

Supplementary Information

New 2-(2,4-dihydroxyphenyl)benzimidazolines

Yordan Stremski*, Maria Bachvarova, Desislava Kirkova and Stela Statkova-Abeghe

University of Plovdiv "Paisii Hilendarski", 24 Tsar Asen Str., 4000 Plovdiv, Bulgaria,

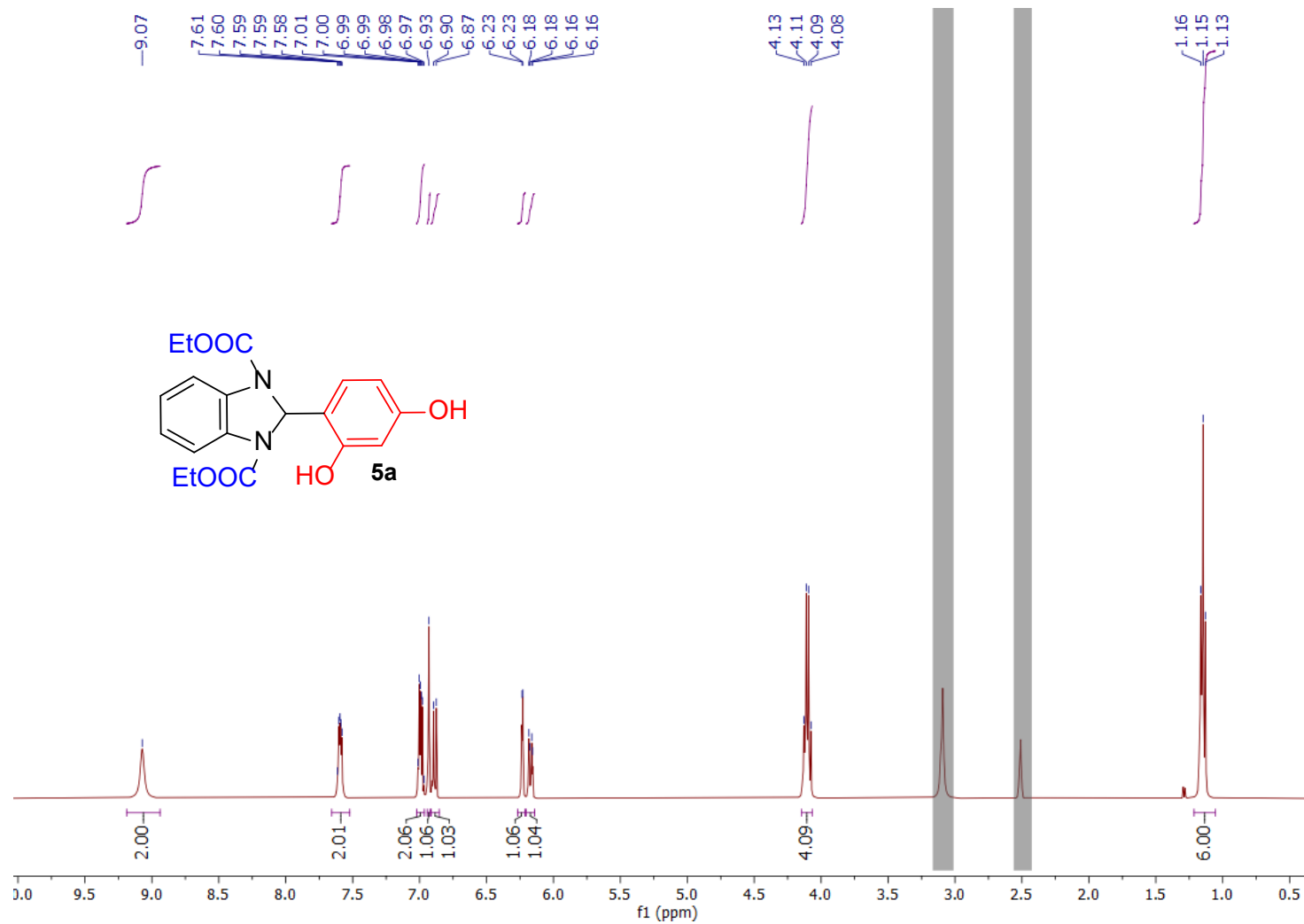
Department of Organic Chemistry;

