

**Synthesis of aerothionin analogs as potential
antimycobacterial agents**

appendix 1

Martina Šimovičová

NMR SPECTRA OF THE PREPARED FINAL COMPOUNDS

MS-22

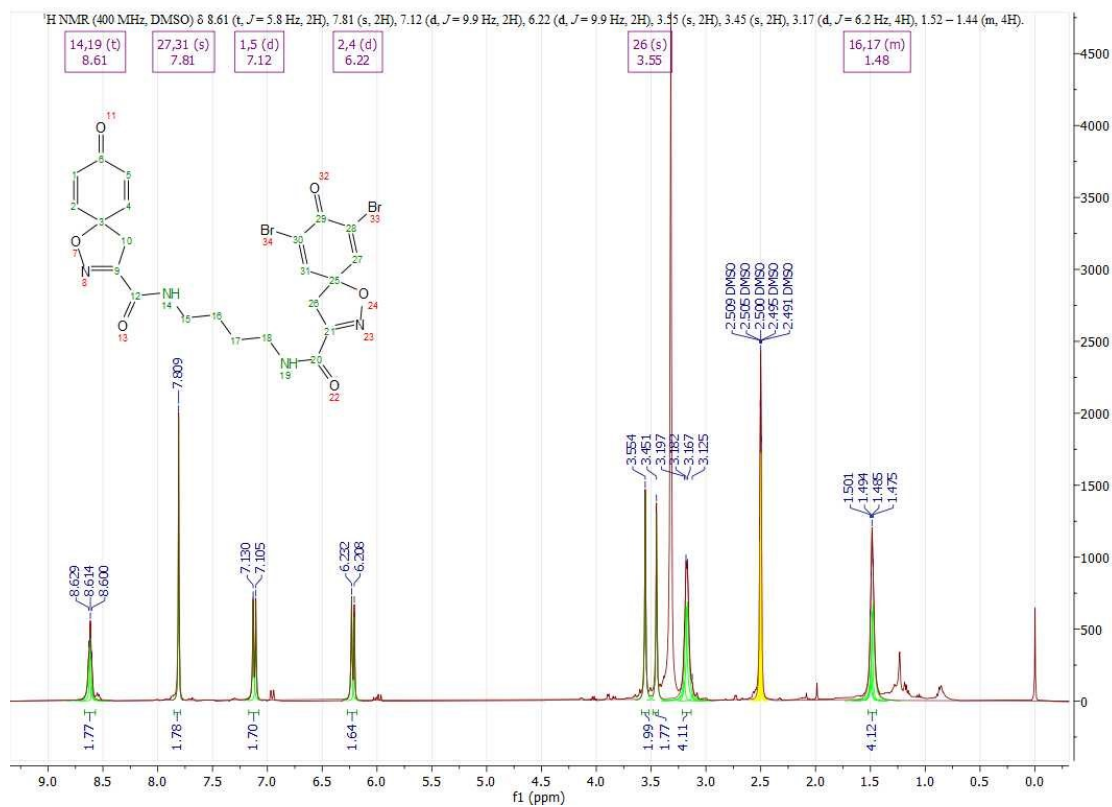


Figure A1: MS-22 – proton spectrum.

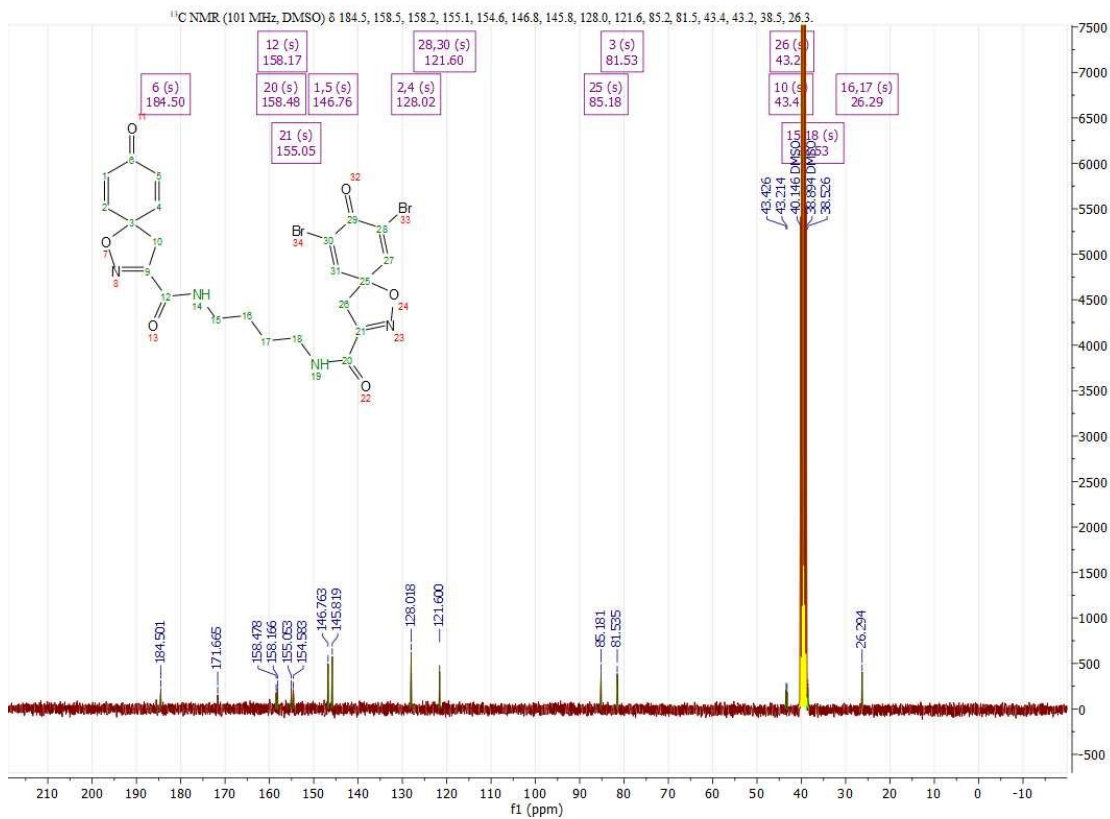


Figure A2: MS-22 – carbon spectrum.

