



SUPPLEMENTARY MATERIAL TO
***In vitro* antimicrobial activity and cytotoxicity of nickel(II)
complexes with different diamine ligands**

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1. Anal. Calcd. for C₆H₂₄Cl₂N₄NiO₂ (FW: 313.88): C, 22.96; H, 7.71; N, 17.85 %. Found: C, 23.09; H, 7.61; N, 17.86 %. IR (KBr, cm⁻¹): ≈3356*br*, 3304*vs*, 3234*vs*, 3150*m*, 2928*s*, 2885*m*, 1636*m*, 1586*s*, 1482*w*, 1470*w*, 1437*w*, 1396*w*, 1363*w*, 1325*w*, 1281*m*, 1250*w*, 1165*s*, 1104*w*, 1069*m*, 1023*s*, 914*m*, 889*m*, 669*m*, 482*m*. A_M (H₂O): 249 Ω⁻¹ cm² mol⁻¹.

2. Anal. Calcd. for C₁₀H₃₂Cl₂N₄NiO₂ (FW: 369.99): C, 32.46; H, 8.72; N, 15.14 %. Found: C, 32.30; H, 8.80; N, 15.43 %. IR (KBr, cm⁻¹): ≈3410*br*, 3315*vs*, 3228*vs*, 3146*m*, 2949*s*, 2855*m*, 1588*vs*, 1480*m*, 1461*w*, 1412*w*, 1389*w*, 1377*w*, 1366*w*, 1319*w*, 1254*w*, 1225*m*, 1135*m*, 1102*s*, 1066*s*, 985*s*, 889*m*, 762*m*, 627*s*, 589*m*, 538*m*. A_M (H₂O): 247 Ω⁻¹ cm² mol⁻¹.

3. Anal. Calcd. for C₁₀H₃₂Cl₂N₄NiO₂ (FW 369.99): C, 32.46; H, 8.72; N, 15.14 %. Found: C, 32.61; H, 9.04; N, 15.16 %. IR (KBr, cm⁻¹): ≈3320*br*, 3295*vs*, 3232*vs*, 3150*m*, 2922*s*, 2857*m*, 1634*m*, 1591*s*, 1578*s*, 1464*m*, 1457*m*, 1438*w*, 1404*m*, 1383*w*, 1365*w*, 1312*w*, 1279*m*, 1240*w*, 1204*s*, 1177*s*, 1138*m*, 1102*w*, 1079*m*, 1051*m*, 1021*m*, 985*m*, 953*w*, 922*s*, 863*m*, 707*m*, 633*s*, 555*w*, 463*w*. A_M (H₂O): 250 Ω⁻¹ cm² mol⁻¹.

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