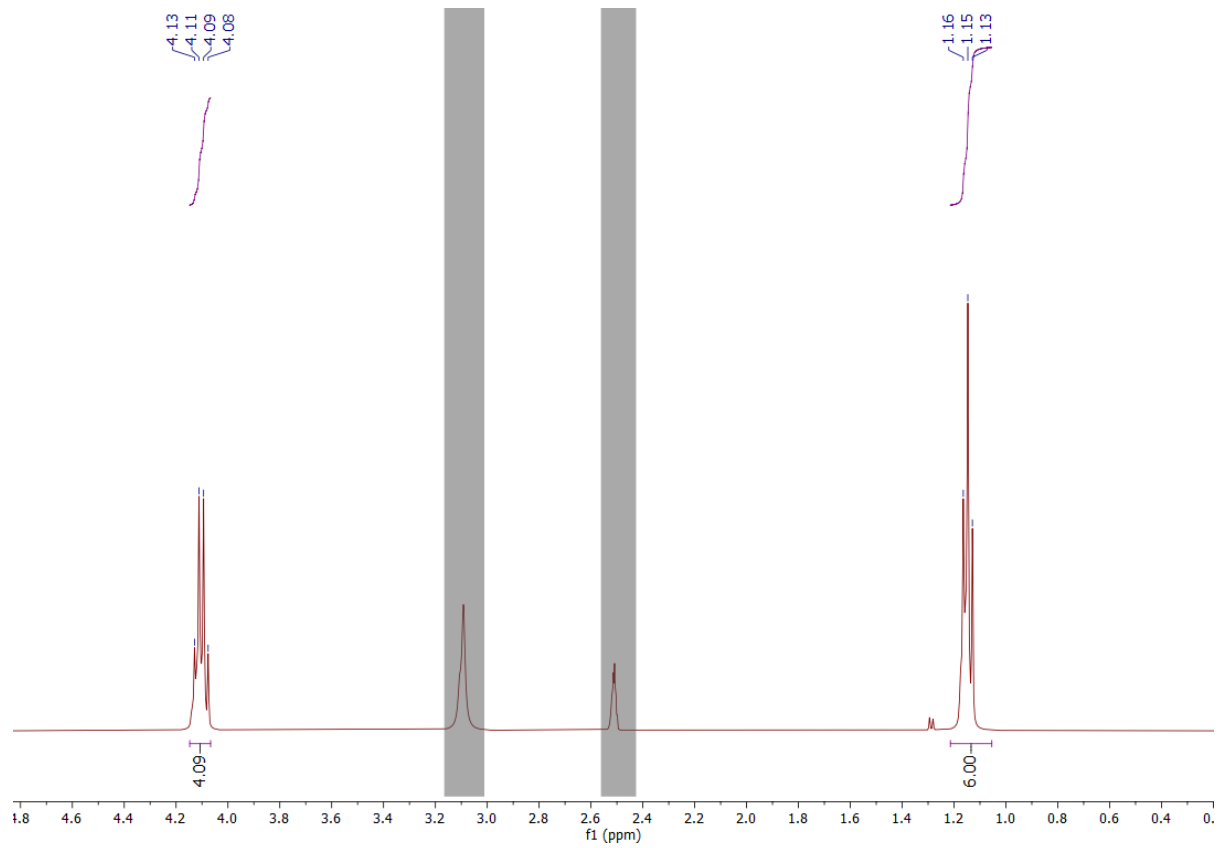
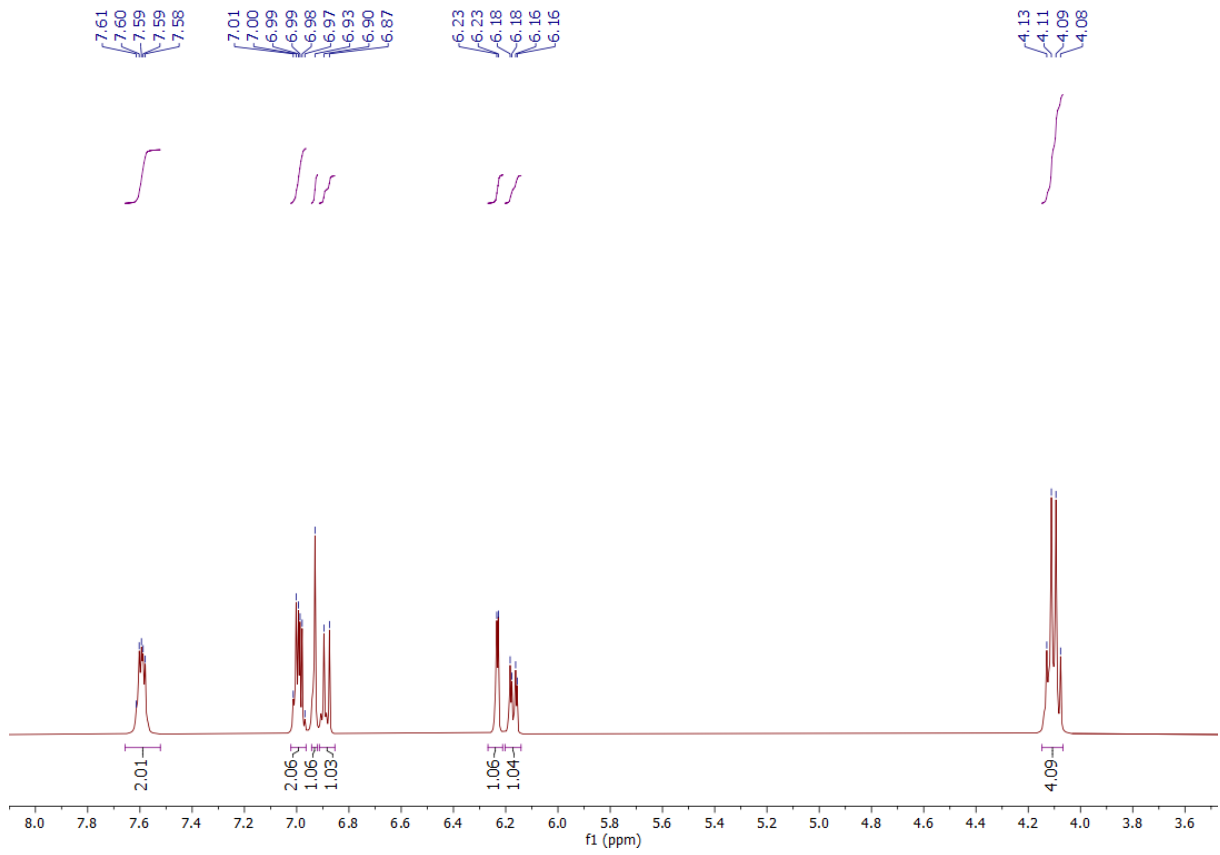
**Correspondence: stremski@uni-plovdiv.net (Y.S.); tel.: +359-32-261-346*

Table of Contents

¹ H-NMR spectra of compound 5a	Page 2–3
¹³ C-NMR spectra of compound 5a	Page 4
2D-HSQC-NMR spectra of compound 5a	Page 5
IR spectra of compound 5a	Page 6
MS spectra of compound 5a	Page 7
¹ H-NMR spectra of compound 5b	Page 8–9
¹³ C-NMR spectra of compound 5b	Page 10
2D-HSQC-NMR spectra of compound 5b	Page 11
IR spectra of compound 5b	Page 12
MS spectra of compound 5b	Page 13

Compound **5a** - $^1\text{H-NMR}$ spectra - DMSO-d_6 , $80\text{ }^\circ\text{C}$, 400 MHz