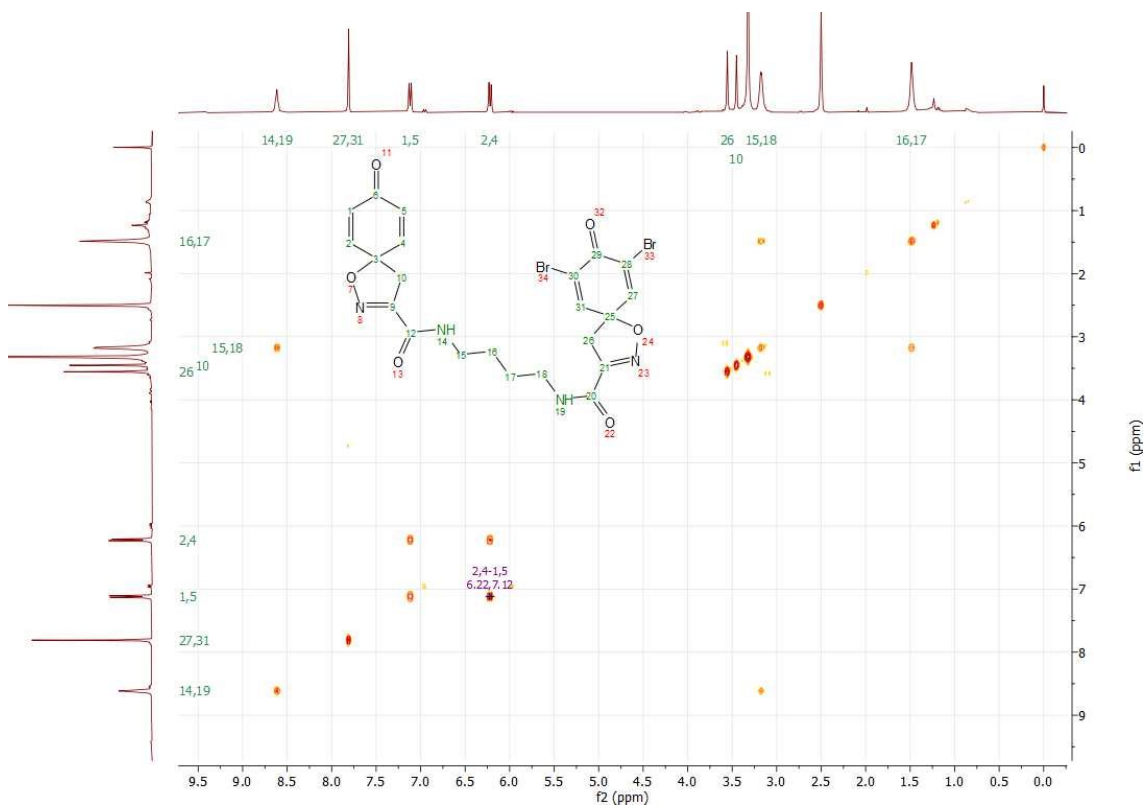


Figure A3: MS-22 – ¹H-¹H Correlation Spectroscopy (COSY) spectrum.

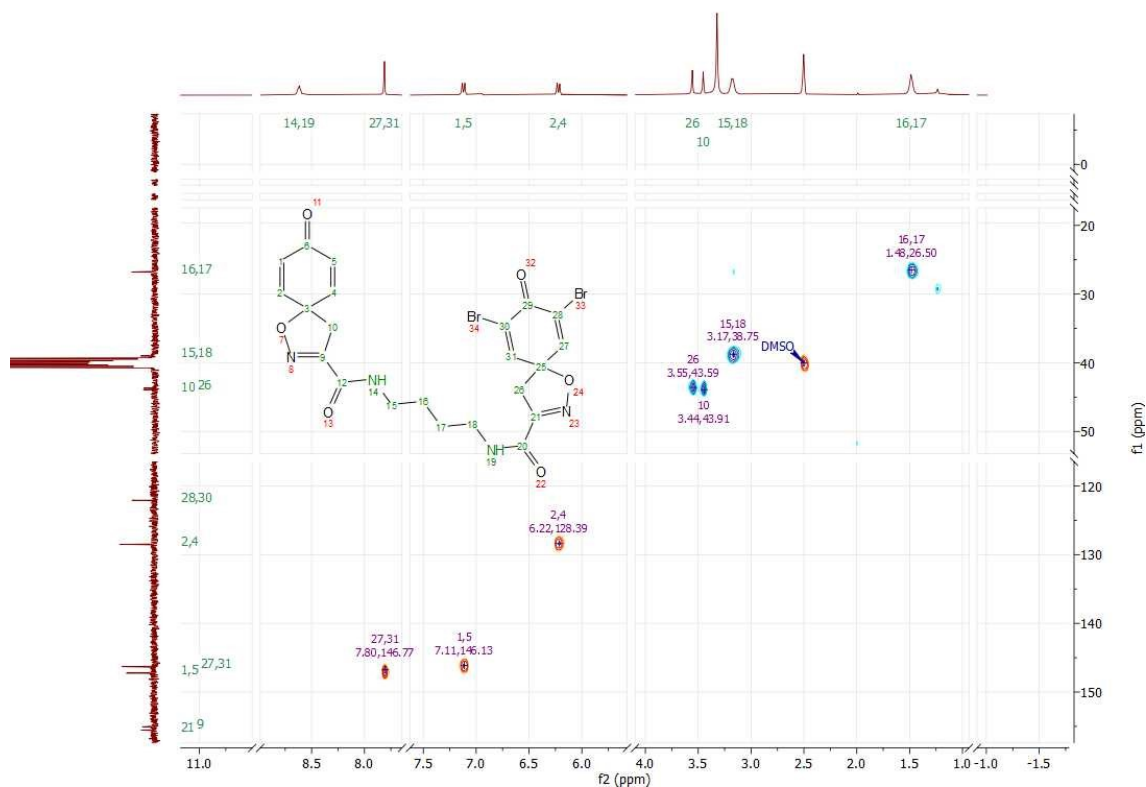


Figure A4: MS-22 - ^1H - ^{13}C Heteronuclear Single Quantum Coherence Spectroscopy (HSQC) spectrum.

