

Supplementary Material

For

Novel c-Jun N-terminal Kinase (JNK) Inhibitors with an 11*H*-Indeno[1,2-*b*]quinoxalin-11-one Scaffold

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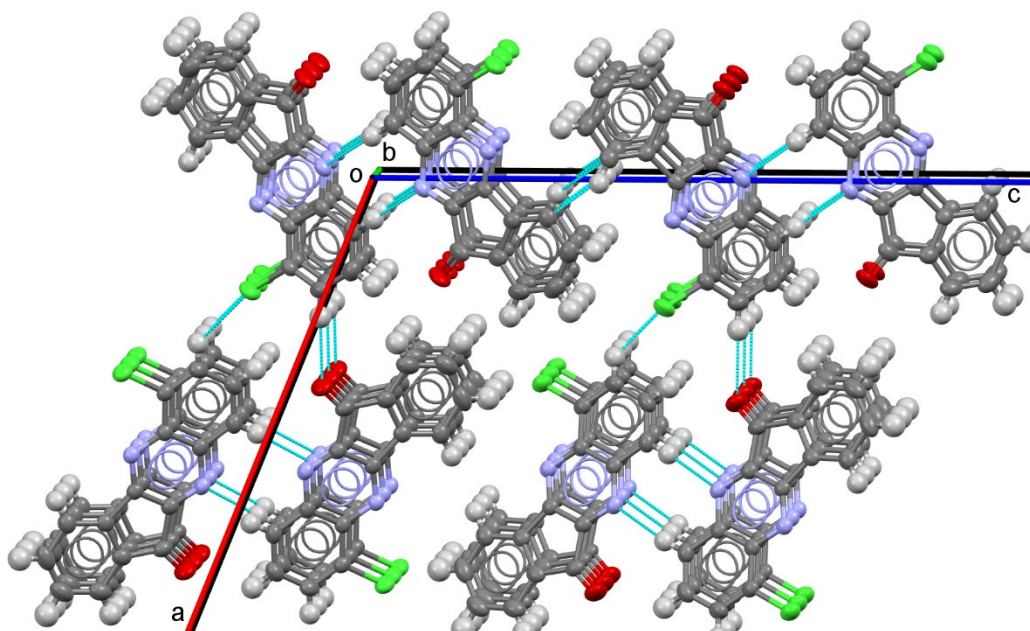
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Supplementary Table S1. Bond lengths and angles of H-bonds for compound **3b** in the crystal^a.

