

Supplementary material for the article:

Pantić, D. N.; Mihajlović-Lalić, L. E.; Aranđelović, S.; Radulović, S.; Grgurić-Šipka, S. Synthesis, Characterization and Cytotoxic Activity of Organoruthenium(II)-Halido Complexes with 5-Chloro-1H-Benzimidazole-2-Carboxylic Acid. *Journal of Coordination Chemistry* **2019**, 72 (5–7), 908–919. <https://doi.org/10.1080/00958972.2019.1583332>

Supporting Information

Synthesis, characterization and cytotoxic activity of organoruthenium(II)-halido complexes with 5-chloro-1*H*-benzimidazole-2-carboxylic acid

DARKO N. PANTIĆ, LJILJANA E. MIHAJLOVIĆ-LALIĆ*, SANDRA ARANĐELOVIĆ,
SINIŠA RADULOVIĆ and SANJA GRGURIĆ-ŠIPKA

Table of Contents

NMR Spectroscopy

¹ H NMR spectra of 1–3	S1–3
¹³ C NMR spectra of 1–3	S4–6

UV-Vis Spectroscopy

UV-Vis spectra of 1–3	S7–9
------------------------------------	------

NMR Spectroscopy

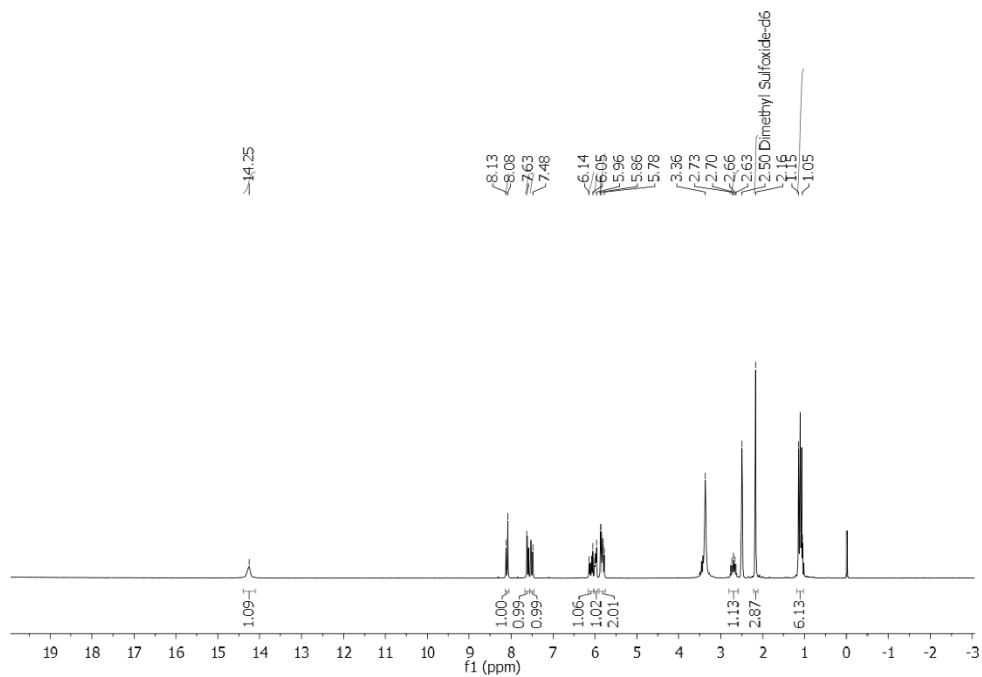


Figure S1. ^1H NMR spectra of **1** recorded in DMSO.