Compound **5a** - ^{13}C -NMR spectra - DMSO- d_6 , 80 °C, 101 MHz

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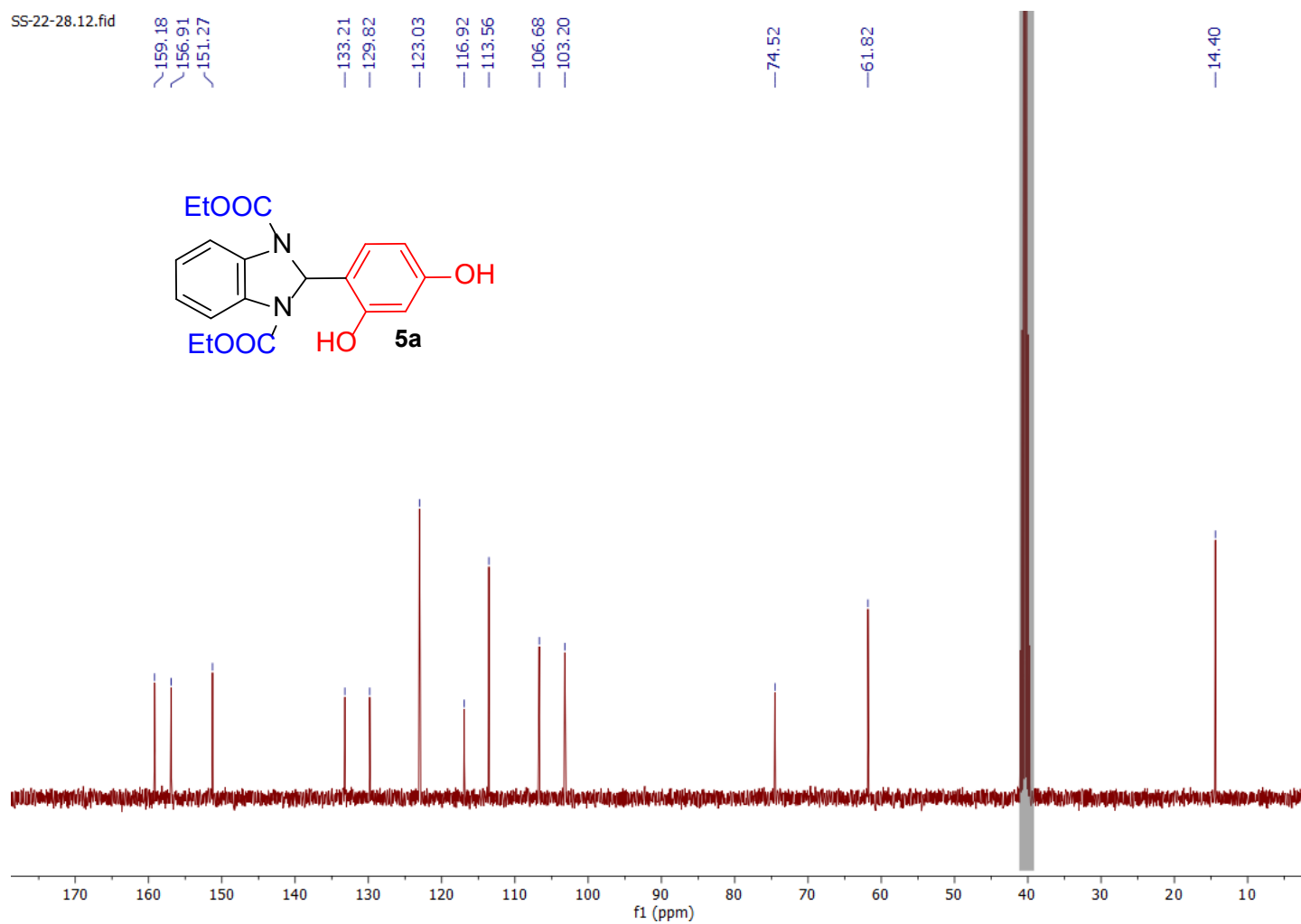
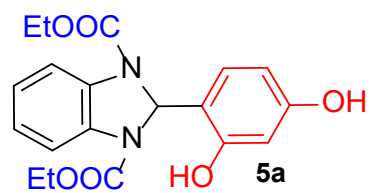
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151.27

133.21
129.82
123.03
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113.56
106.68
103.20

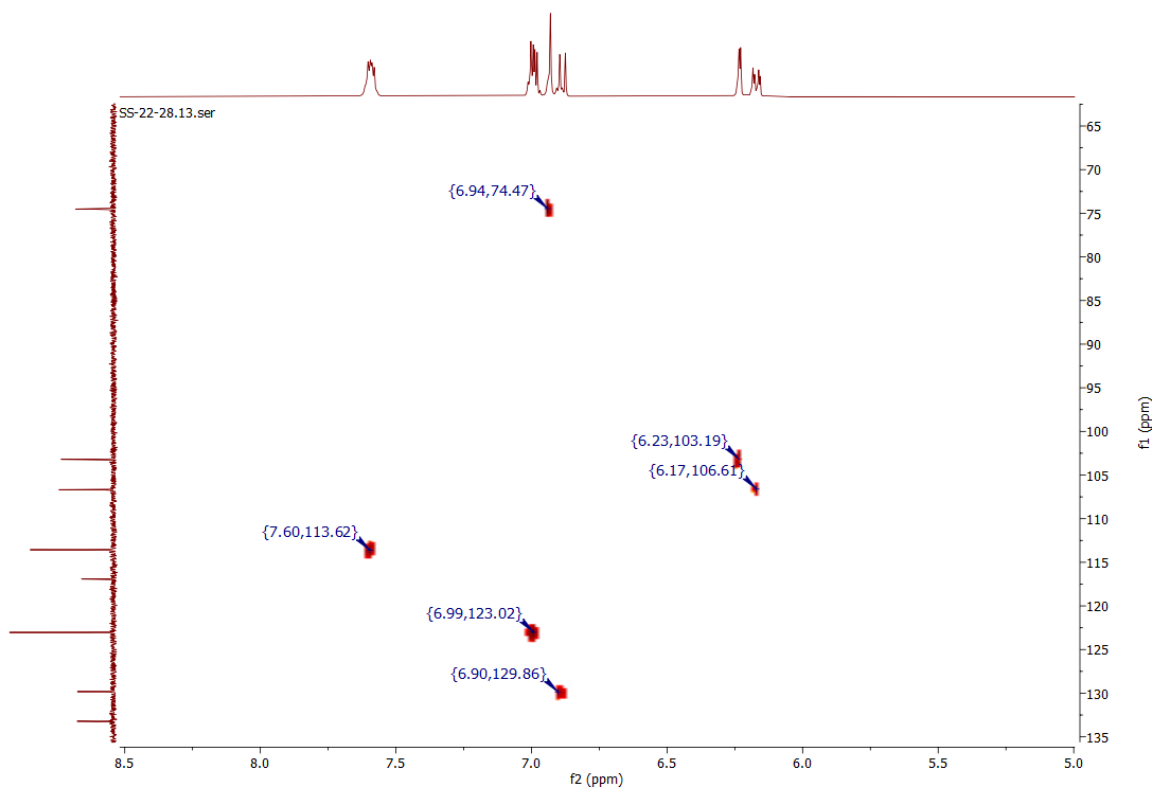
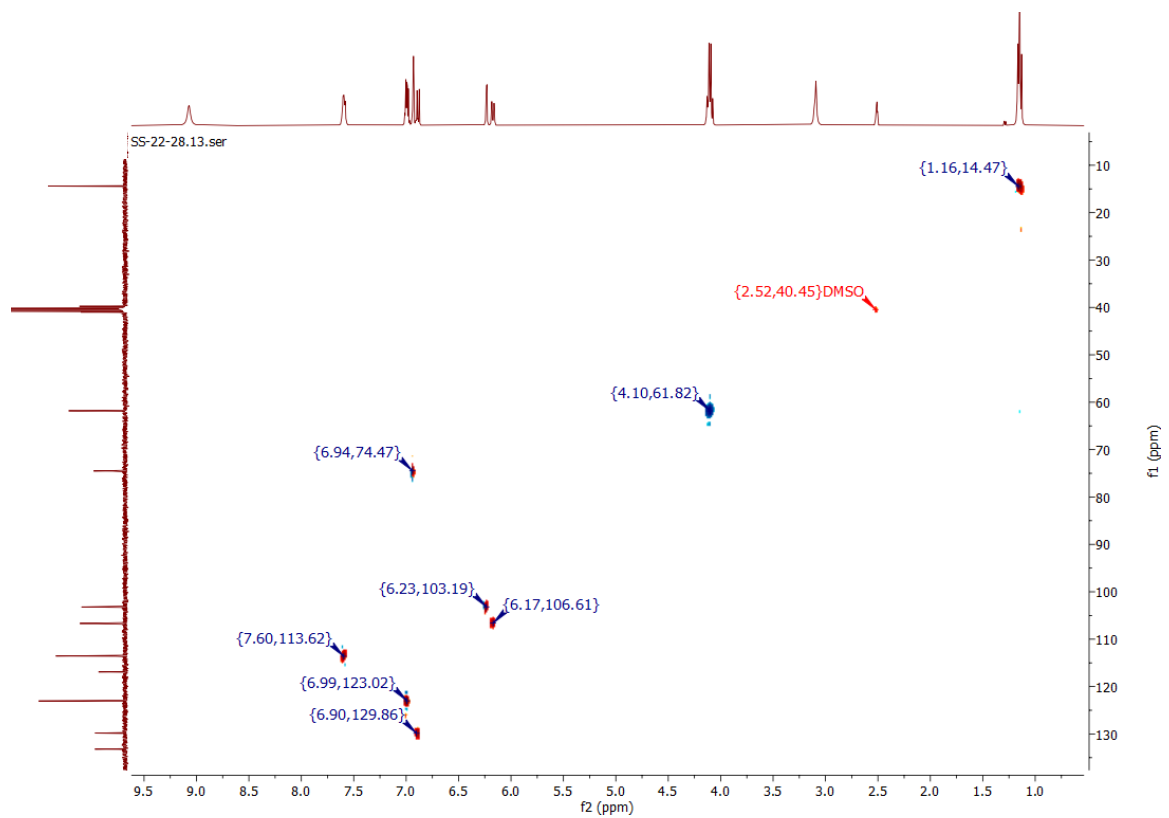
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61.82

