

Synthesis, Crystal Structures and Antibacterial Activity of Nickel(II) and Copper(II) Complexes Derived from (*E*)-2-((2,3-dihydrobenzo[*b*][1,4]dioxin-6-yl)methylene)-*N*-phenylhydrazinecarbothioamide

Jing Wang^a, Haiyang Fei^a, Min Zhou^a, Chengcai Zhang^a, Juan Sun^{*b}, Yang Zhou^{*c},
Meng Yang^{*a}

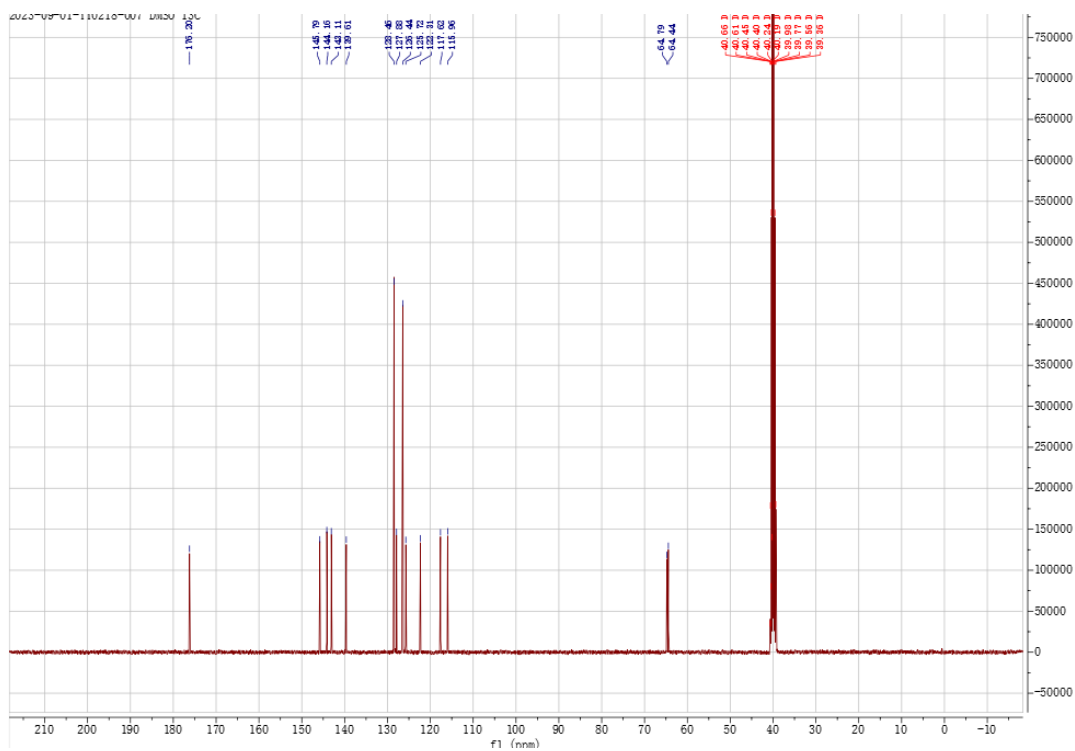
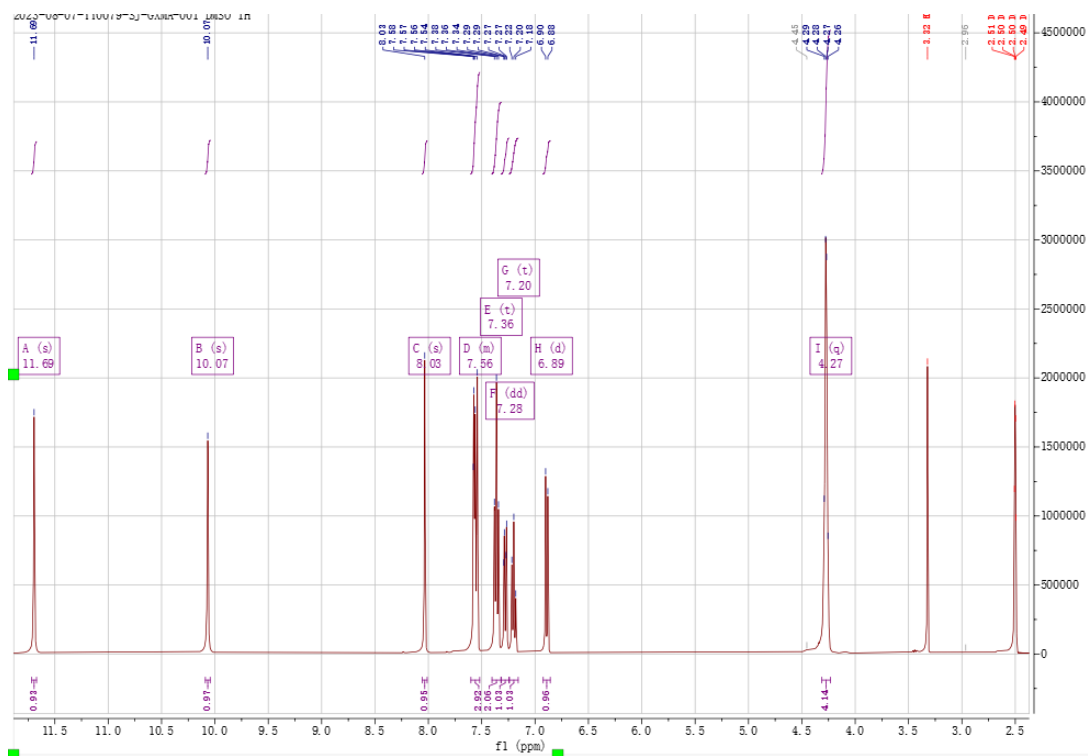
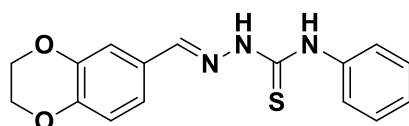
^a School of Pharmaceutical Engineering, Jiangsu Food & Pharmaceutical Science
College, Huai'an 223005, China

