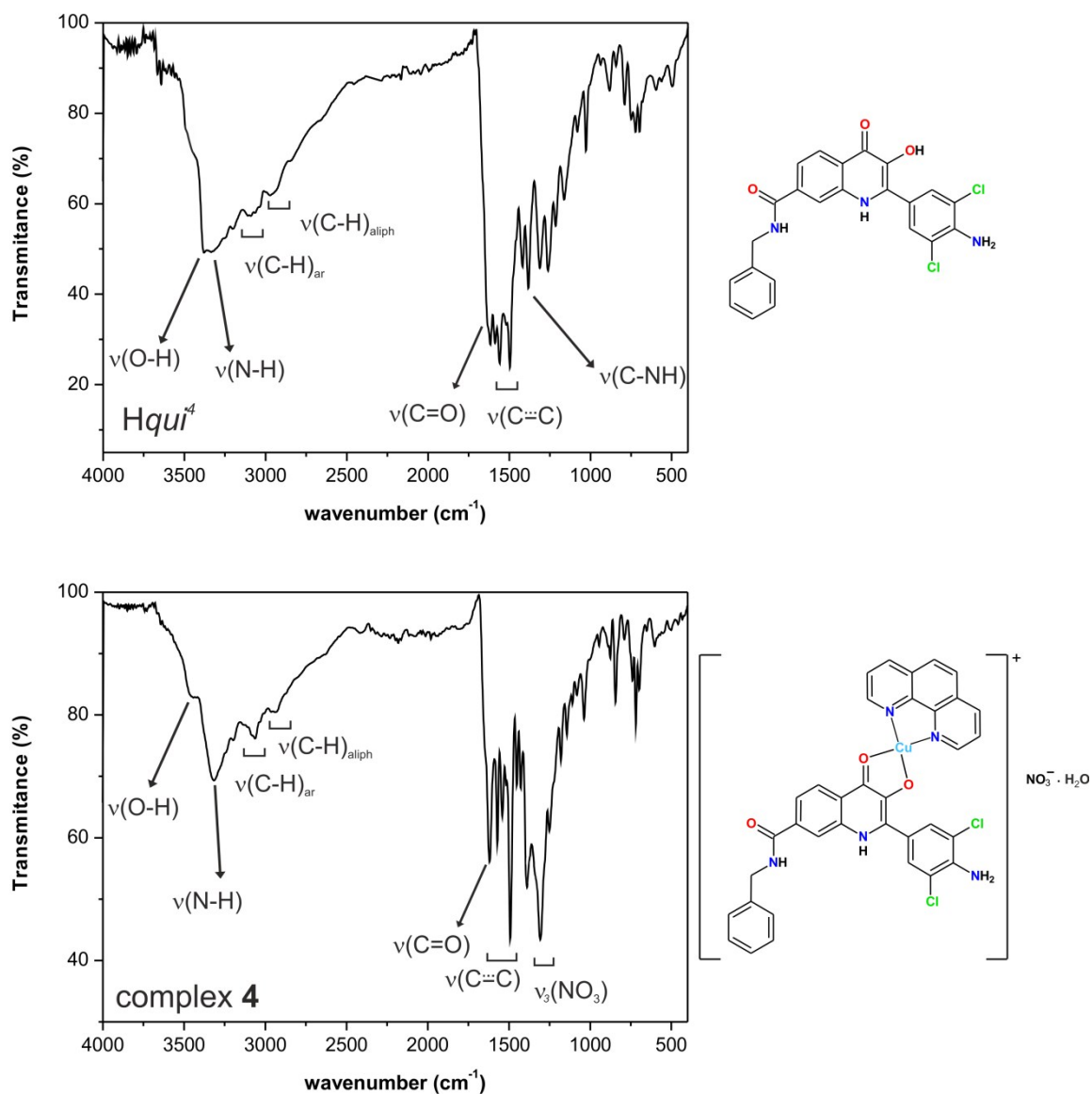


Figure S2. Mid-FTIR spectra of *Hqui*⁴ (up) and complex **4** $[\text{Cu}(\text{qui}^4)(\text{phen})]\text{NO}_3 \cdot \text{H}_2\text{O}$ (down).