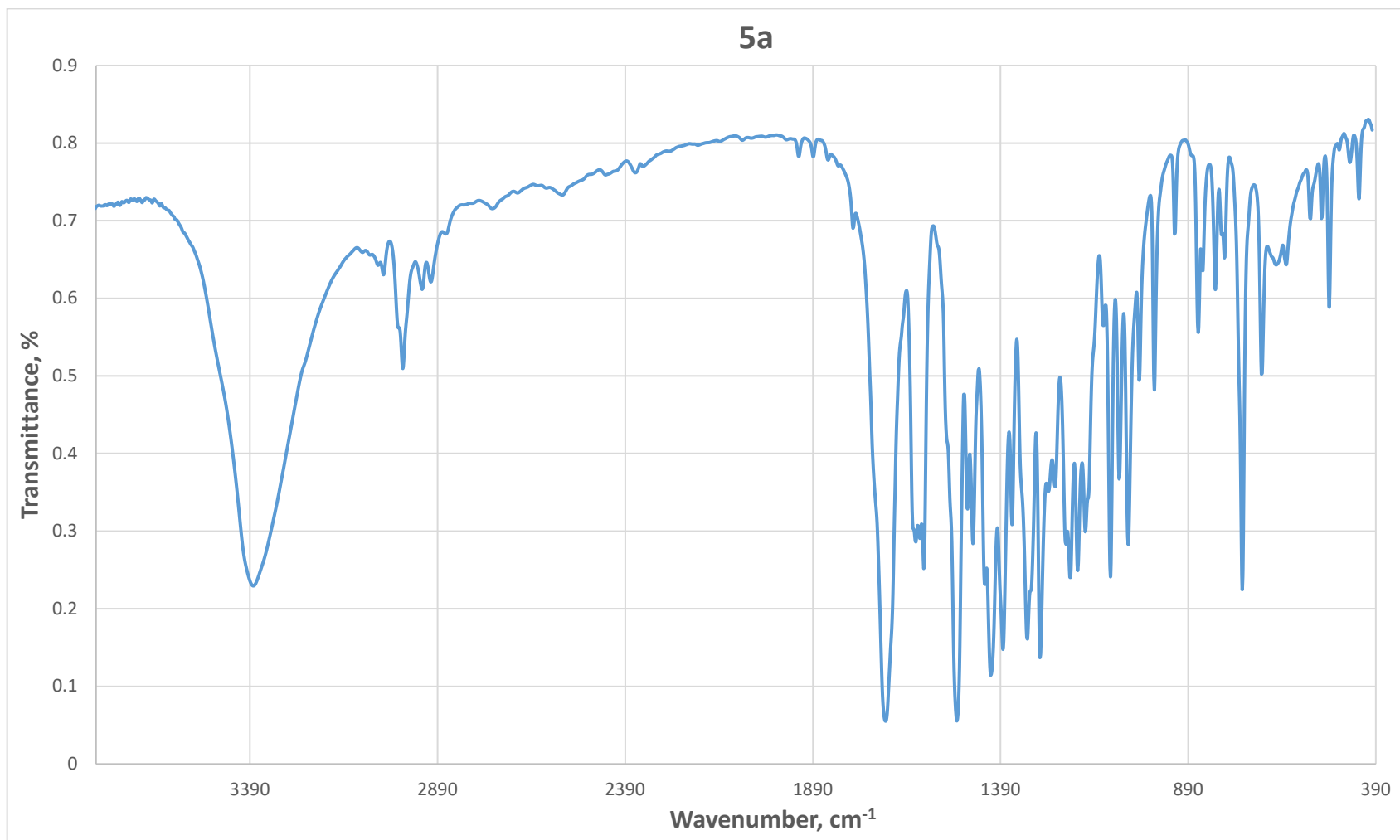
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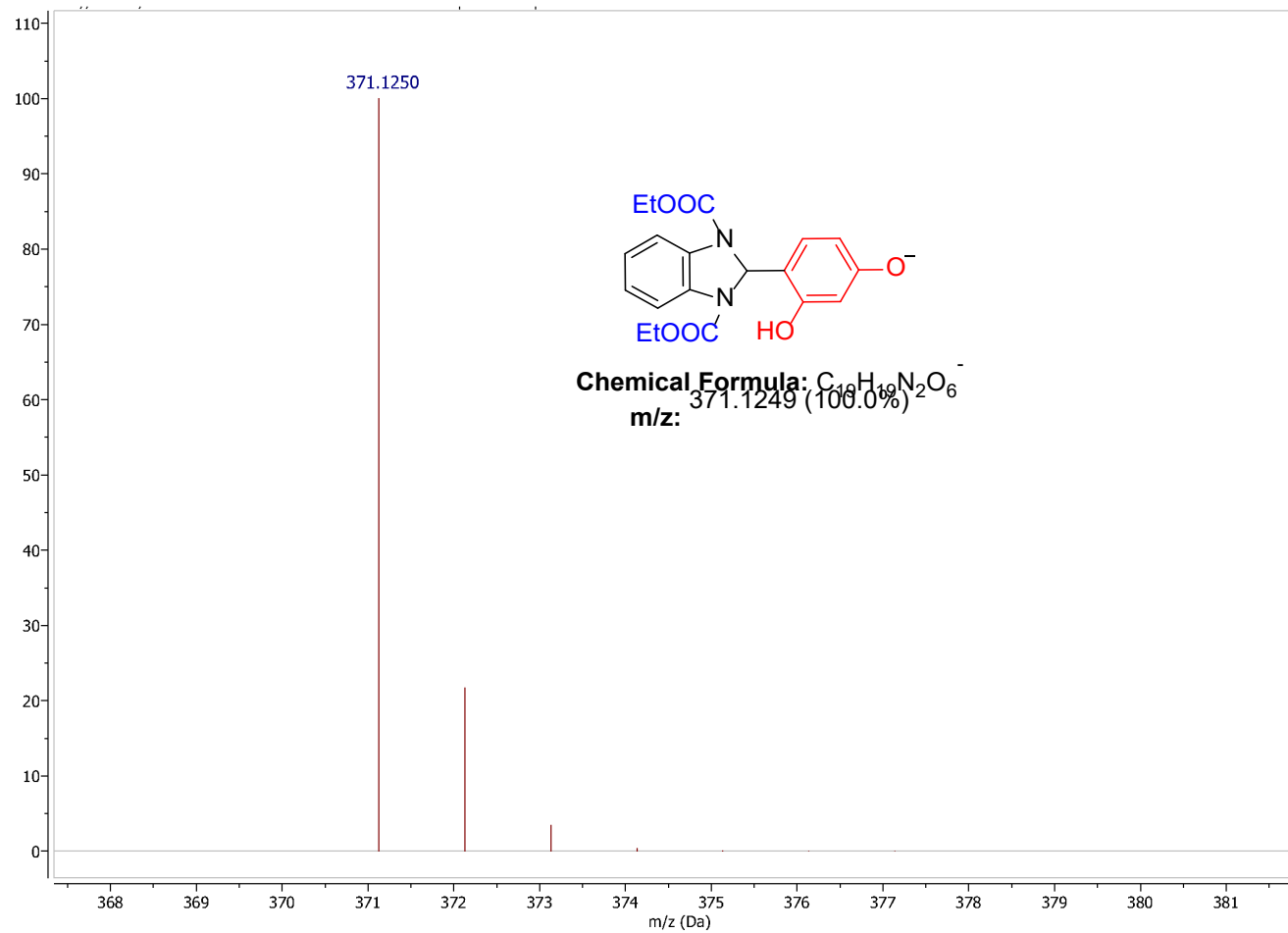
Compound 5a – 2D-HSQC-NMR spectra - DMSO-d₆, 80 °C