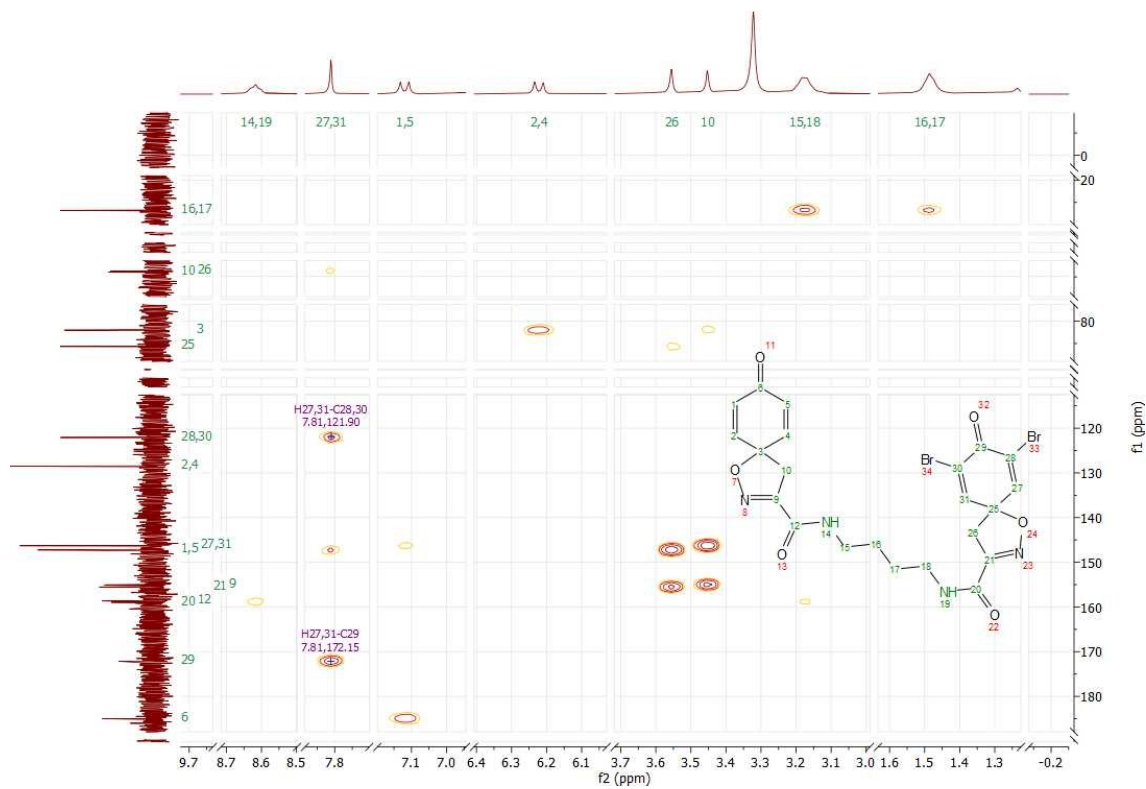


Figure A5: MS-22 - ^1H - ^{13}C Heteronuclear Multiple Bond Correlation Spectroscopy (HMBC) spectrum.

MS-30

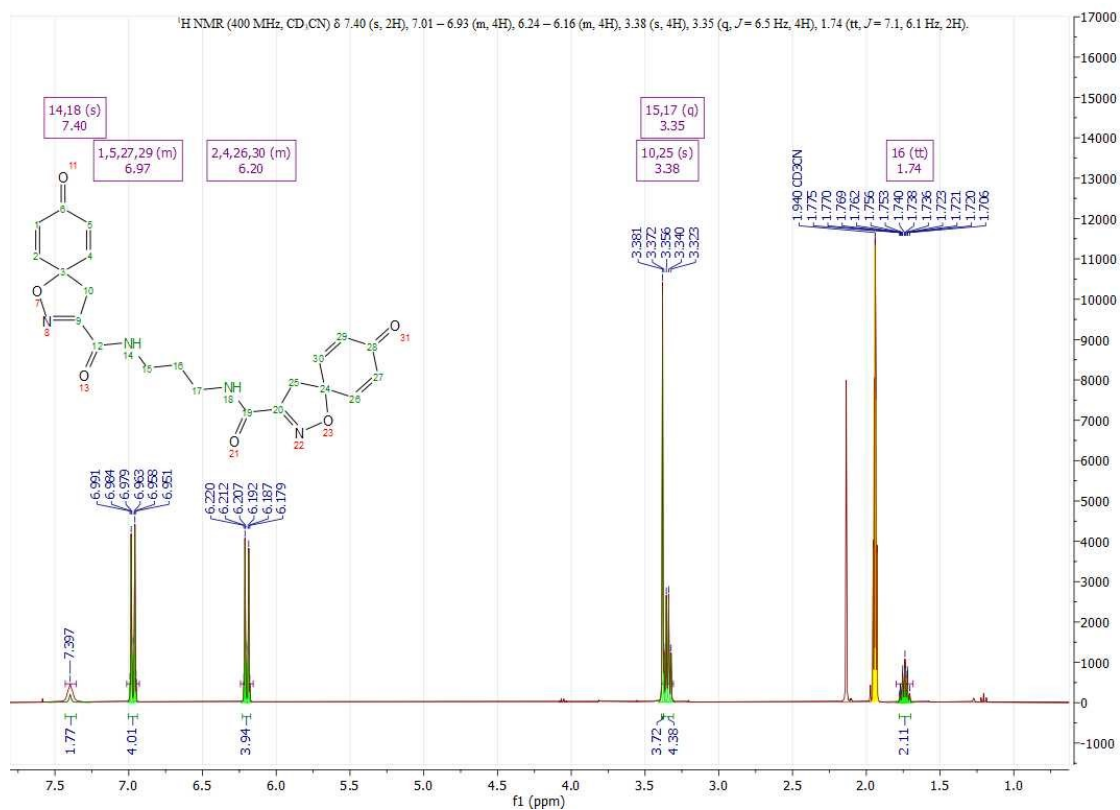


Figure A6: MS-30 – proton spectrum.