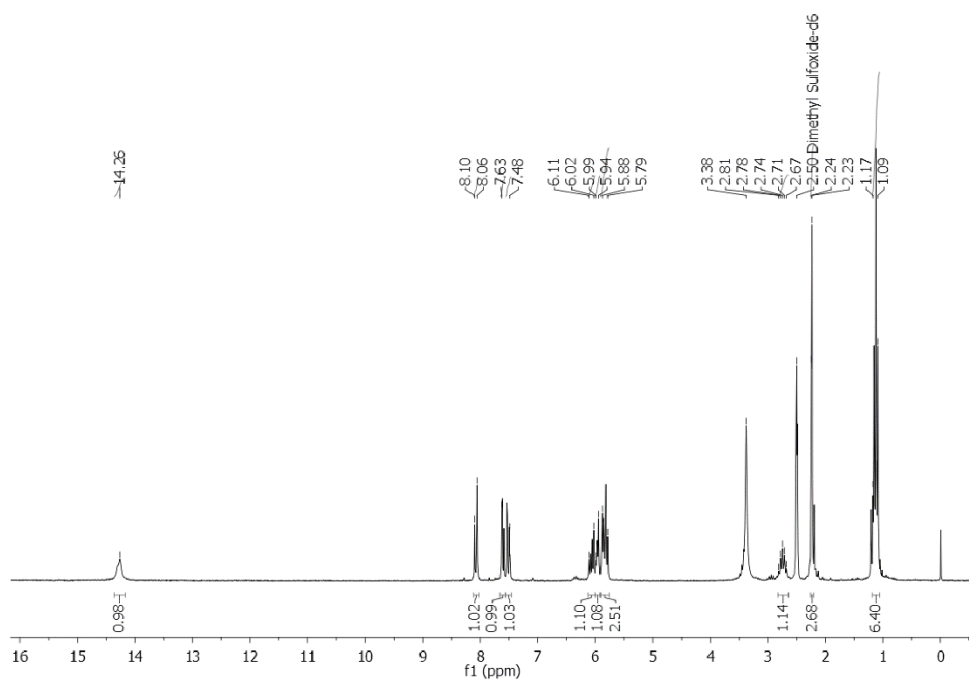


Figure S2. ^1H NMR spectra of **2** recorded in DMSO.

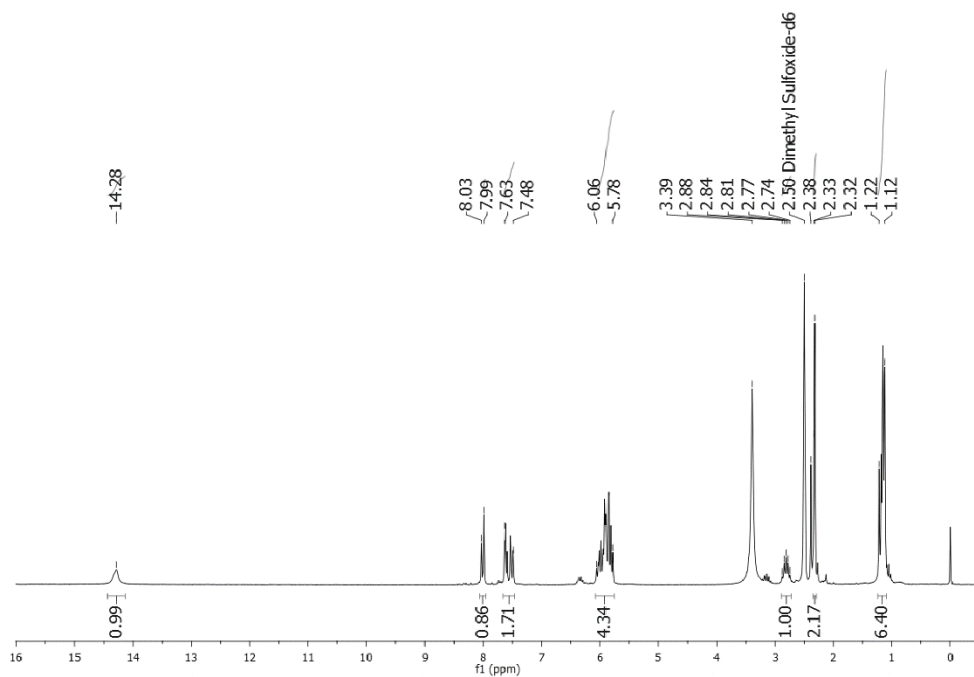


Figure S3. ^1H NMR spectra of **3** recorded in DMSO.