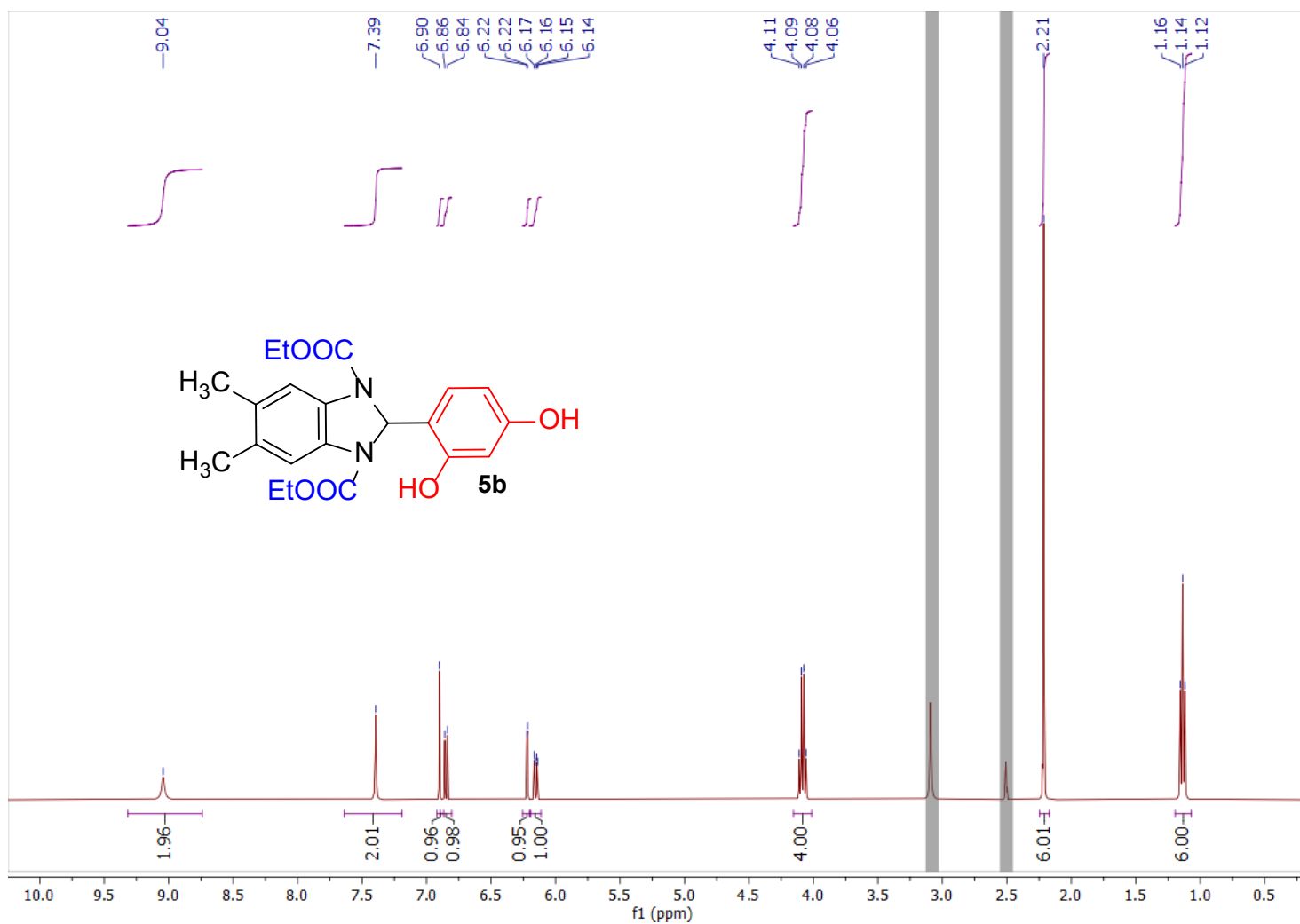
Compound **5a** – IR spectra (KBr tablet)