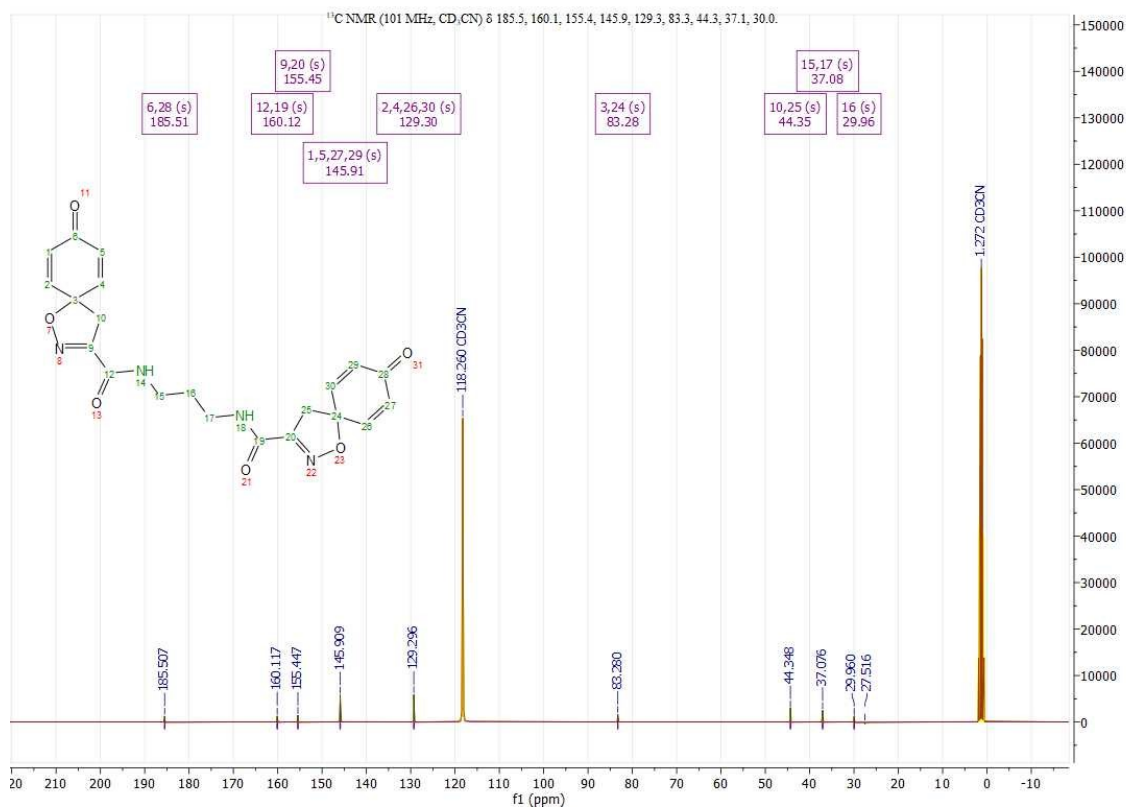


Figure A7: MS-30 – carbon spectrum.

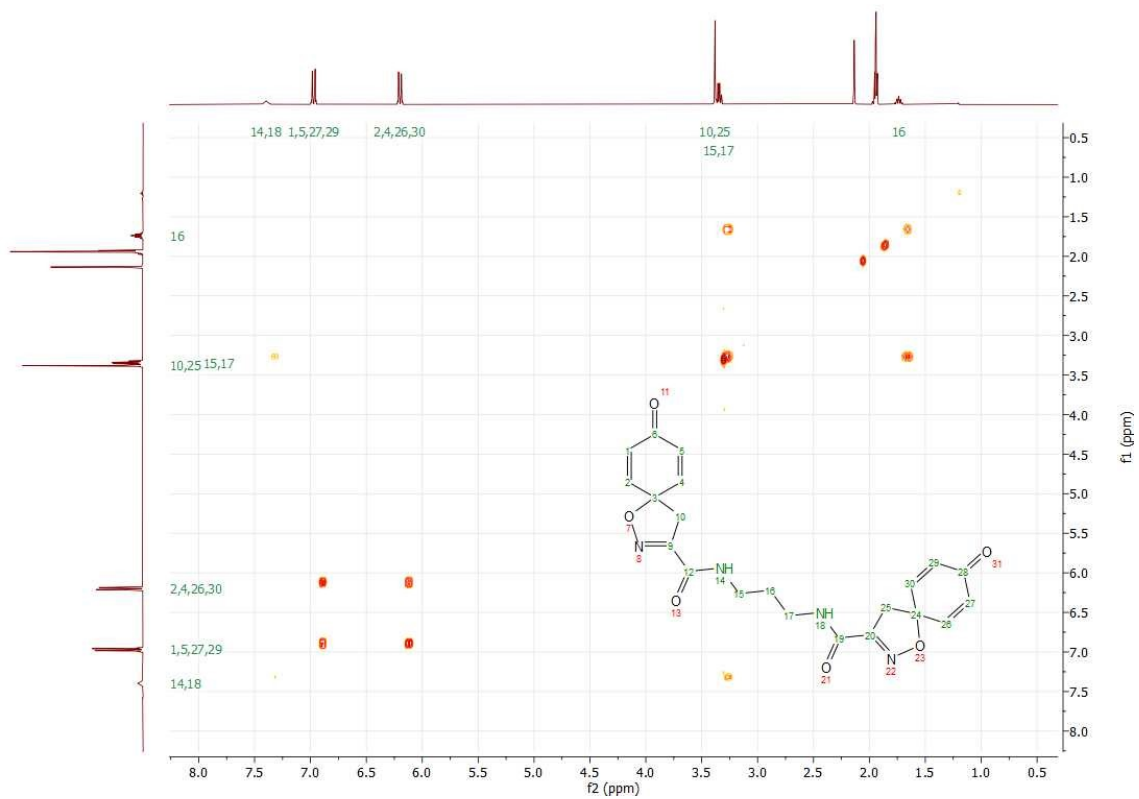


Figure A8: MS-30 – COSY spectrum.