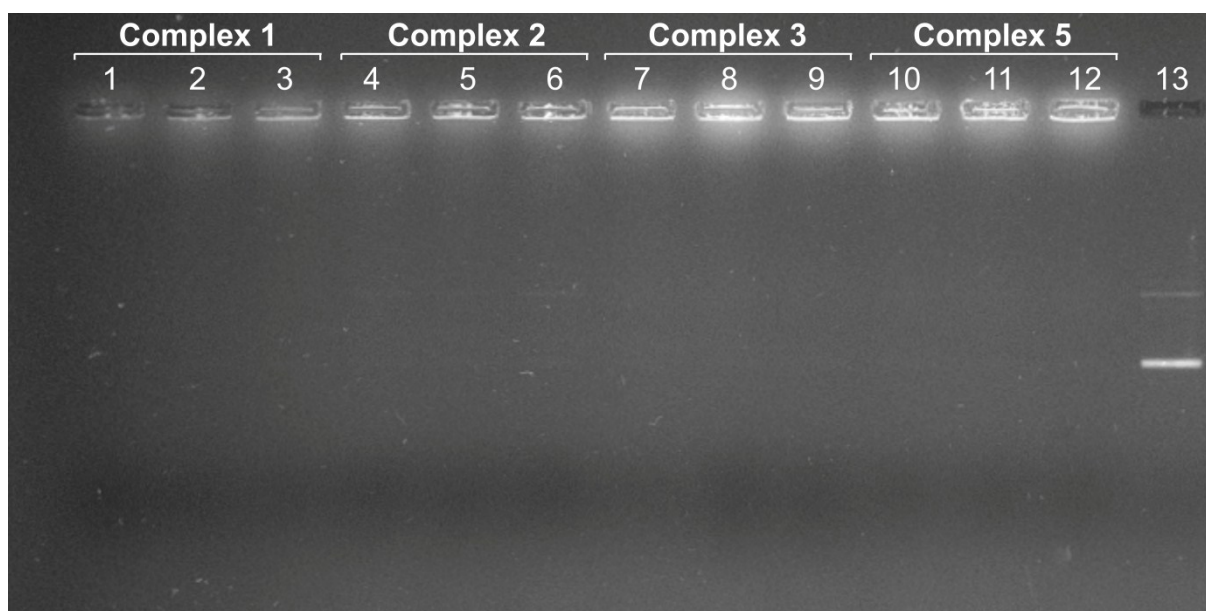


Figure S3. The electrophoreogram depicting the interactions of complexes **1** (lanes 1–3), **2** (lanes 4–6), **3** (lanes 7–9), and **5** (lanes 10–12) applied at 200 μ M concentration with pUC19 plasmid DNA. Blank sample contained only the native form of pUC19 plasmid DNA (lane 13).

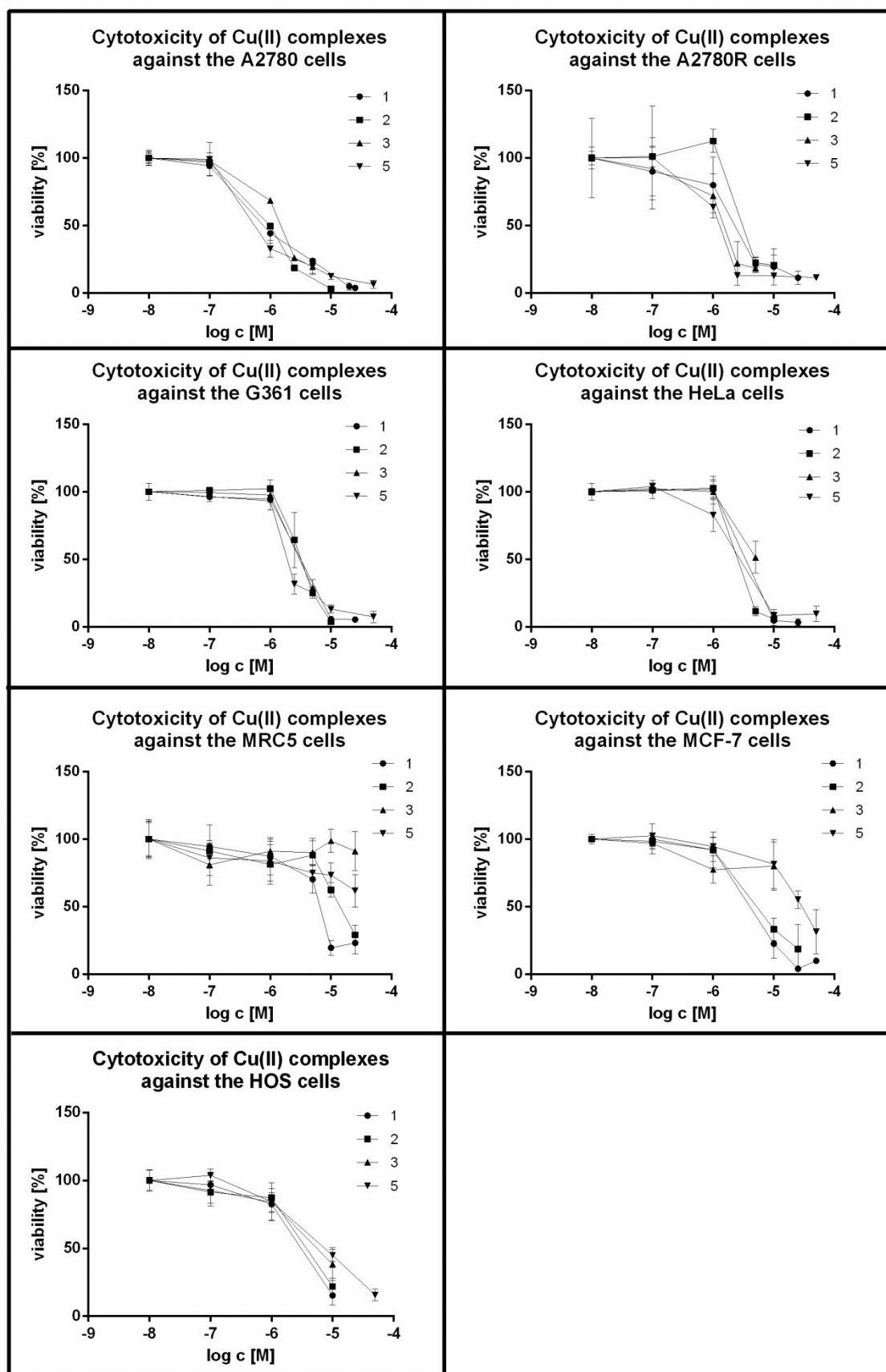


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