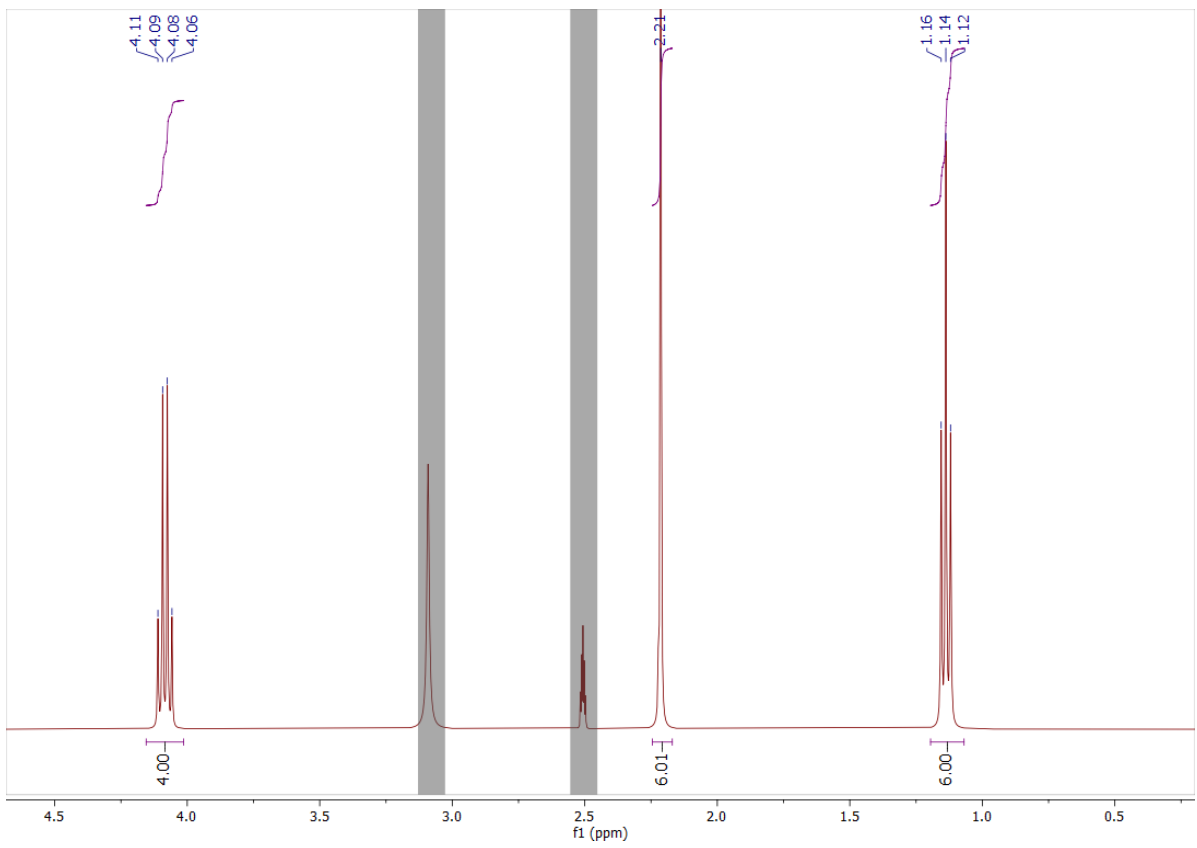
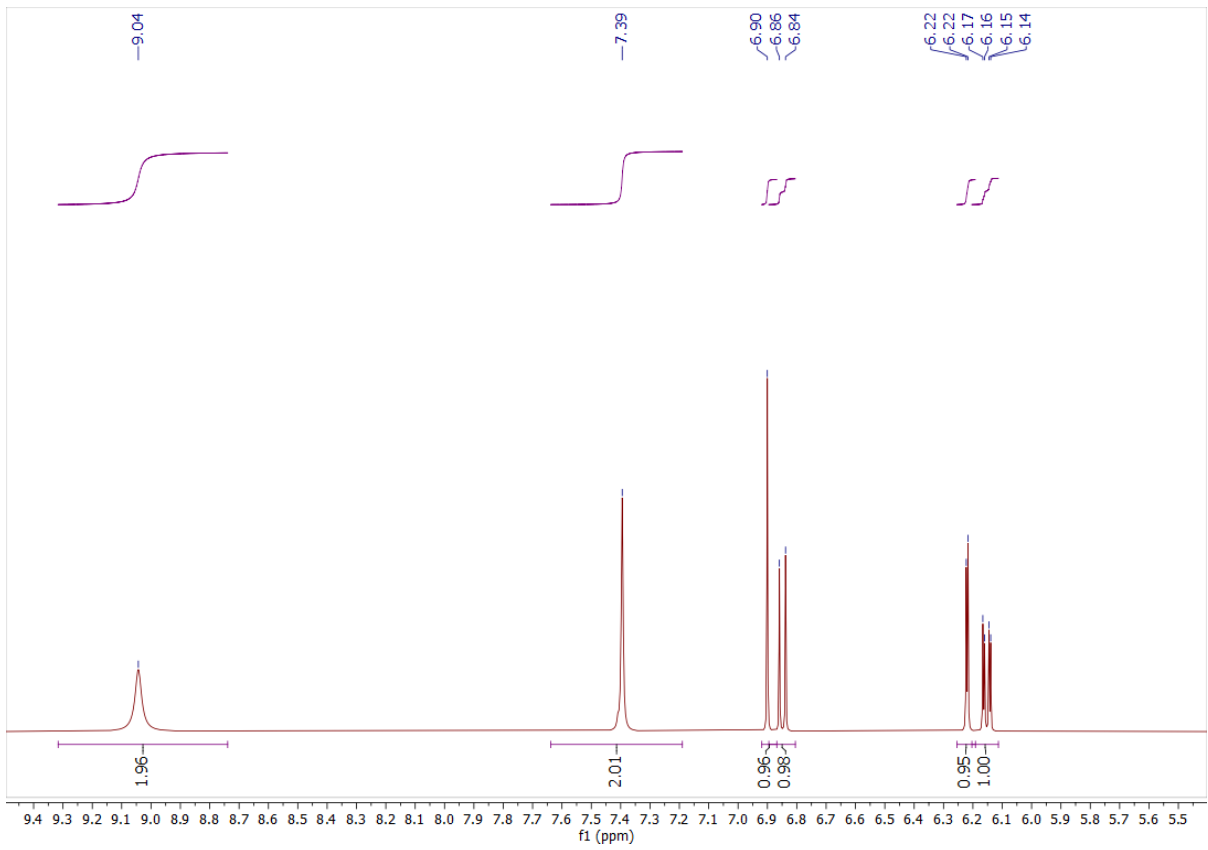