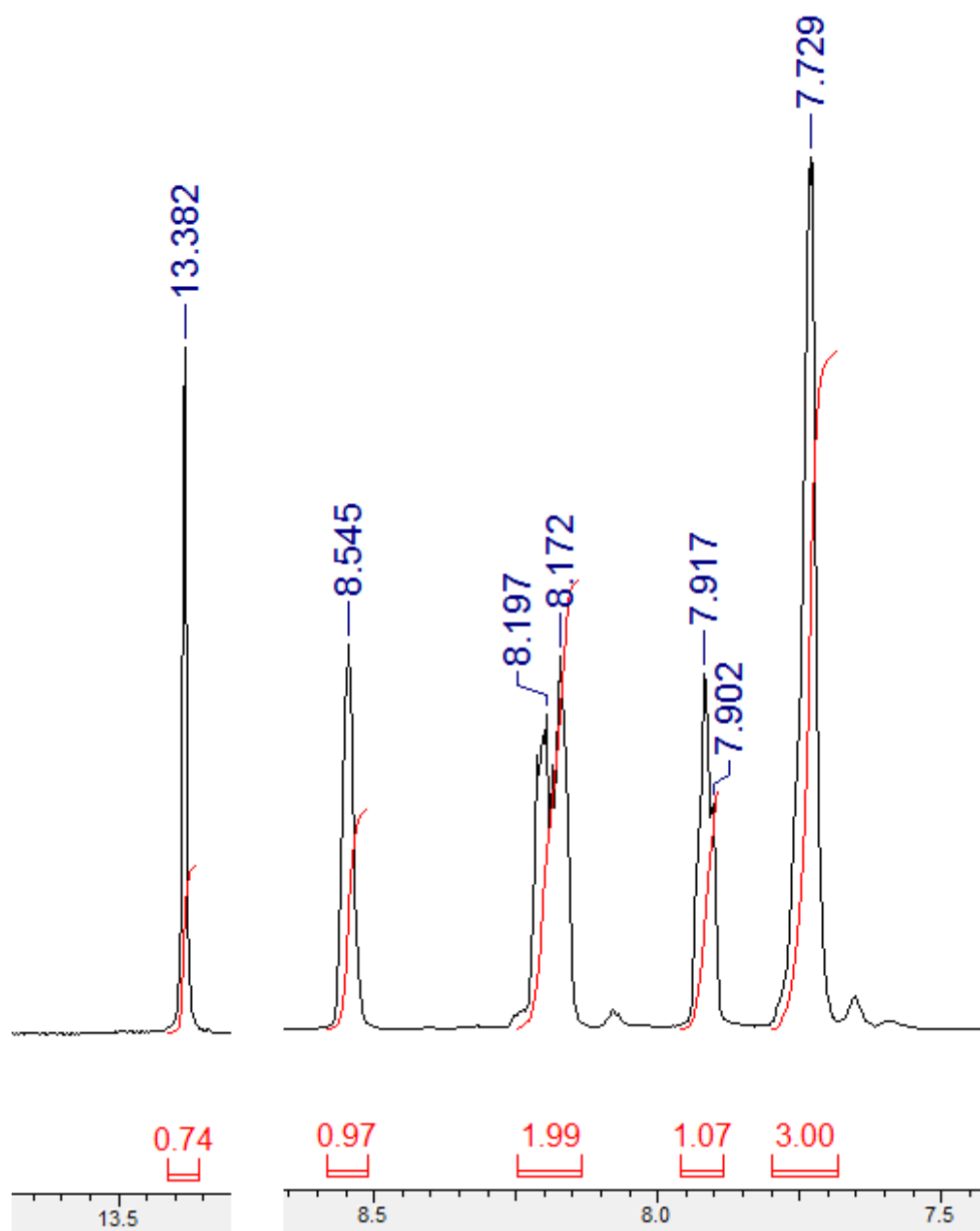
H-bond	D-H	Distance (Å)		Angle ^a
		H...A	D...A	D-H...A
C9-H...N10	0.93	2.58	3.497(3)	168
C7'-H...O13	0.93	2.55	3.451(4)	163
C9'-H...N10'	0.93	2.58	3.493(4)	168

^a Bond angles in degrees.

