

SUPPLEMENTARY MATERIAL

(+)-CSA Catalyzed Multicomponent Synthesis of 1-[(1,3-thiazol-2-ylamino)methyl]-2-naphthols and Their Ring-Closure Reaction Under Ultrasonic Irradiation

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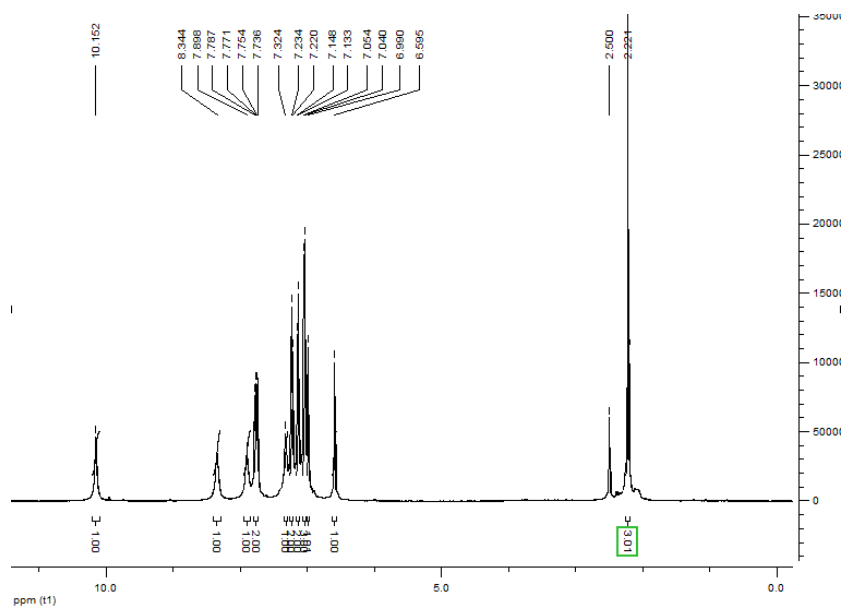
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Table of contents

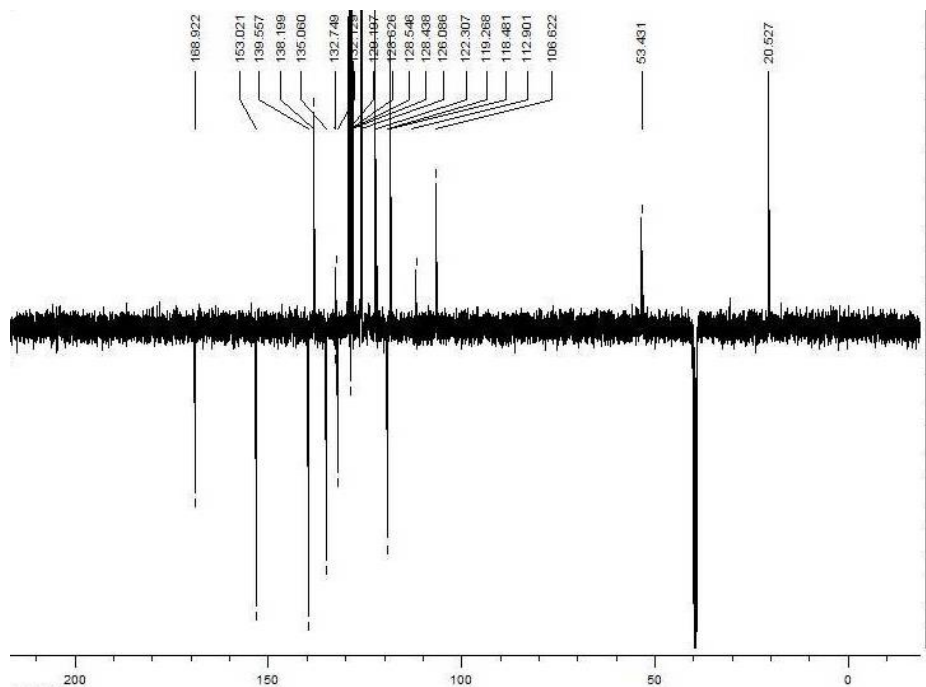
	Page
Copy of ¹ H and ATP NMR spectra of Compound 1b	2
Copy of ¹ H and ATP NMR spectra of Compound 1c	3
Copy of ¹ H and ATP NMR spectra of Compound 1d	4
Copy of ¹ H and ATP NMR spectra of Compound 1e	5
Copy of ¹ H and ATP NMR spectra of Compound 1f	6
Copy of ¹ H and ATP NMR spectra of Compound 1k	7
Copy of ¹ H and ATP NMR spectra of Compound 1m	8
Copy of ¹ H and ATP NMR spectra of Compound 1n	9
Copy of ¹ H and ATP NMR spectra of Compound 2a	10
Copy of ¹ H and ATP NMR spectra of Compound 2b	11
Copy of ¹ H and ATP NMR spectra of Compound 2c	12
Copy of ¹ H and ATP NMR spectra of Compound 2e	13

Compound 1b:

Solvent: DMSO-d₆ – Frequency: 500 MHz

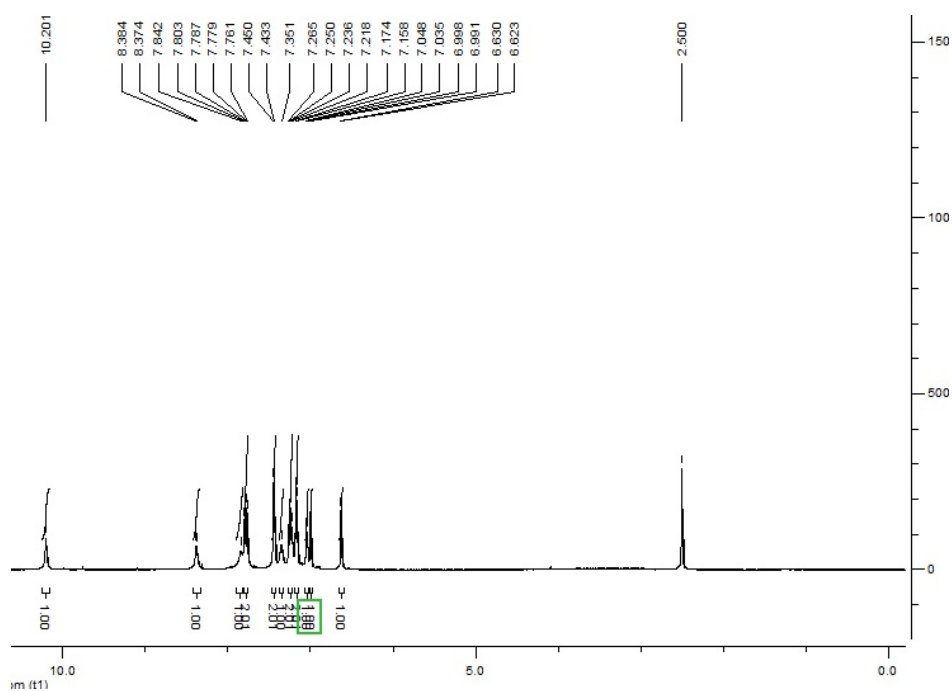


Solvent: DMSO-d₆ – Frequency: 125 MHz

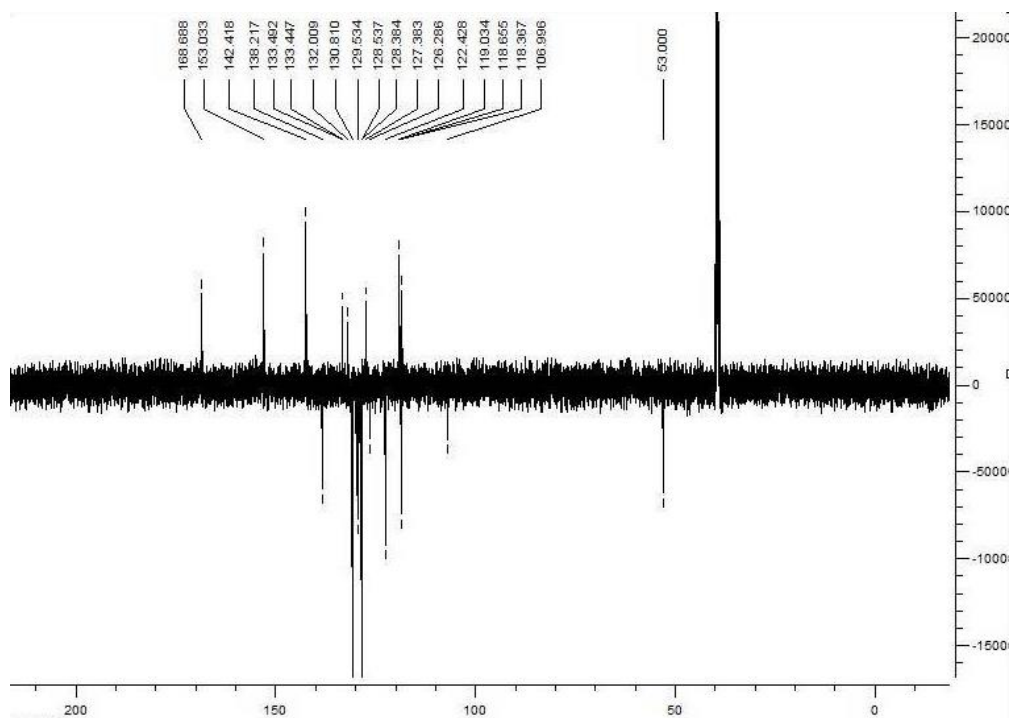


Compound 1c:

Solvent: DMSO-d₆ – Frequency: 500 MHz

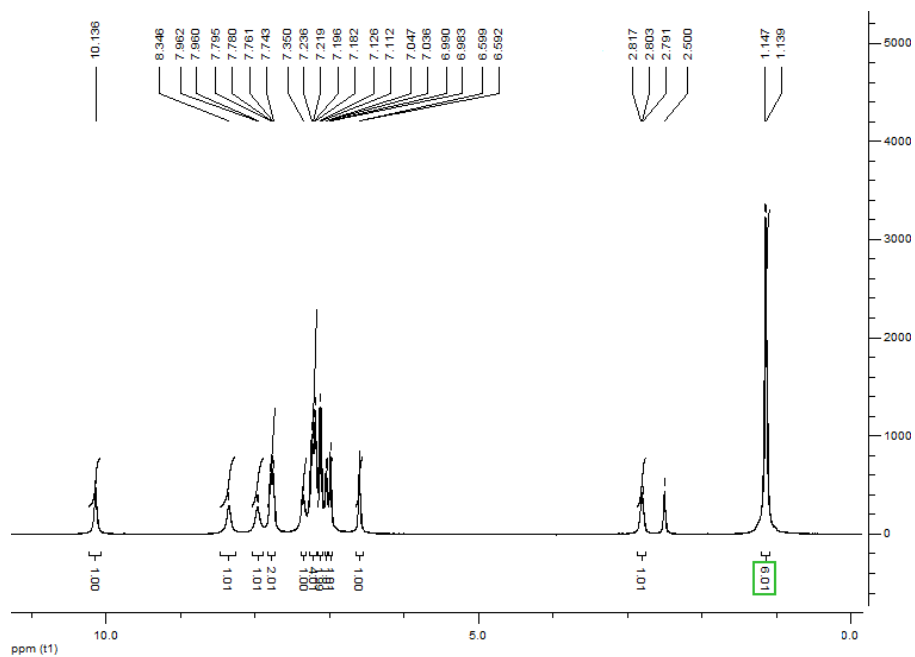


Solvent: DMSO-d₆- Frequency: 125 MHz

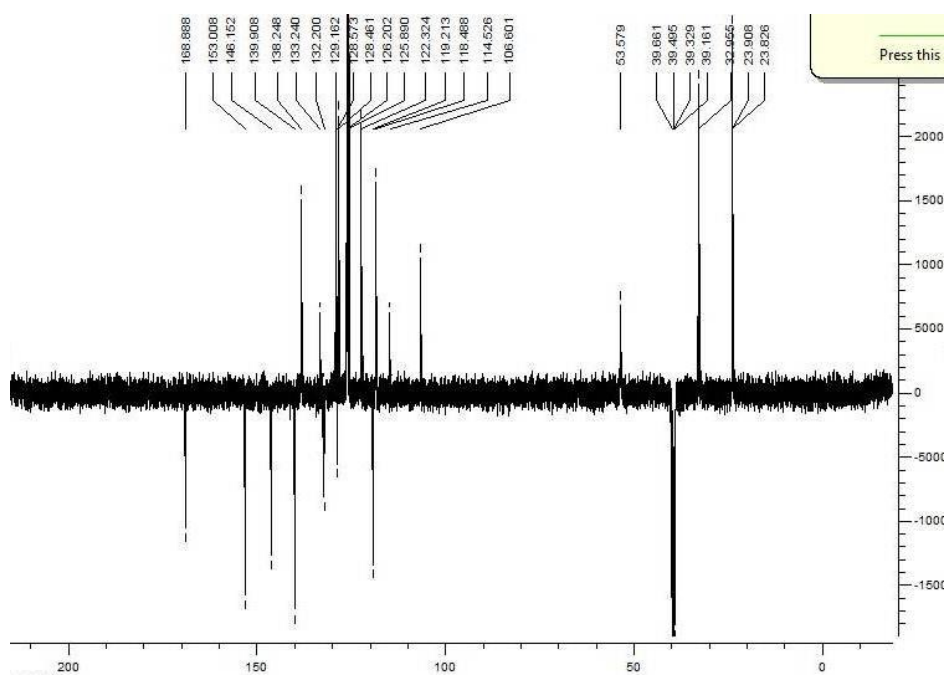


Compound 1d:

Solvent: DMSO-d₆- Frequency: 500 MHz

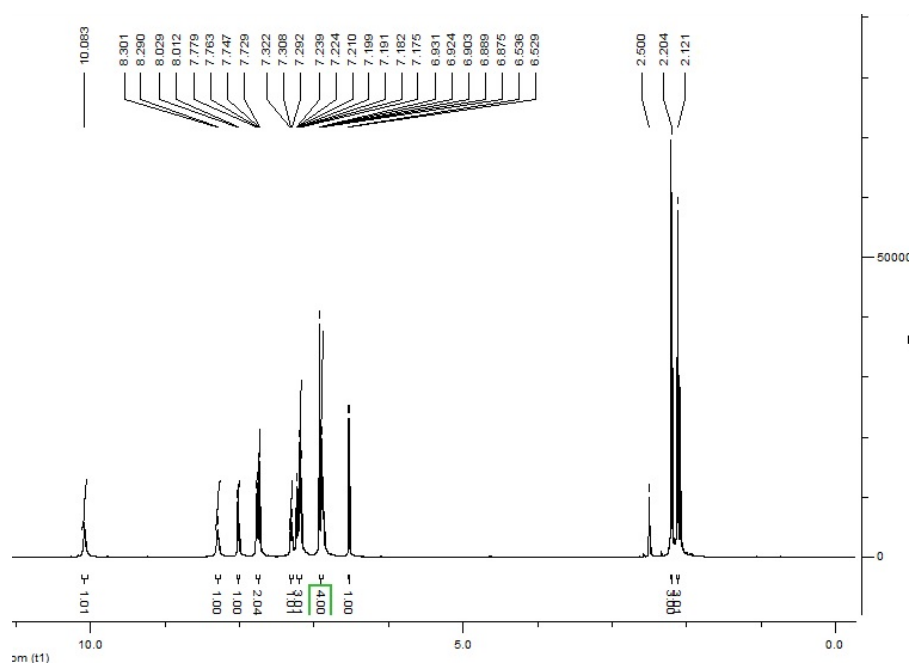


Solvent: DMSO-d₆- Frequency: 125 MHz

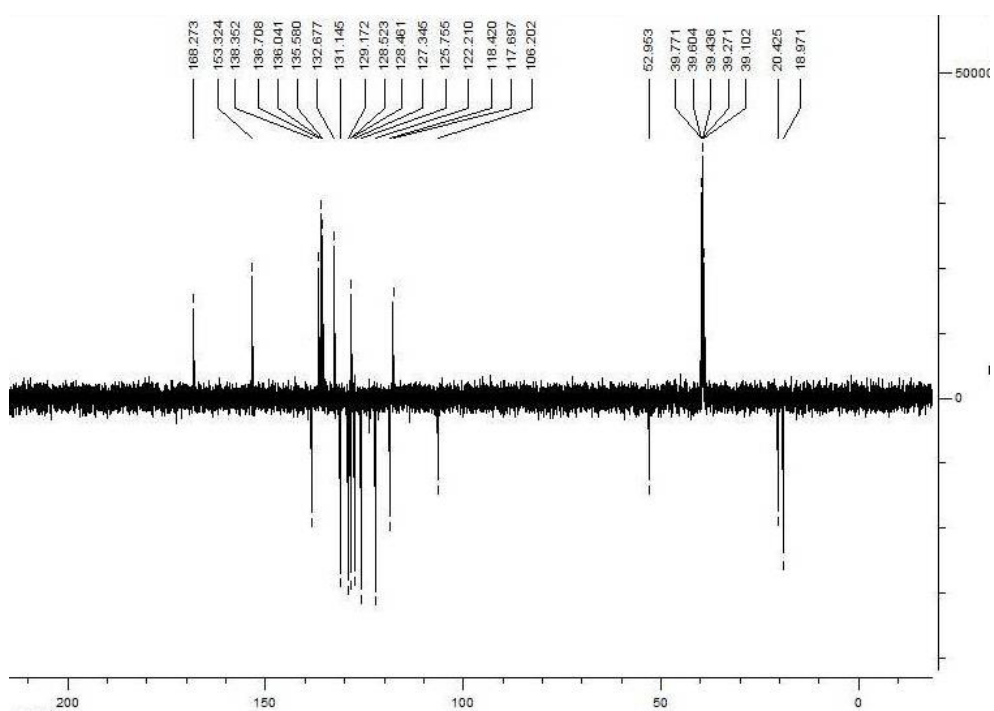


Compound 1e:

Solvent: DMSO-d₆- Frequency: 500 MHz

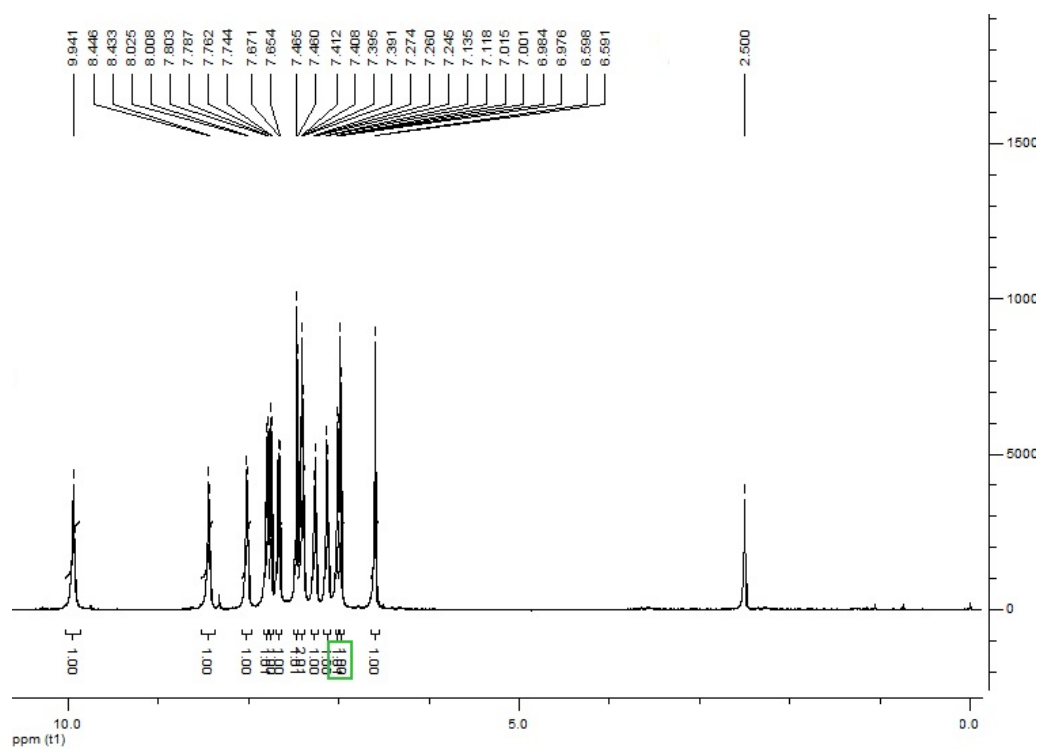


Solvent: DMSO-d₆- Frequency: 125 MHz

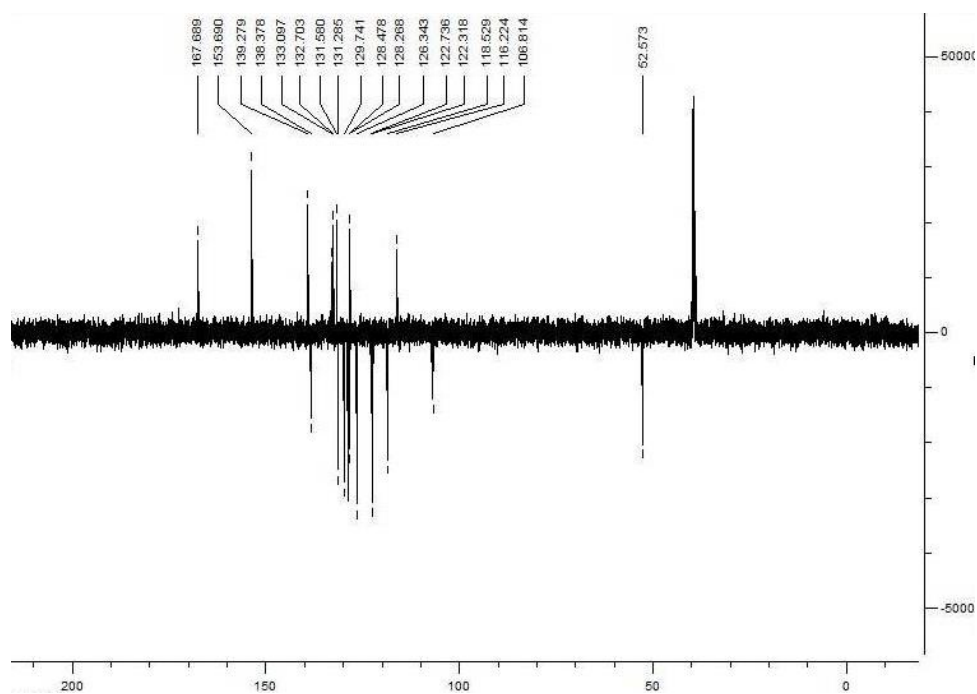


Compound 1f:

Solvent: DMSO-d₆- Frequency: 500 MHz

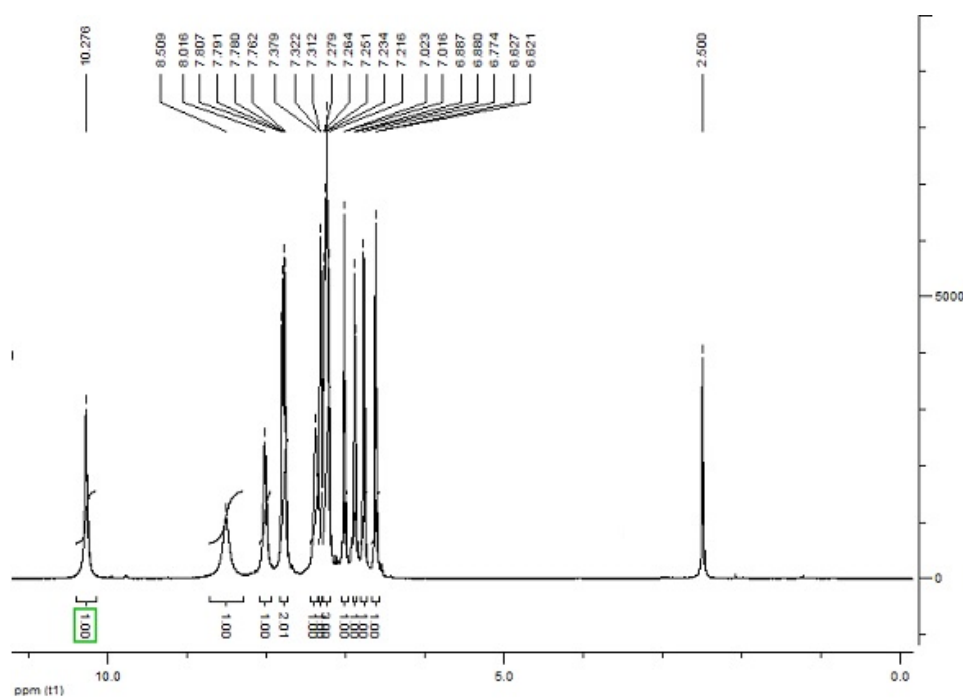


Solvent: DMSO-d₆- Frequency: 125 MHz

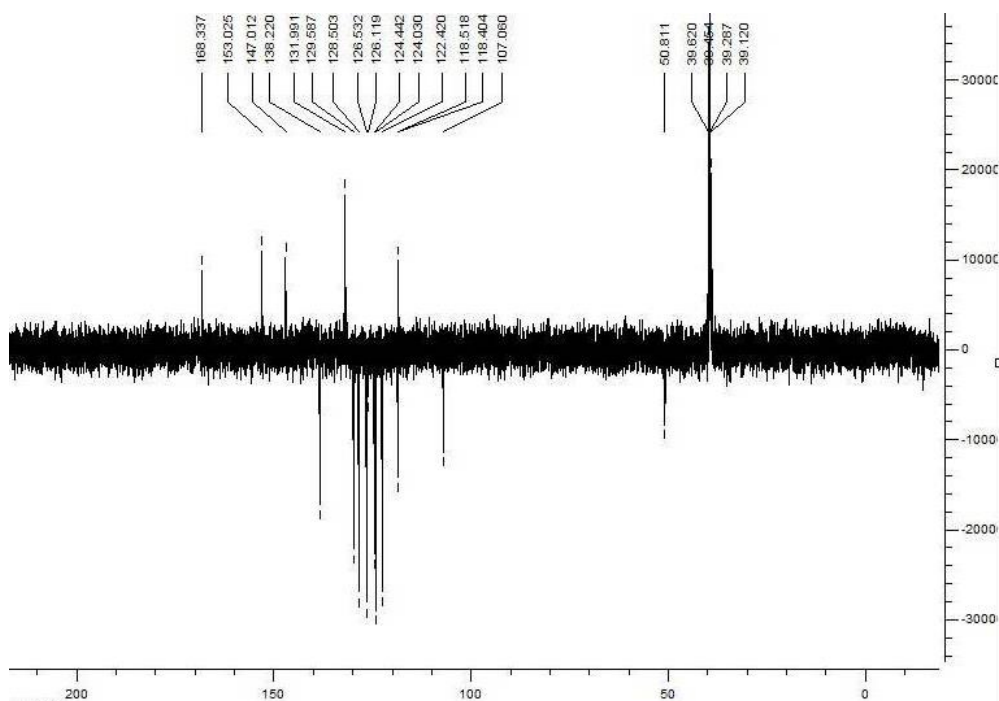


Compound 1k:

Solvent: DMSO-d₆- Frequency: 500 MHz

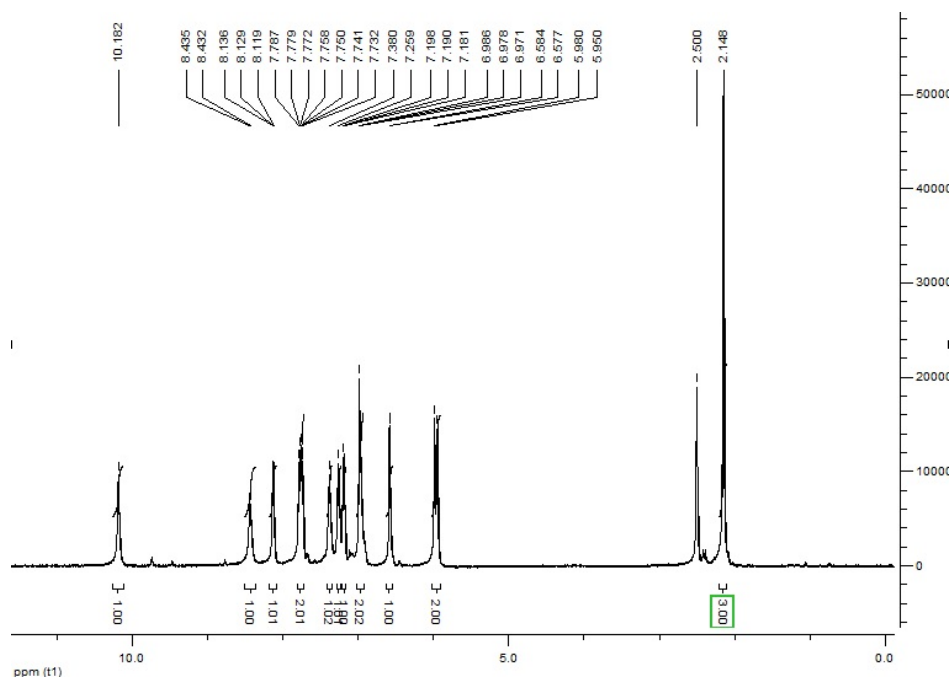


Solvent: DMSO-d₆- Frequency: 125 MHz

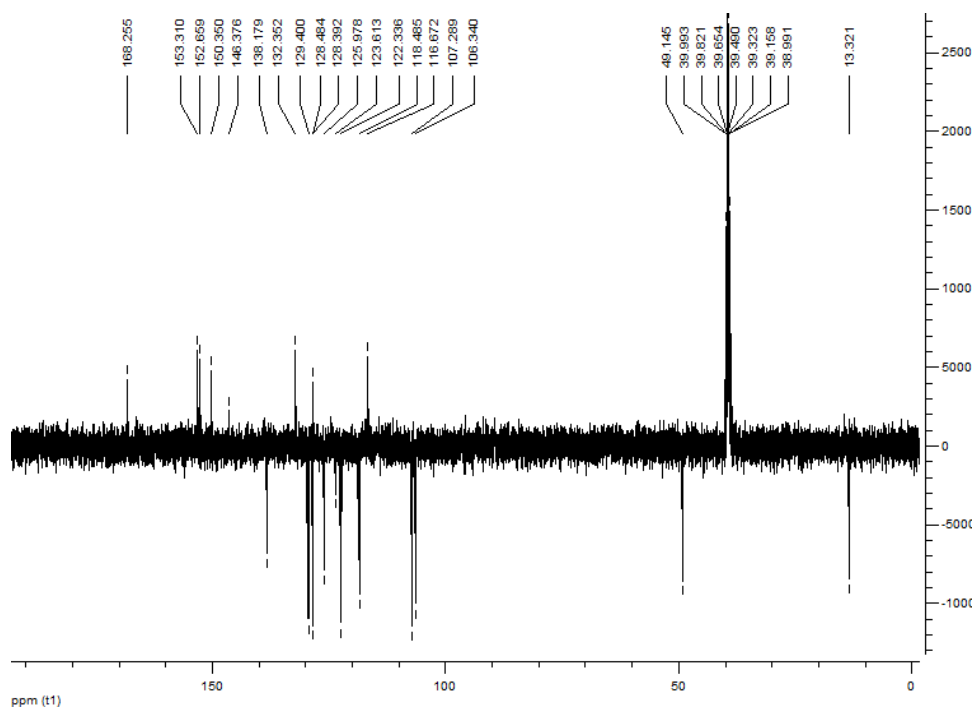


Compound 1m:

Solvent: DMSO-d₆- Frequency: 500 MHz

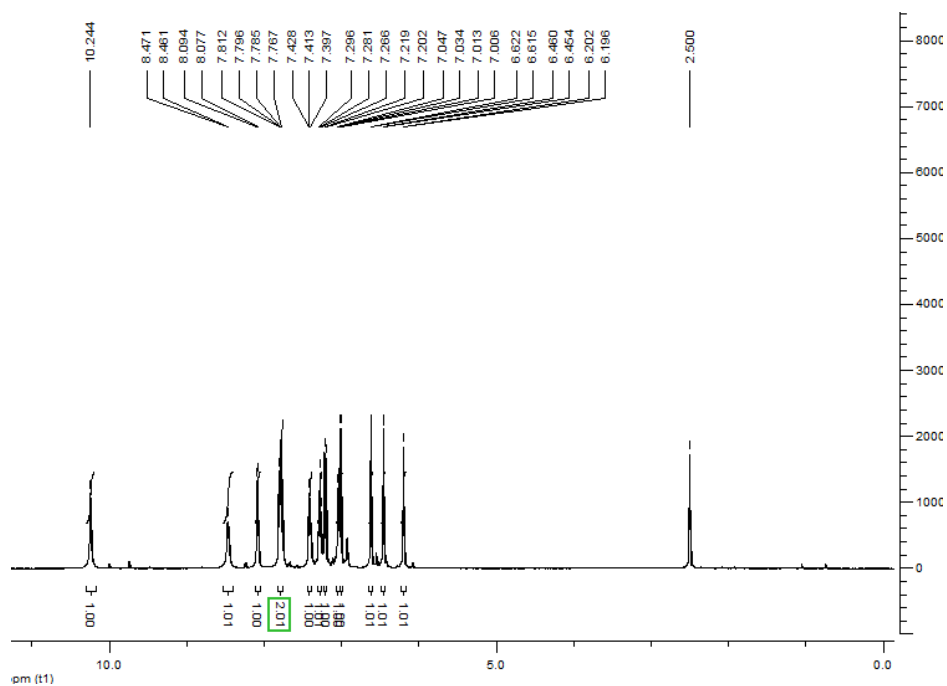


Solvent: DMSO-d₆- Frequency: 125 MHz

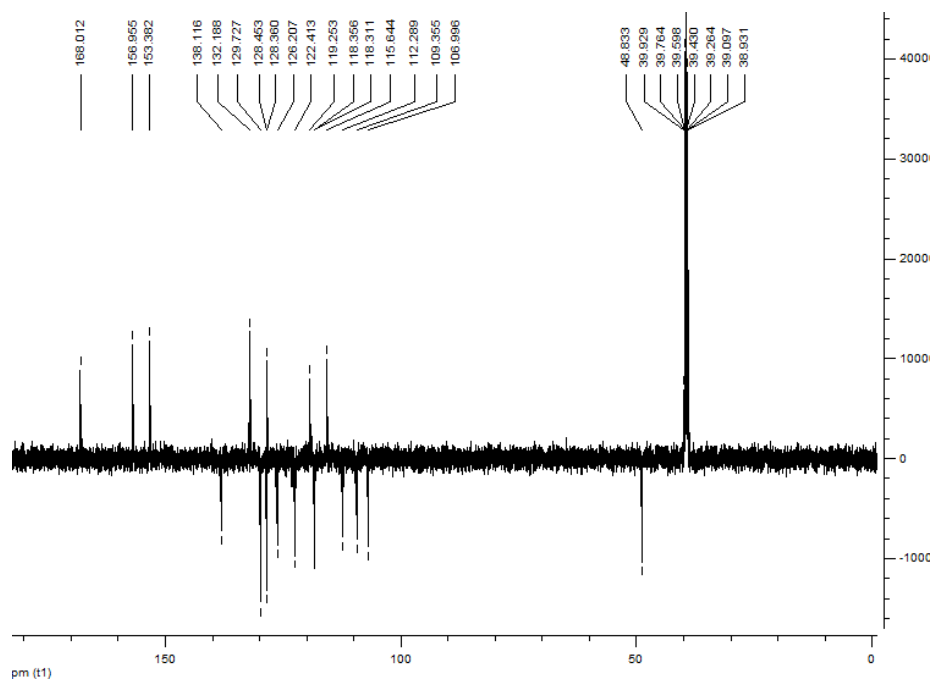


Compound 1n:

Solvent: DMSO-d₆- Frequency: 500 MHz

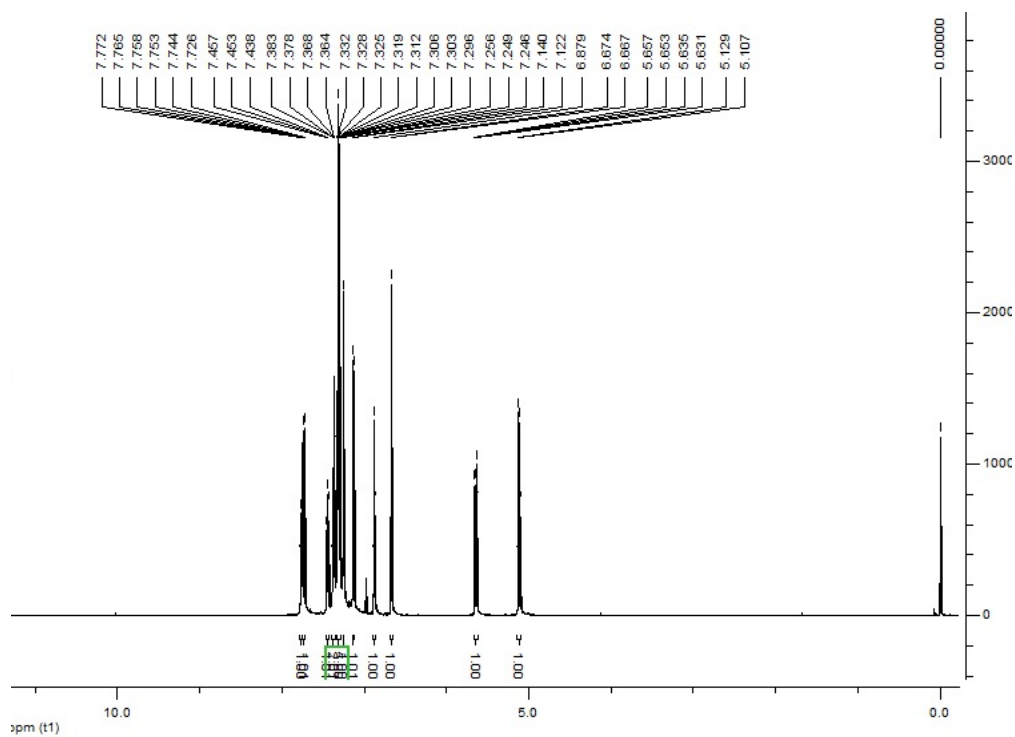


Solvent: DMSO-d₆- Frequency: 125 MHz

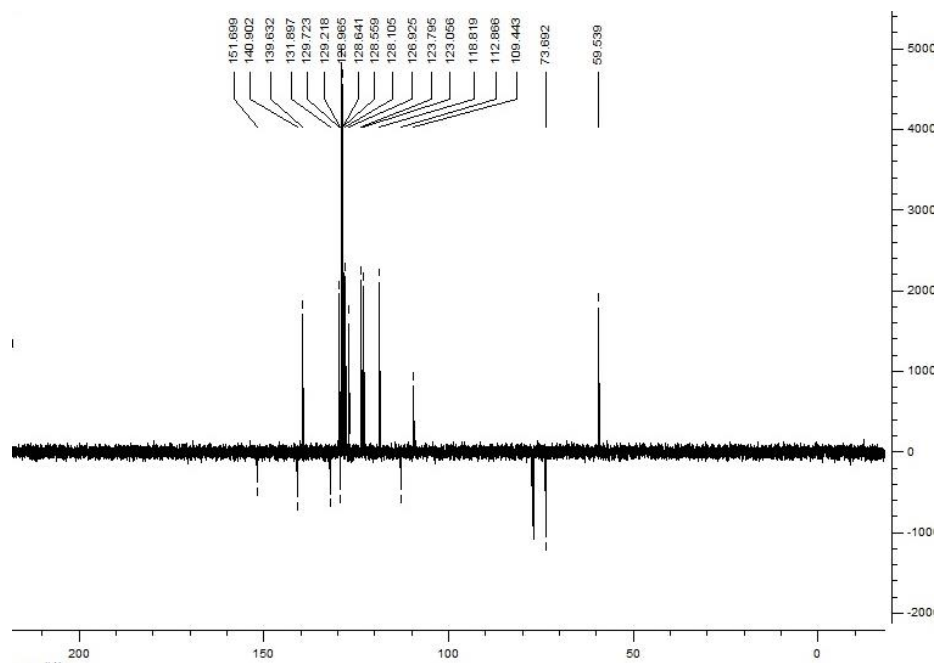


Compound 2a:

Solvent: CDCl₃- Frequency: 500 MHz

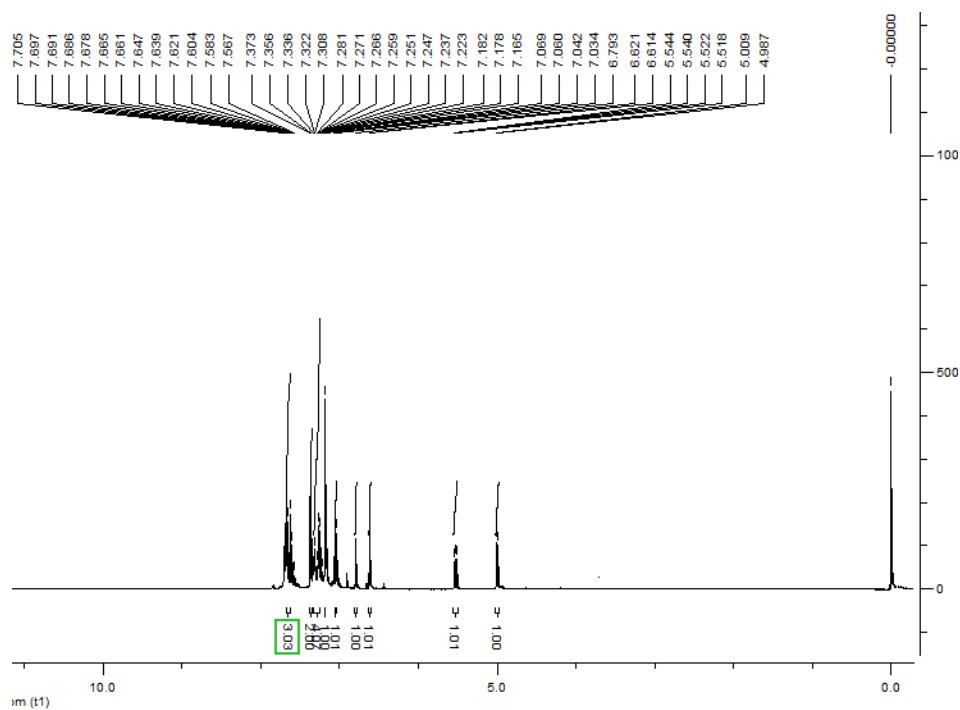


Solvent: CDCl₃ – Frequency: 125 MHz

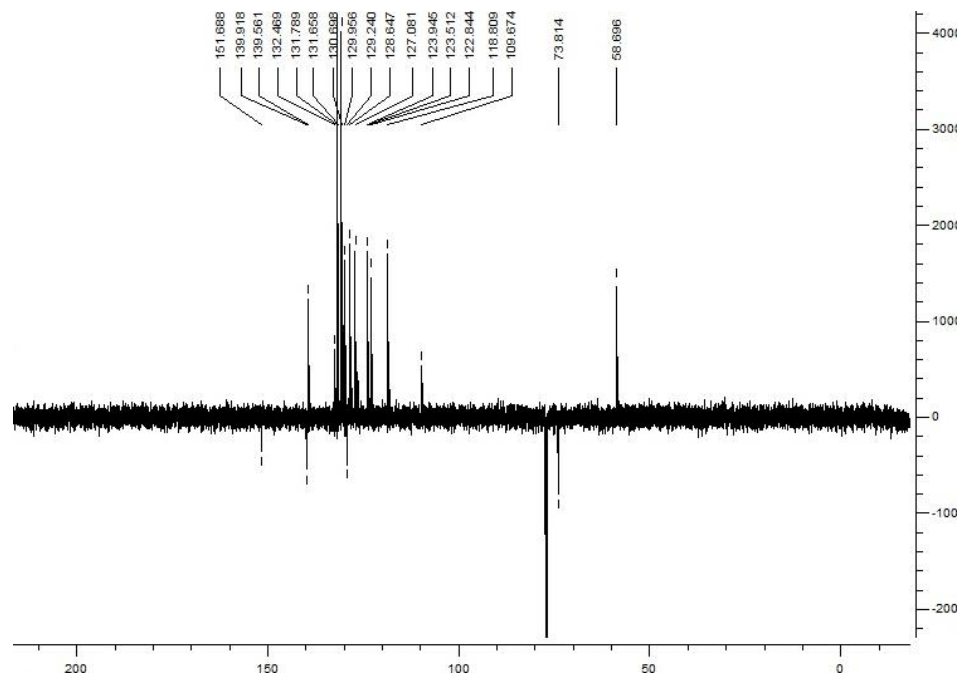


Compound 2b:

Solvent: CDCl₃ – Frequency: 500 MHz

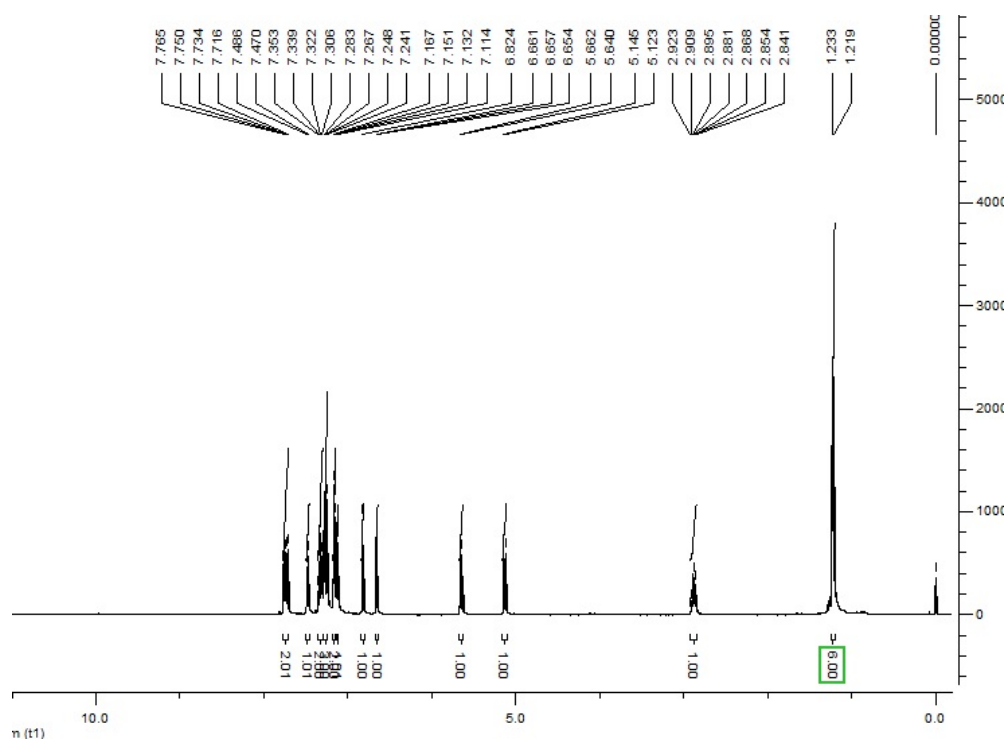


Solvent: CDCl₃ – Frequency: 125 MHz

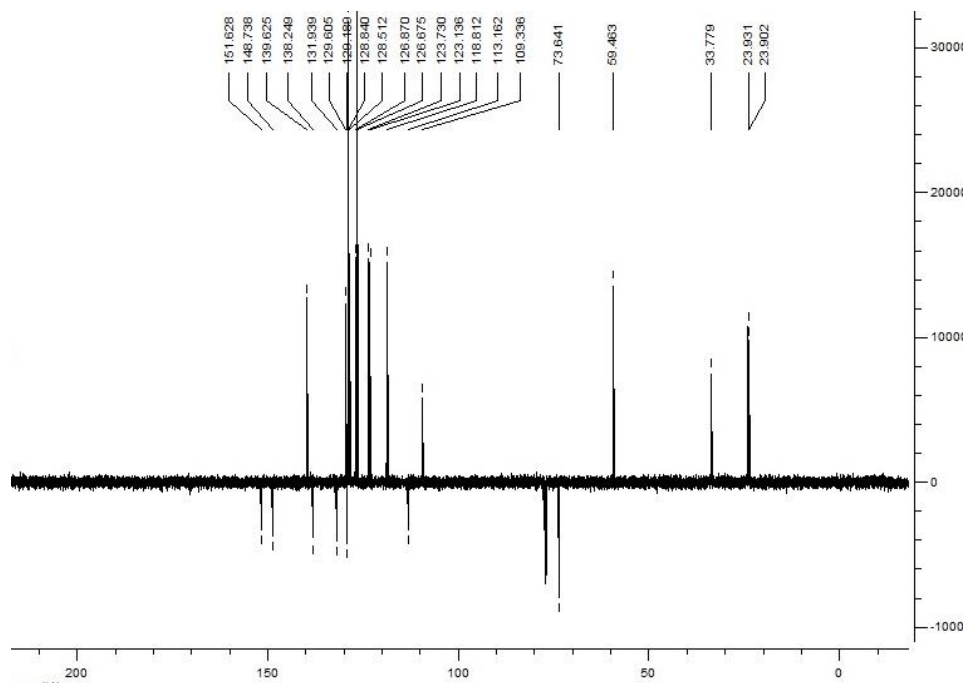


Compound 2c:

Solvent: CDCl₃ – Frequency: 500 MHz

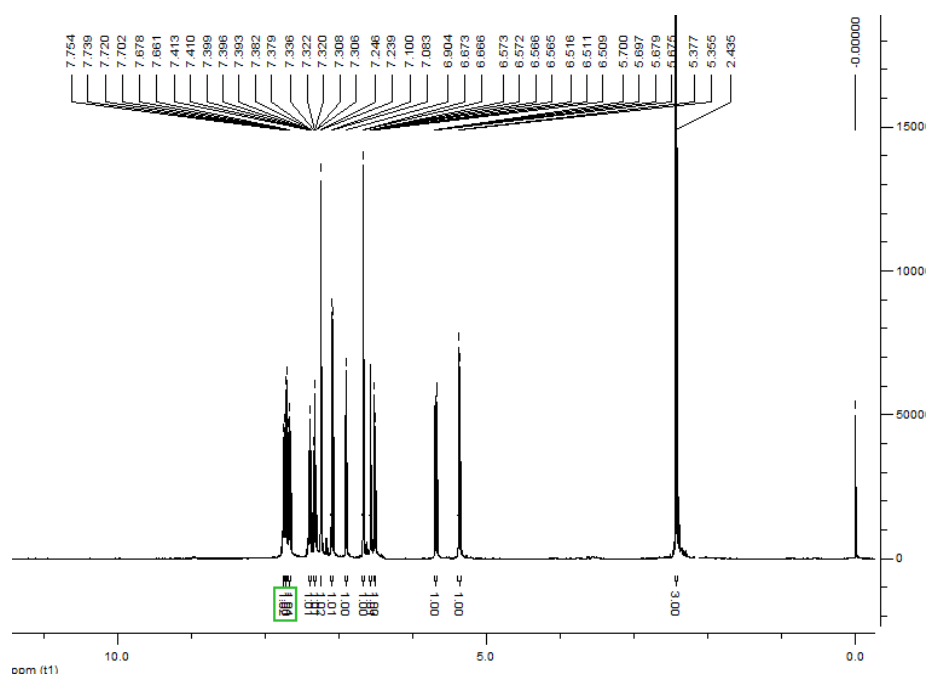


Solvent: CDCl₃ – Frequency: 125 MHz



Compound 2e:

Solvent: CDCl₃ – Frequency: 500 MHz



Solvent: CDCl₃ – Frequency: 125 MHz