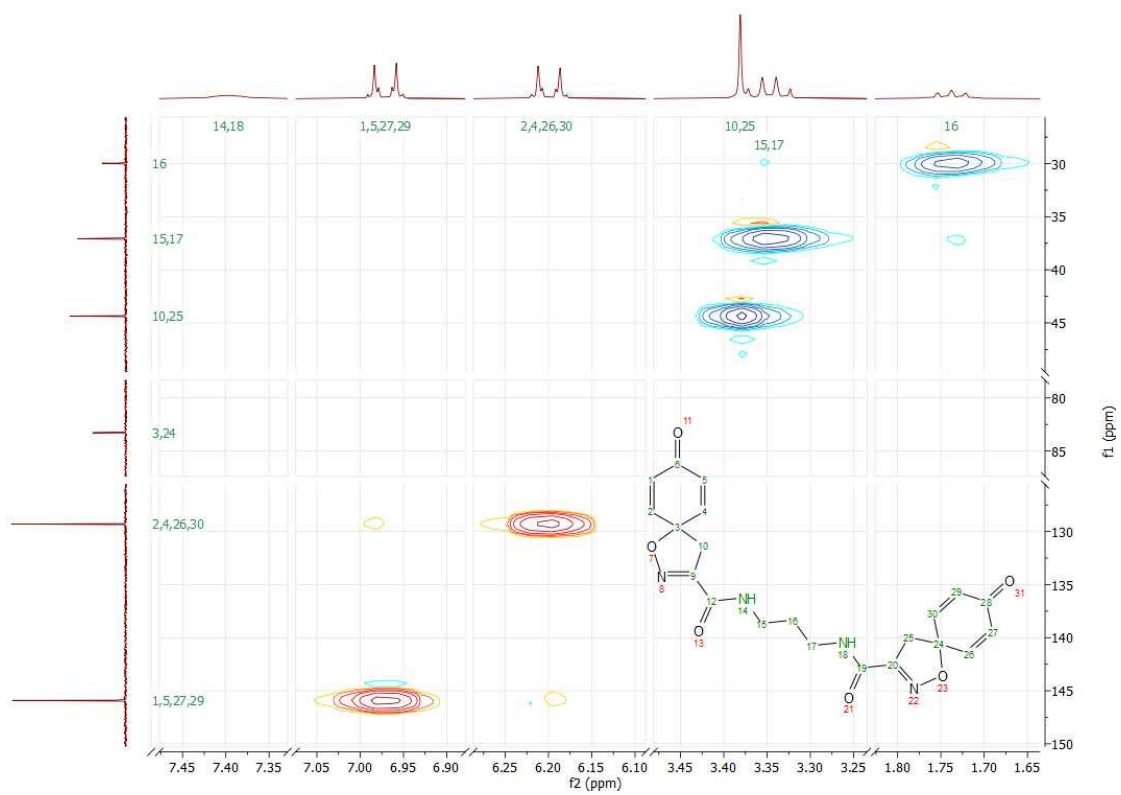


Figure A9: MS-30 – HSQC spectrum.

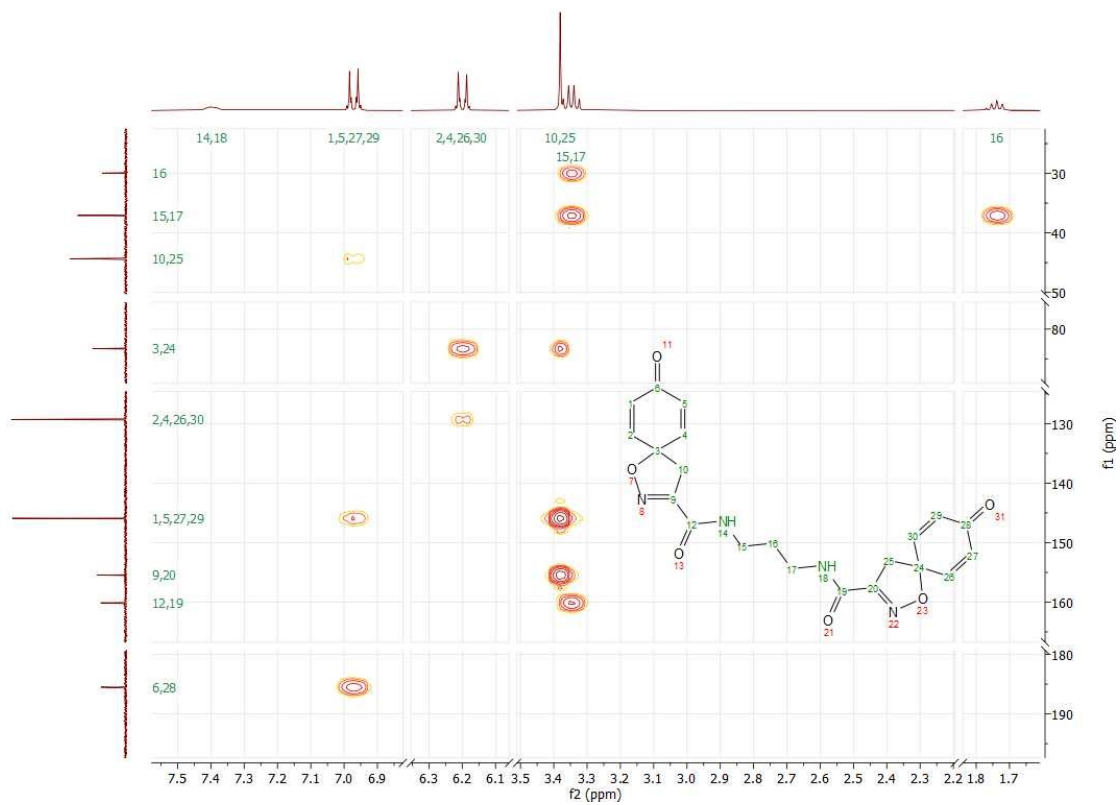


Figure A10: MS-30 – HMBC spectrum.