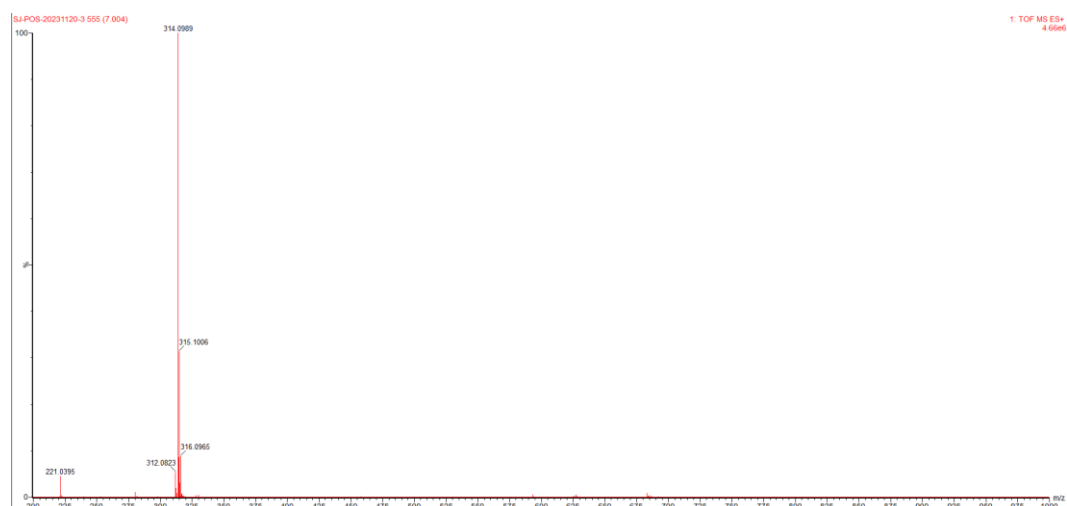
^b School of Biological & Chemical Engineering, Zhejiang University of Science &
Technology, Hangzhou 310023, PR China