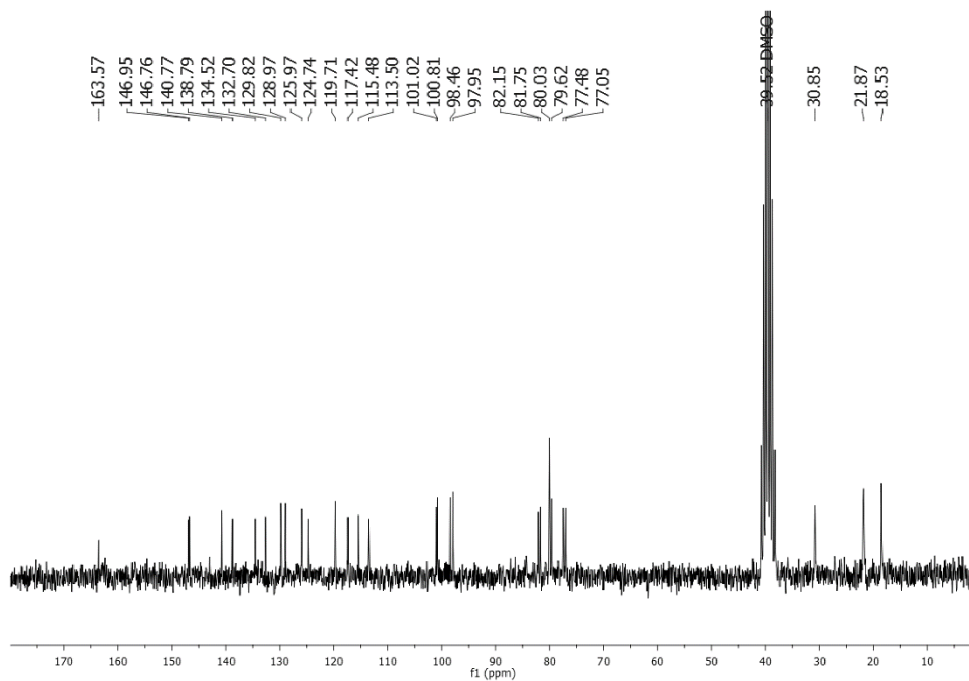


Figure S4. ^{13}C NMR spectra of **1** recorded in DMSO.

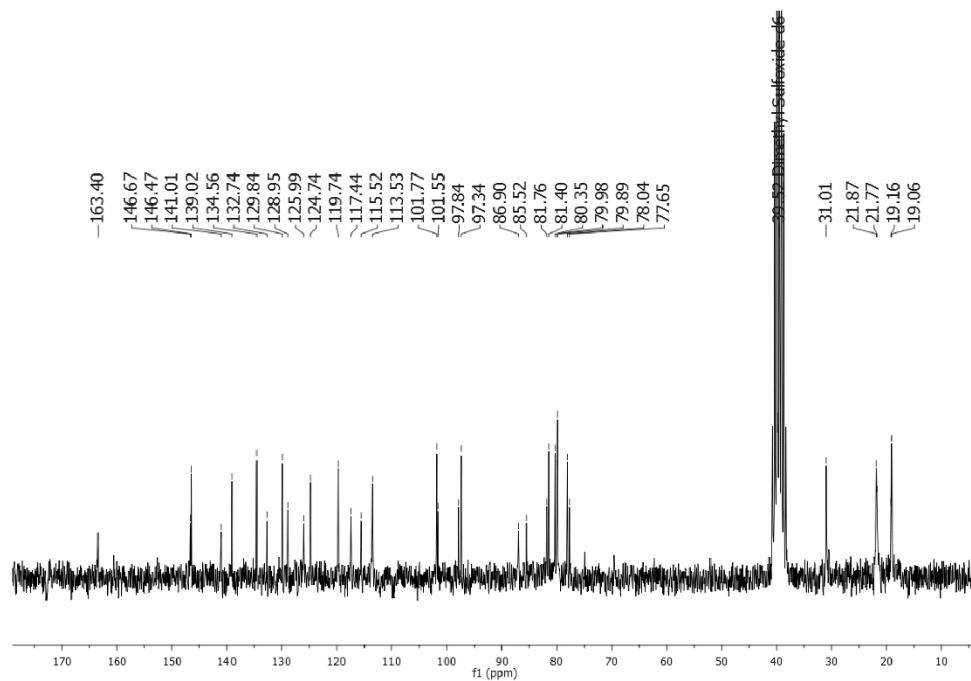


Figure S5. ^{13}C NMR spectra of **2** recorded in DMSO.