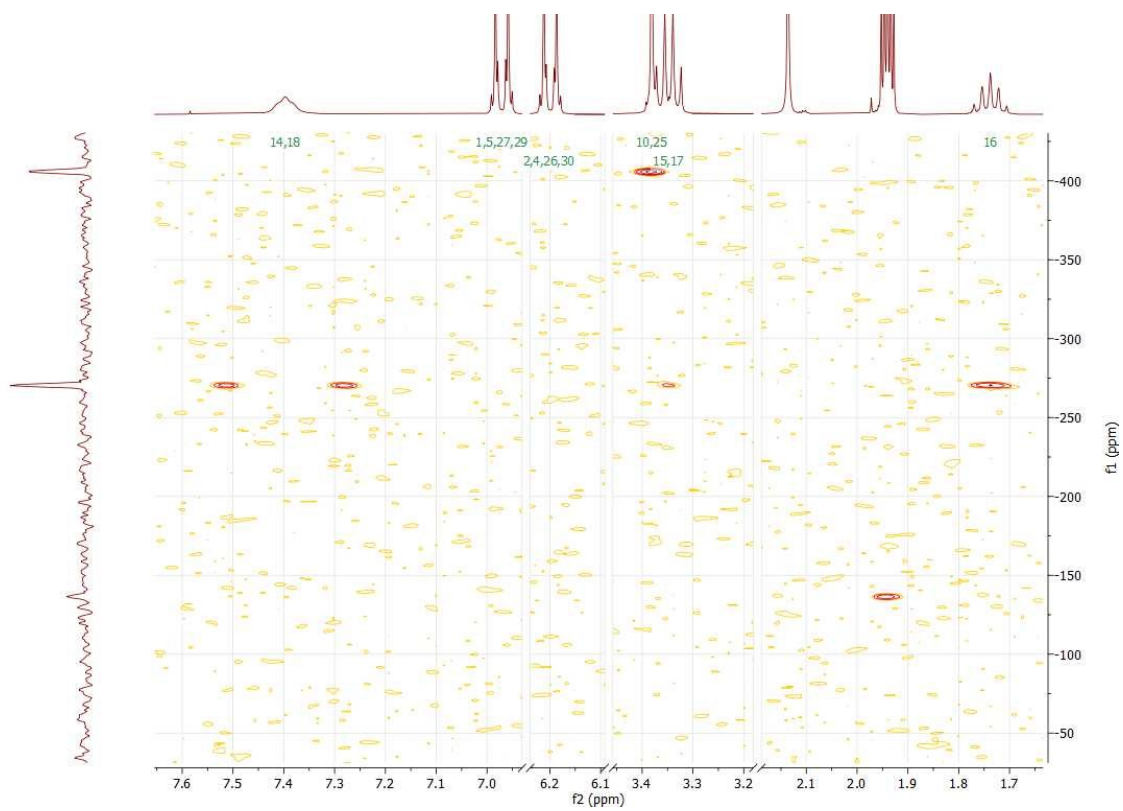


Figure A11: MS-30 – 2D ^1H - ^{15}N shift-correlated spectrum.

MS-31

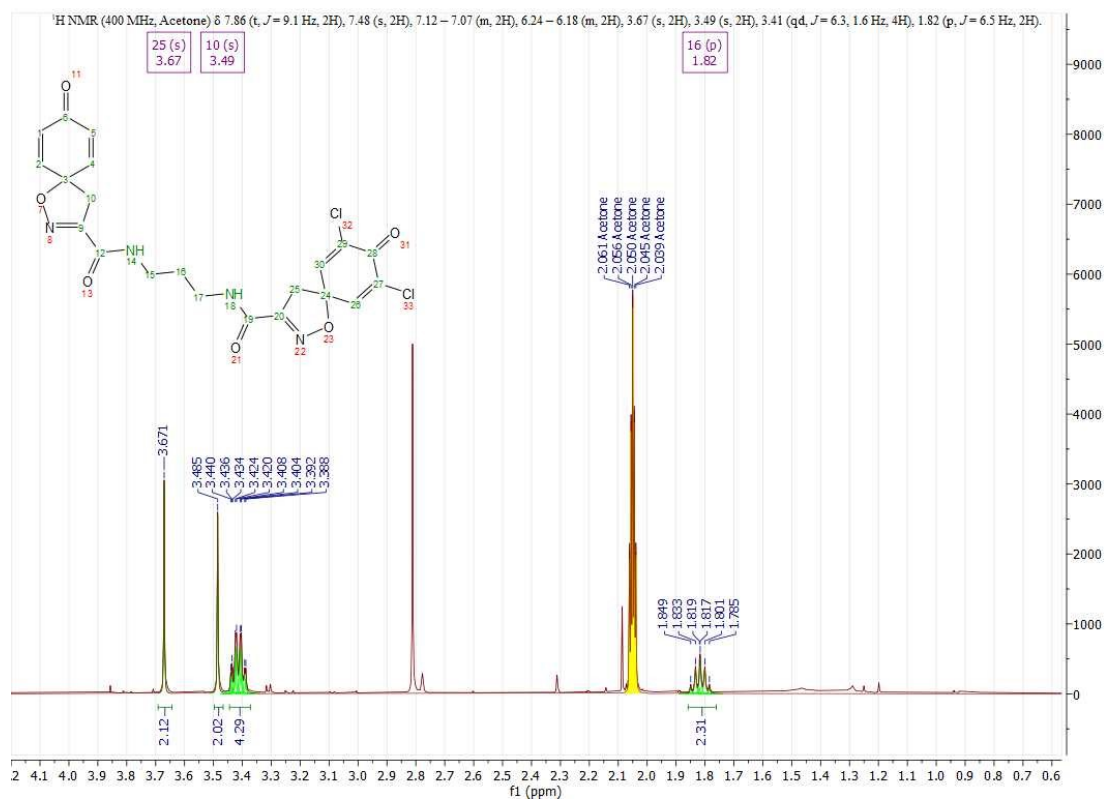


Figure A12: MS-31 – proton spectrum.