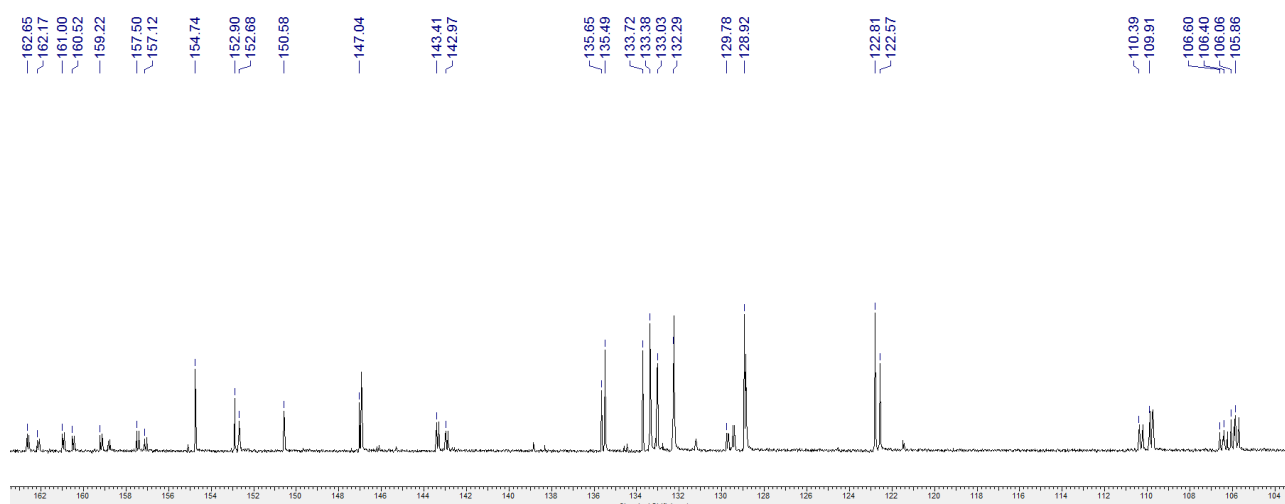


Supplementary Figure S1. Crystal packing of compound **3b** along crystallographic axis *b*. Oxygen and chlorine atoms are shown in red and green, respectively. Intermolecular H-bonds are shown as thin blue lines.

NMR Spectra Data



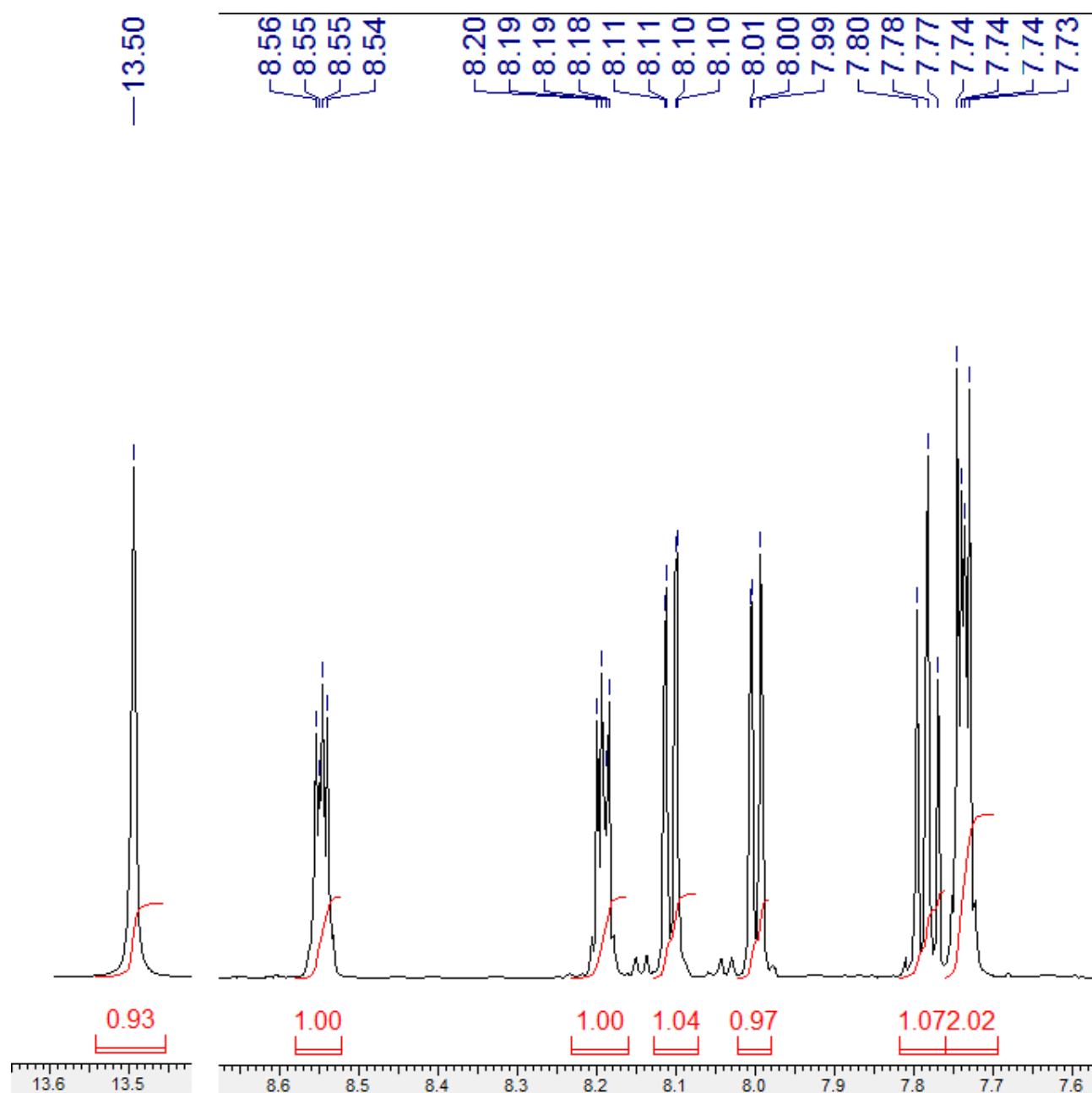
NMR ^1H spectrum (600 MHz, $\text{DMSO-}d_6$) of compound **4a**.