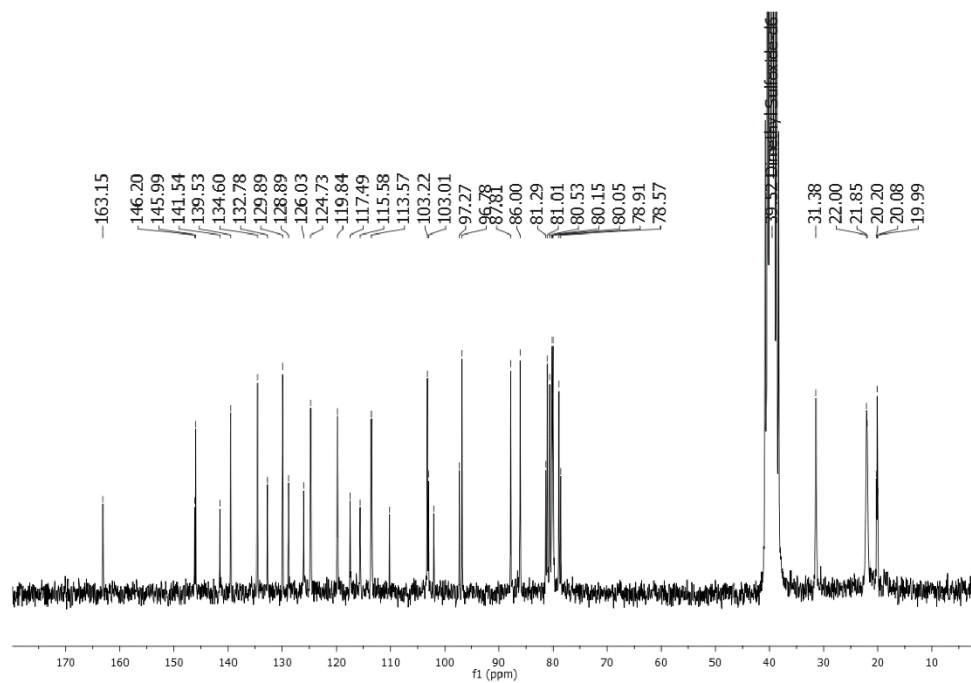


Figure S6. ^{13}C NMR spectra of **3** recorded in DMSO.

UV-Vis spectroscopy

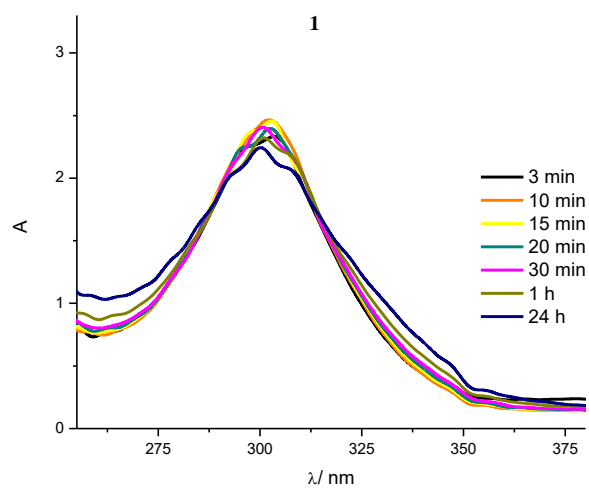


Figure S7. UV-Vis spectrum of **1** in water-PEG400 mixture (1:1) at 25 °C during 24 h.

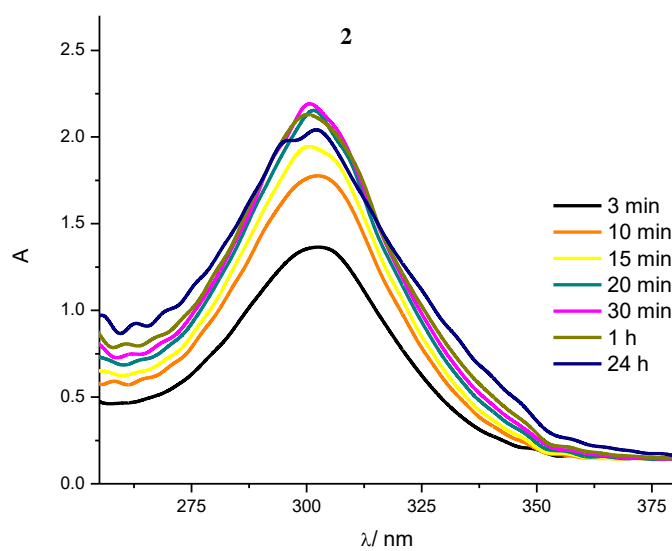


Figure S8. UV-Vis spectrum of **2** in water-PEG400 mixture (1:1) at 25 °C during 24 h.

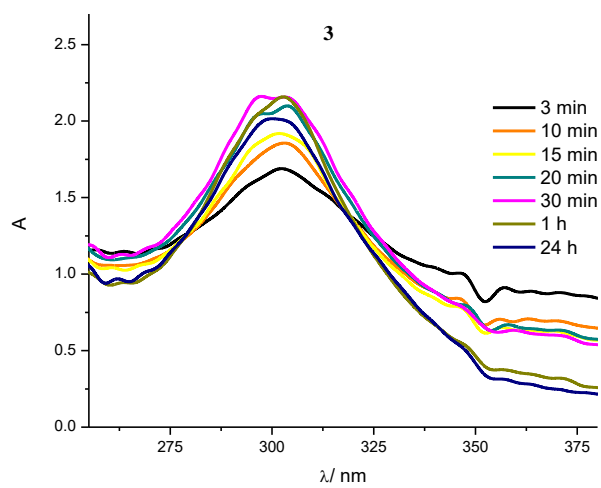


Figure S9. UV-Vis spectrum of **3** in water-PEG400 mixture (1:1) at 25 °C during 24 h.