Compound **5a** – HRMS spectra (ESI), m/z

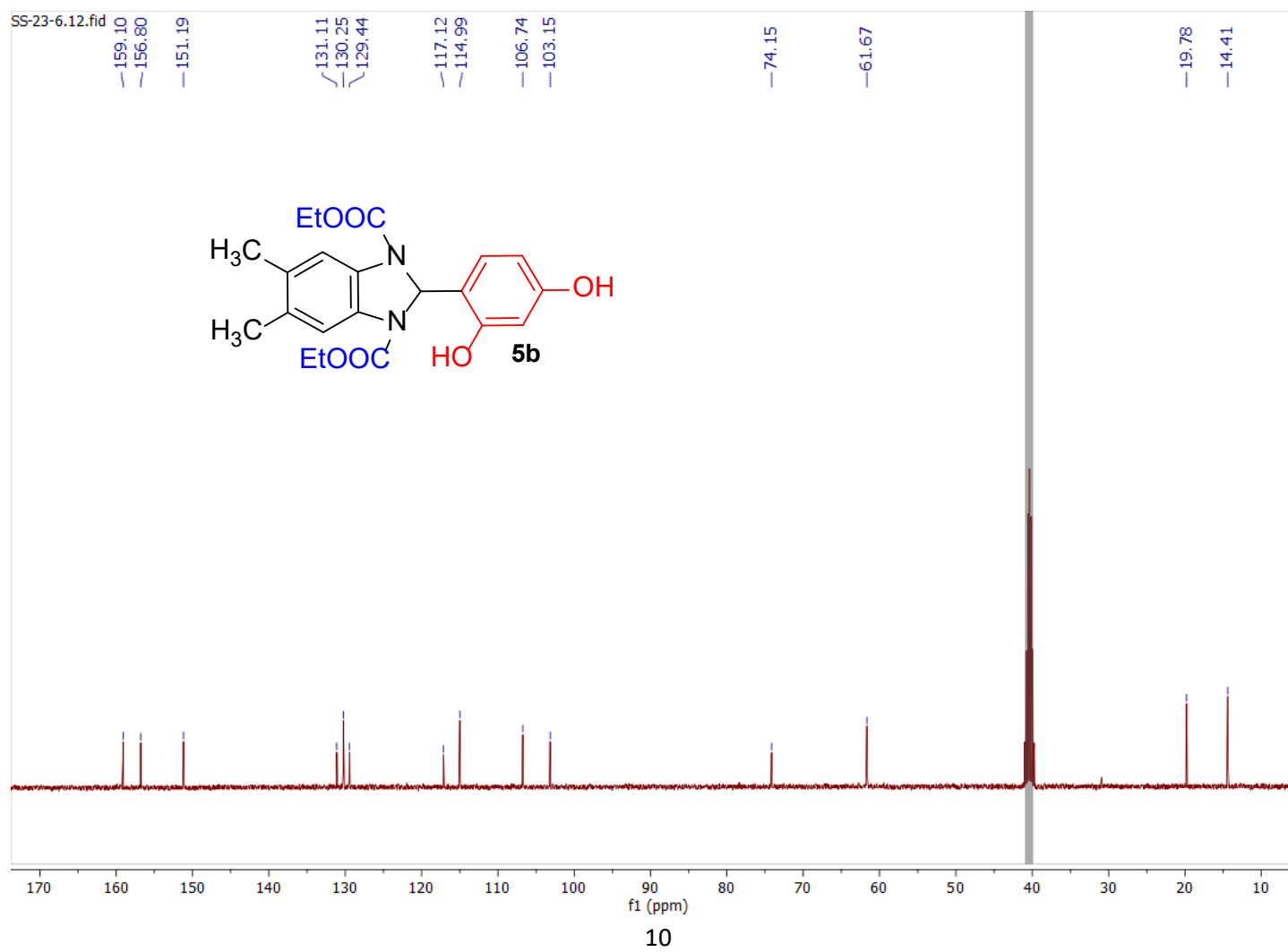


Compound **5b** - $^1\text{H-NMR}$ spectra - DMSO-d_6 , 80°C , 400 MHz

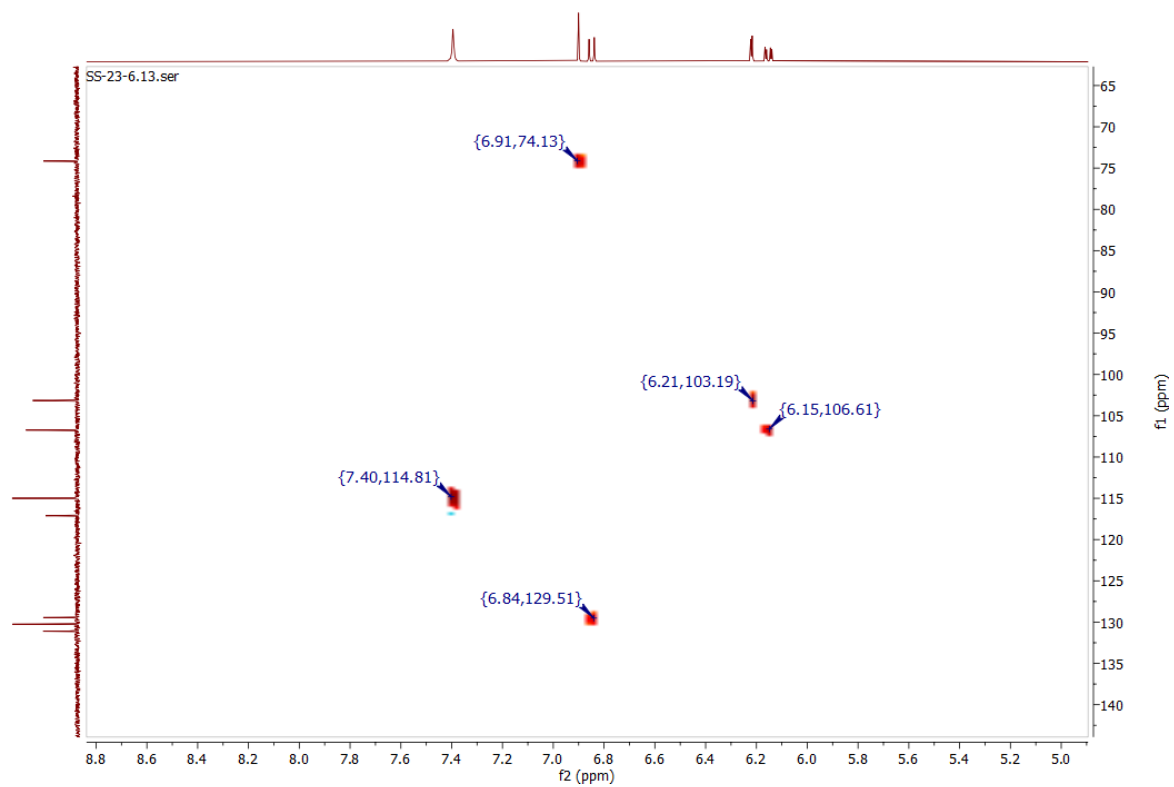
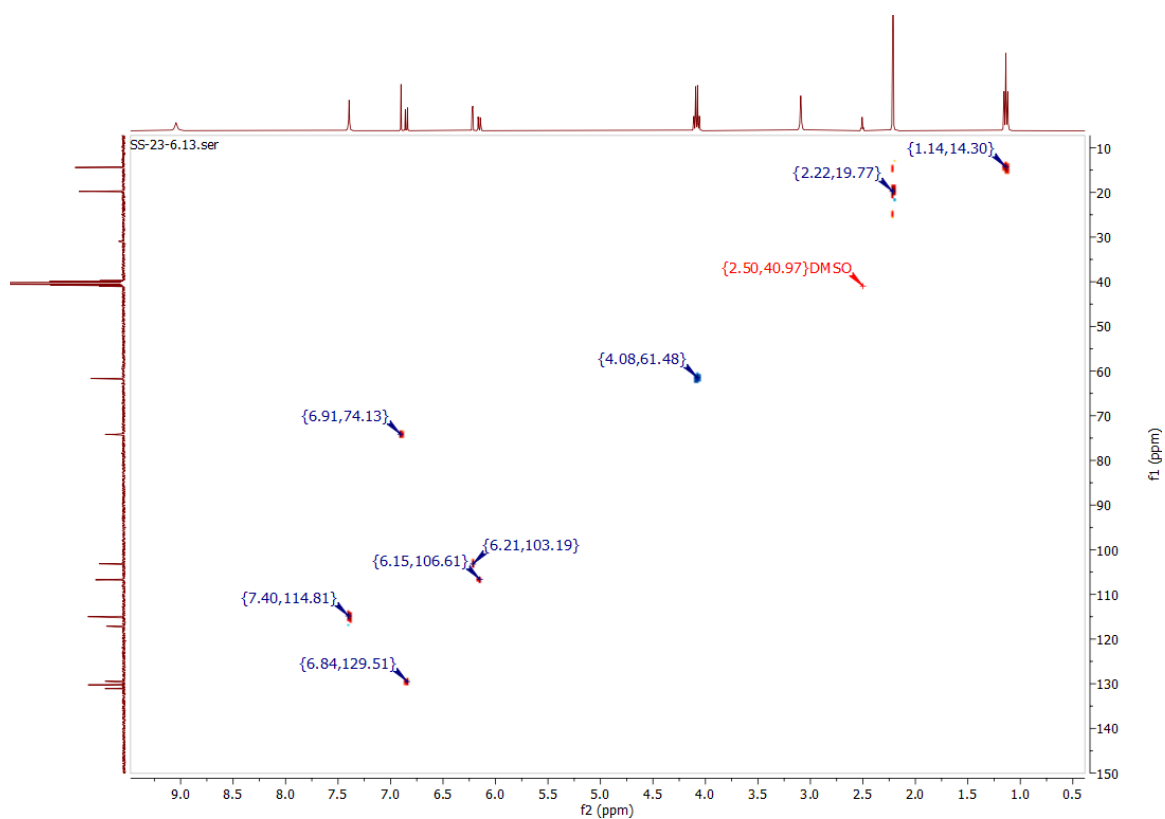