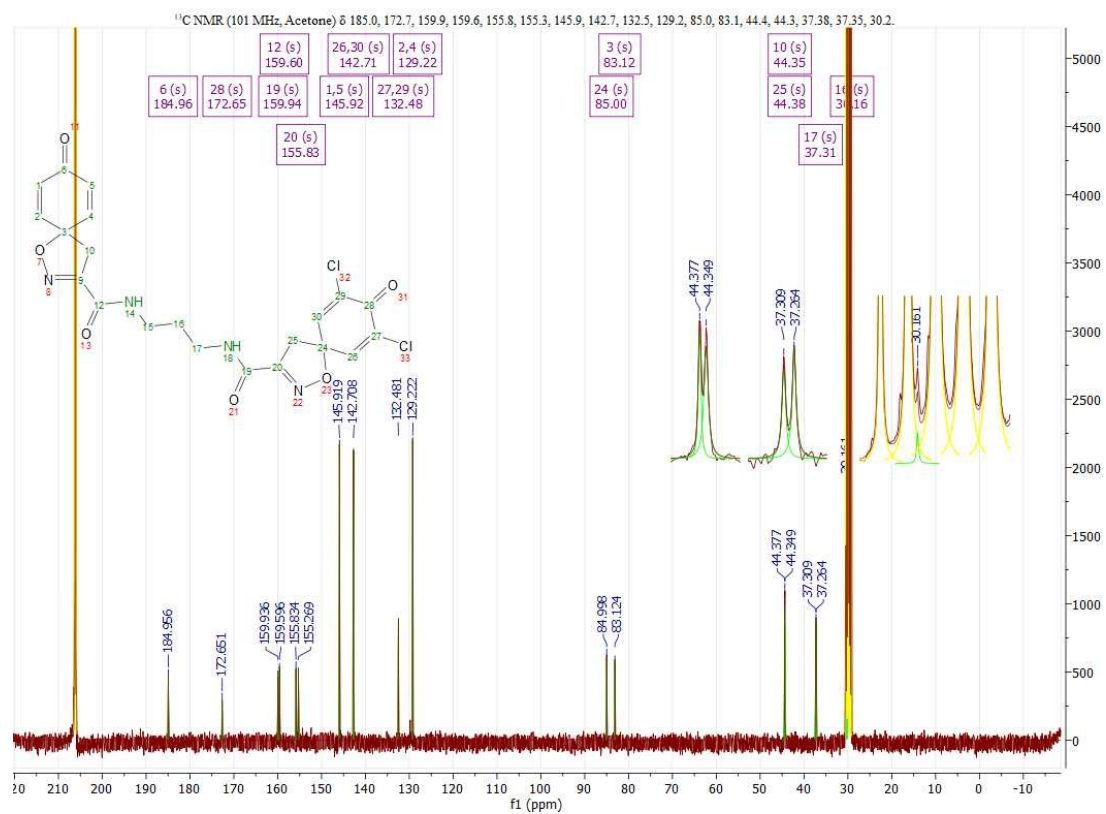


Figure A13: MS-31 – carbon spectrum.

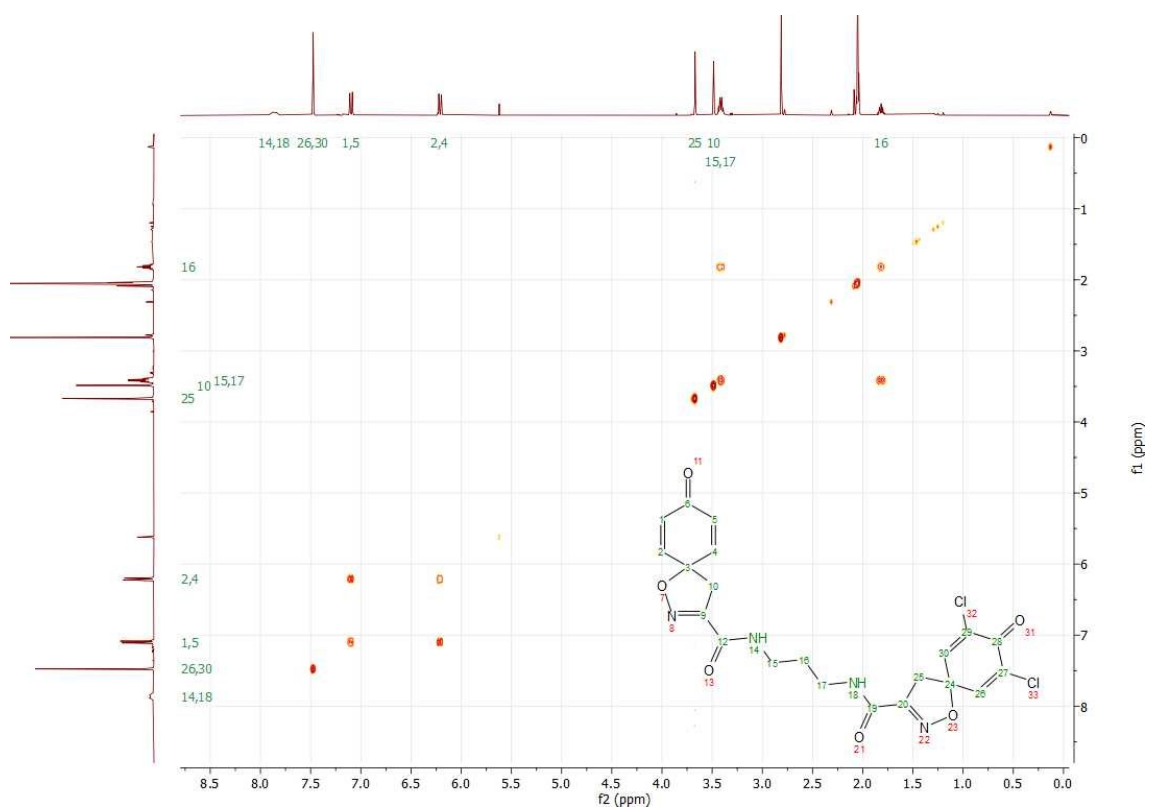


Figure A14: MS-31 – COSY spectrum.