^c Cixi Institute of Biomedical Engineering, Ningbo Institute of Materials Technology
and Engineering, Chinese Academy of Sciences, Ningbo 315300, China

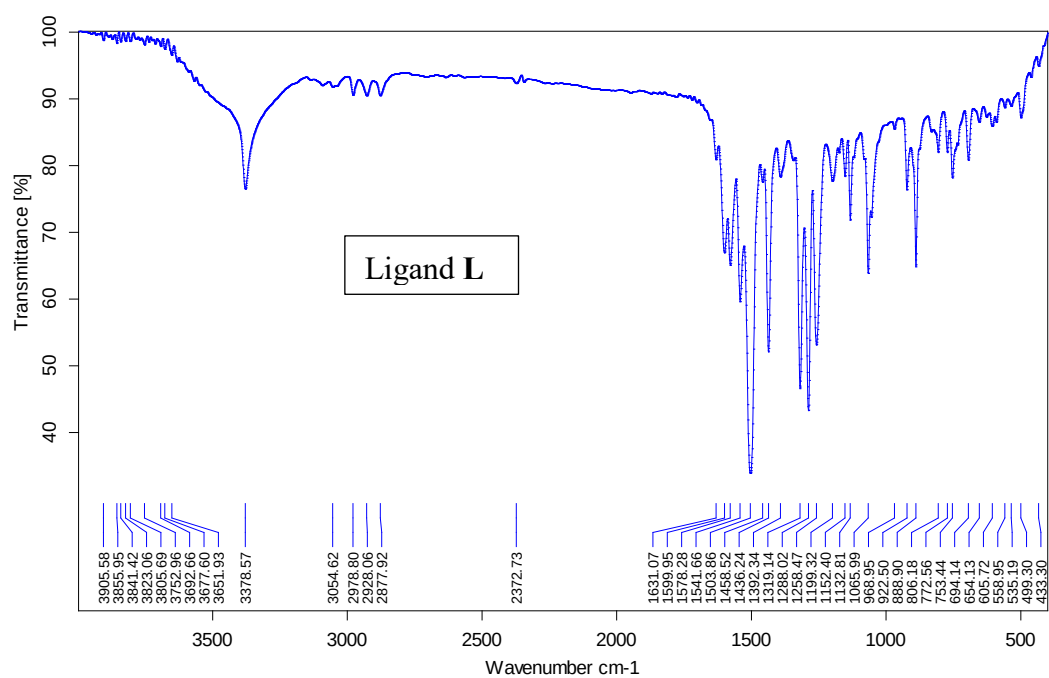
Corresponding author: J. Sun (sunjuan18@zust.edu.cn); Y. Zhou
(zhouyang876@nimte.ac.cn); M. Yang (yangmenghuaian@163.com)