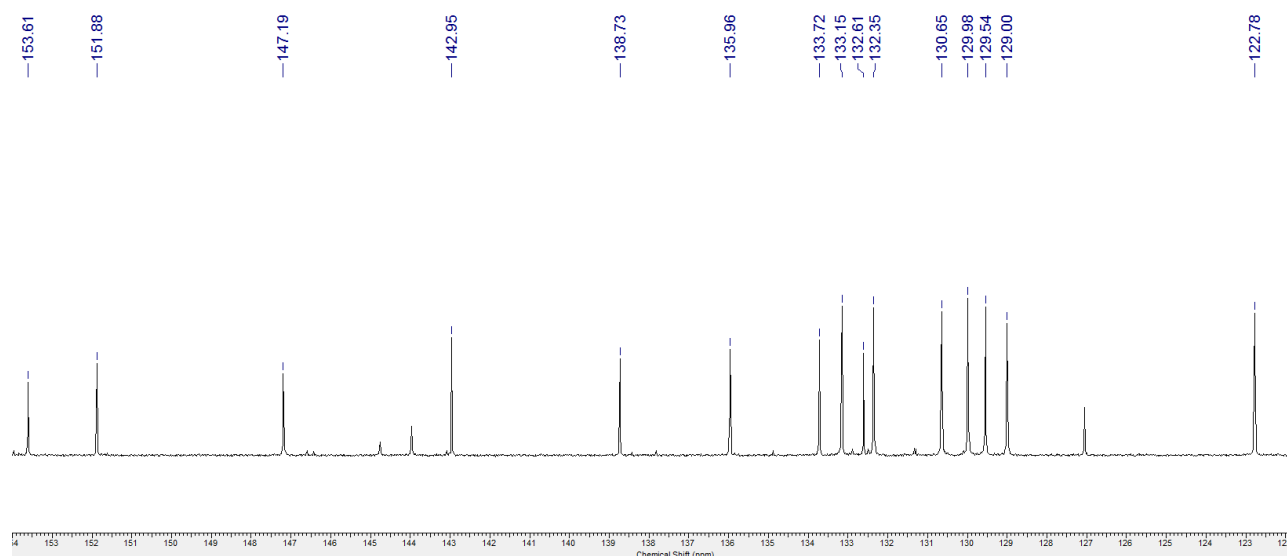
NMR ¹³C spectrum (150 MHz, DMSO-D₆) of compound **4a**.