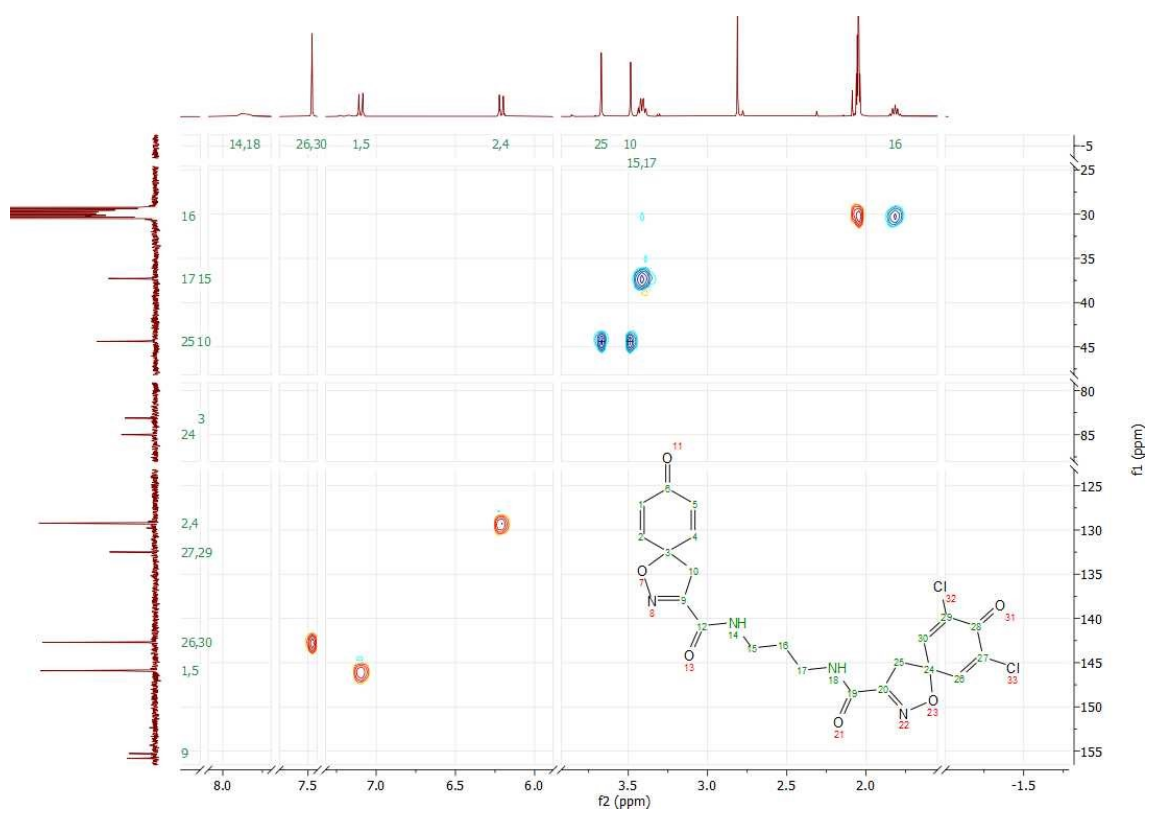


Figure A15: MS-31 – HSQC spectrum.

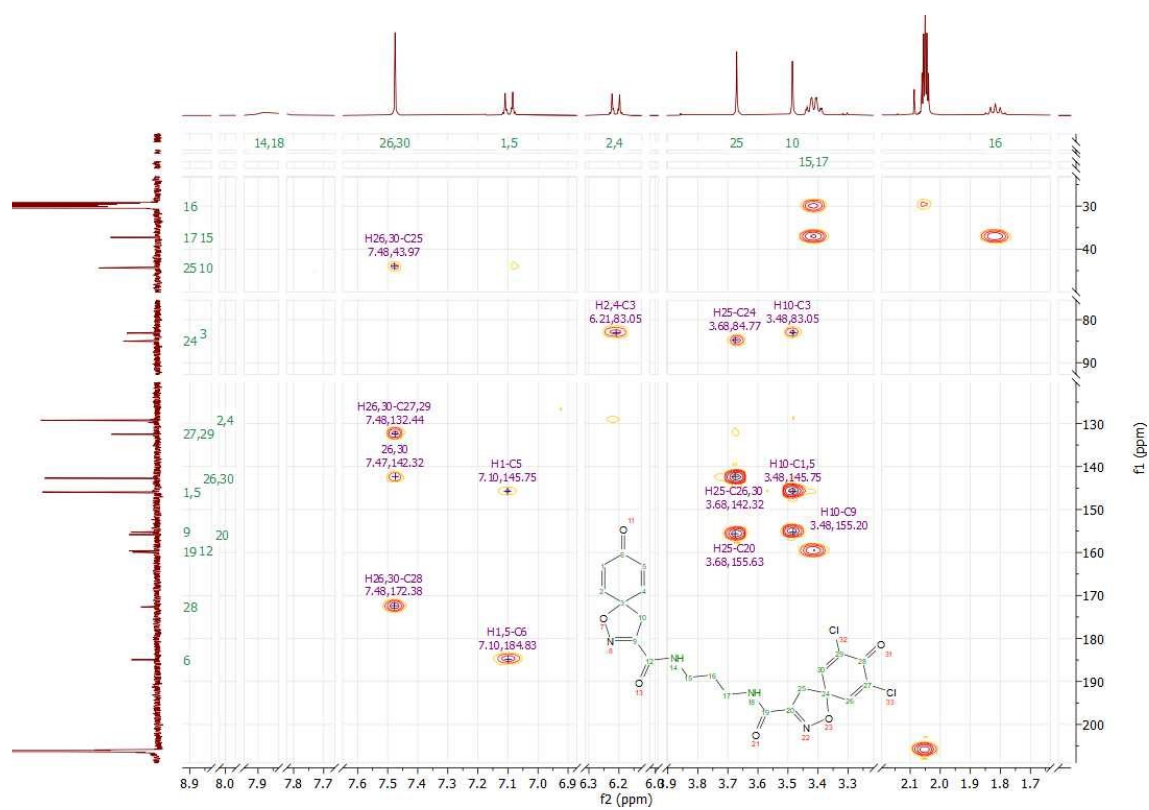


Figure A16: MS-31 - HMBC spectrum.