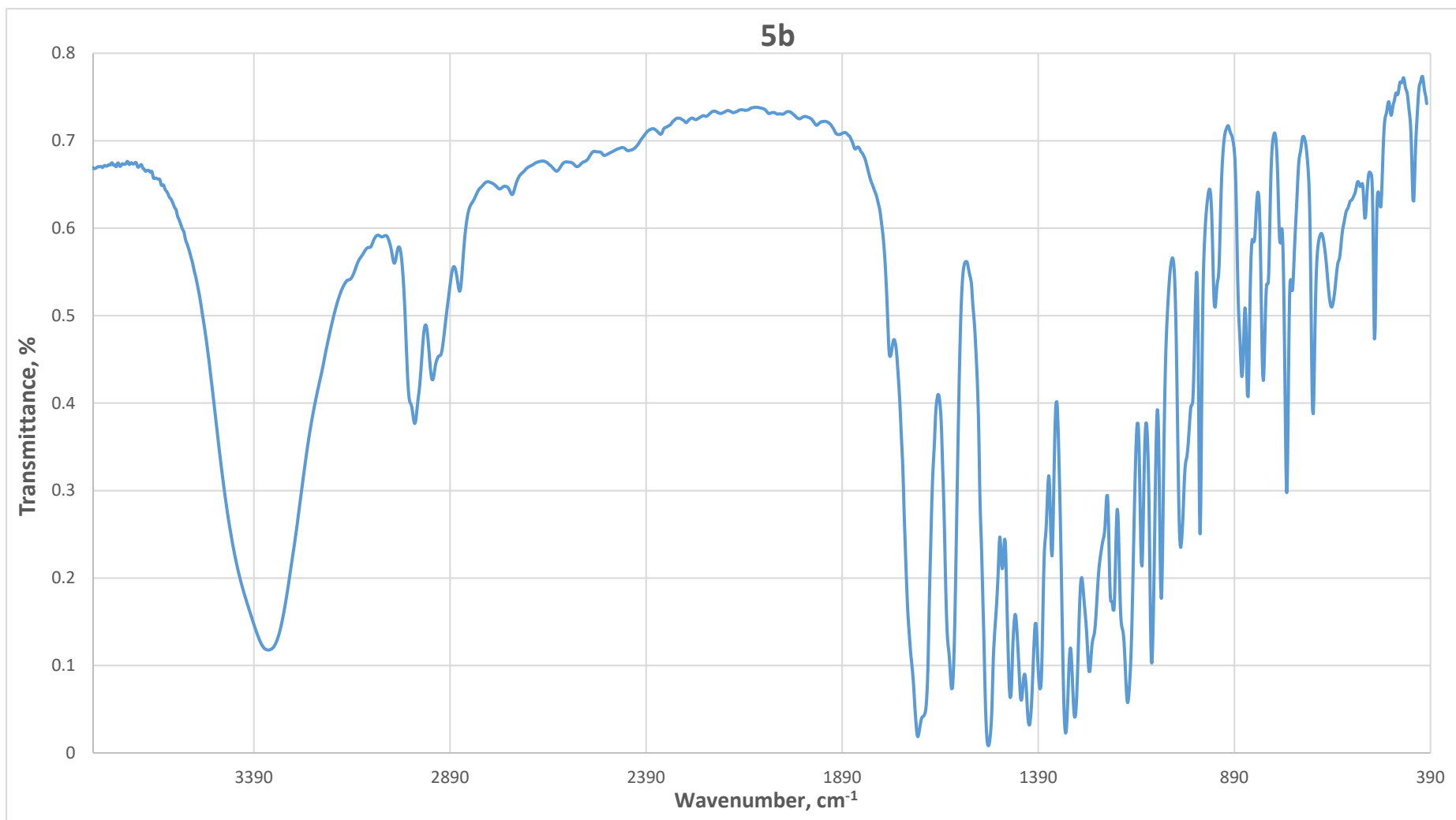
Compound **5b** - ^{13}C -NMR spectra - DMSO- d_6 , 80 °C, 101 MHz



Compound **5b** – 2D-HSQC-NMR spectra - DMSO-d₆, 80 °C



Compound **5b** – IR spectra (KBr tablet)



Compound **5b** – HRMS spectra (ESI), m/z