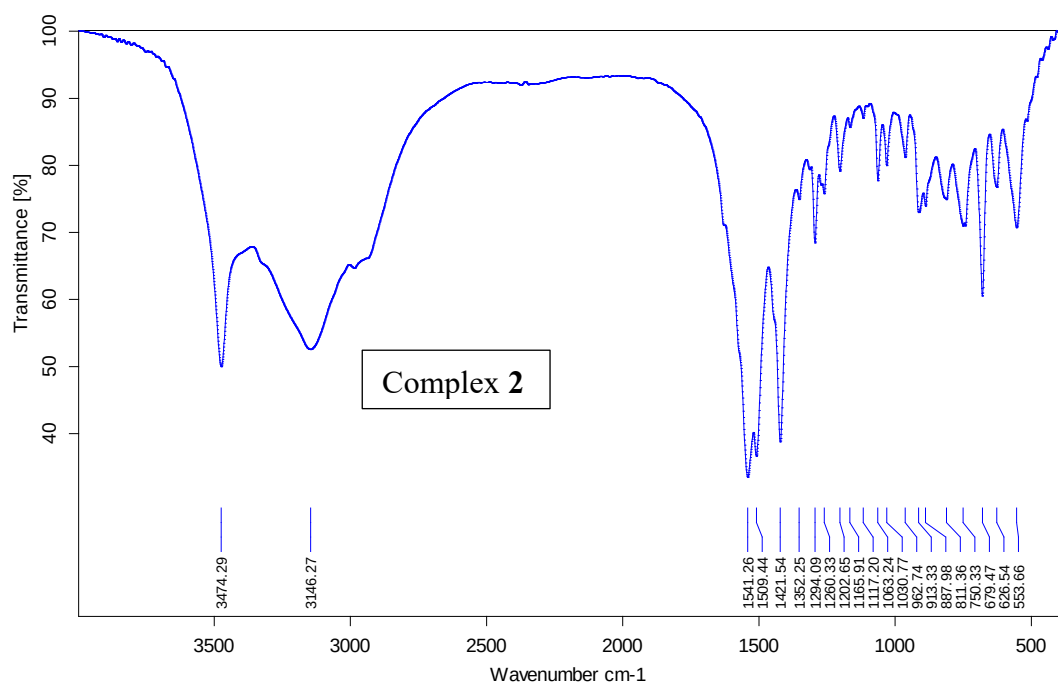
The ^1H NMR, ^{13}C NMR and HRMS spectral data of the ligand **L**.



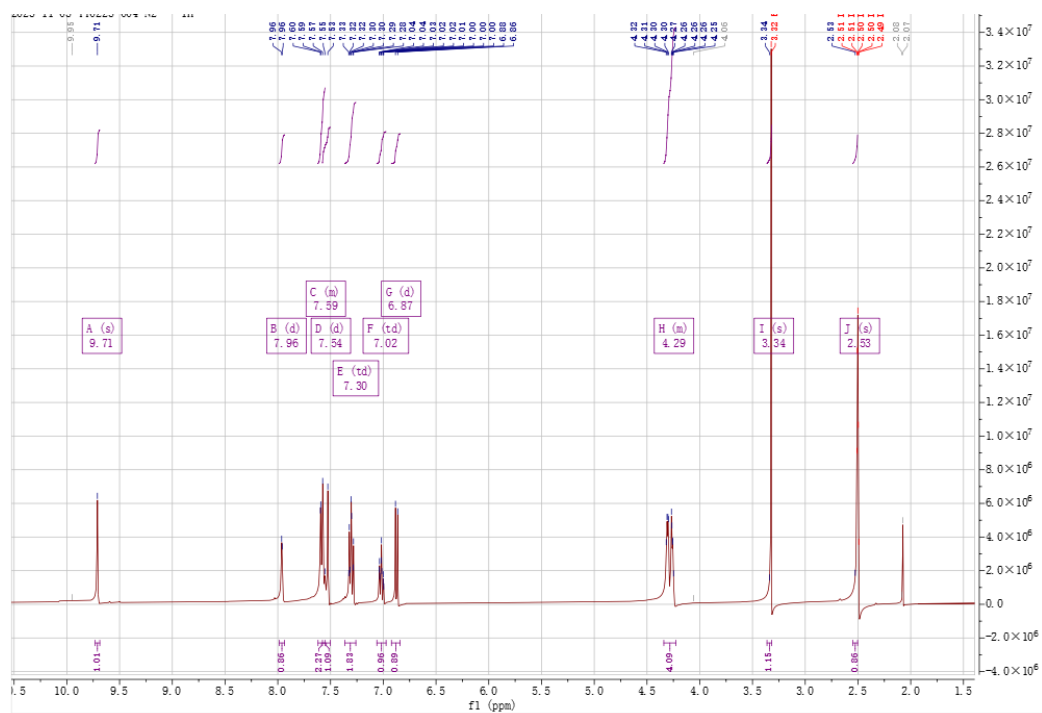


The IR spectral data of the ligand **L** and Complex **2** ($[\text{CuL}_2]$).





The ¹H NMR and HRMS spectral data of the Complex **1** ([NiL₂]).



SJ-POS-20231120-2 672 (8.479)

1. TOF MS ES+
6.8465