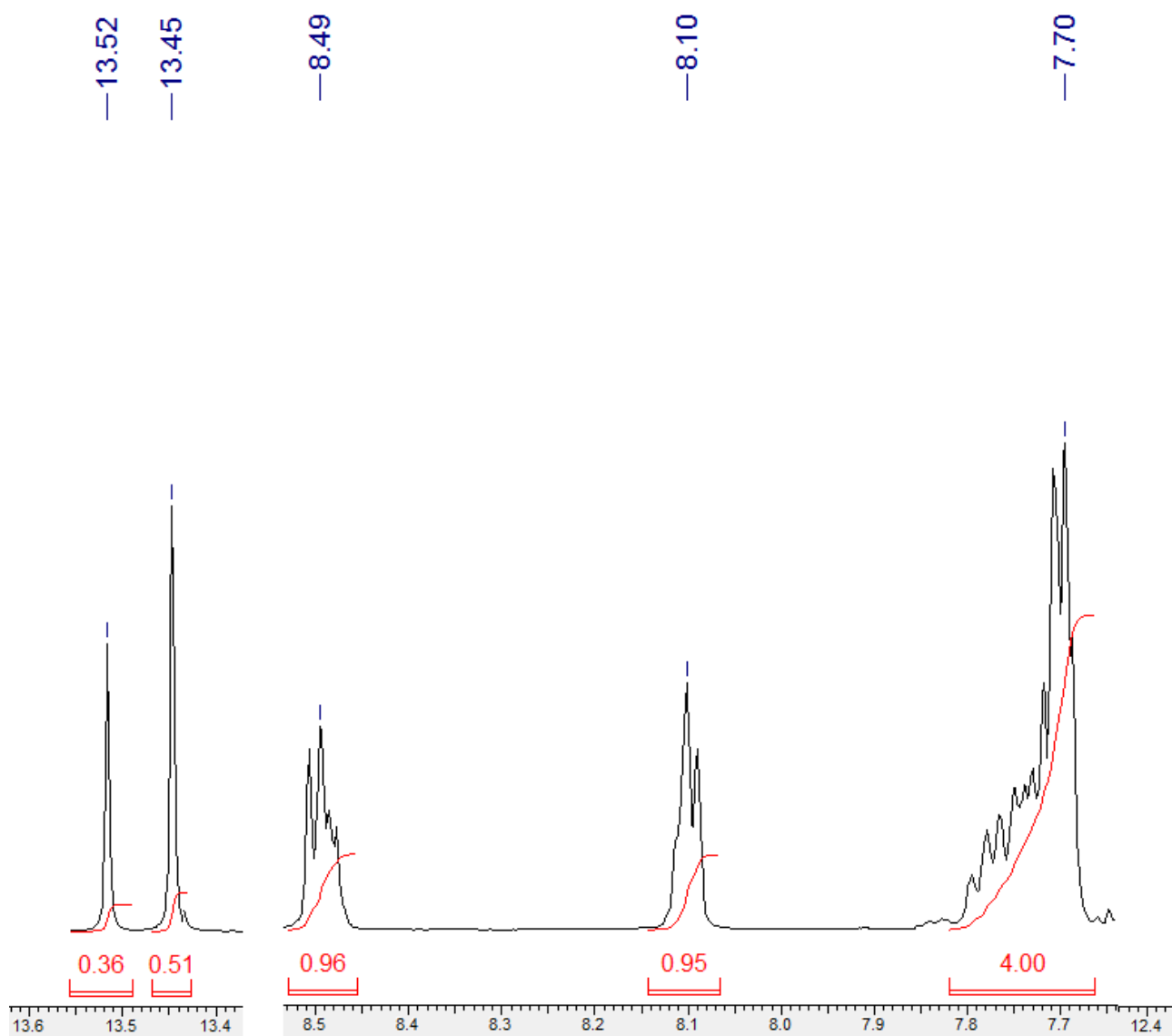
NMR ¹⁹F spectrum (280 MHz, DMSO-D₆) of compound **4a**.



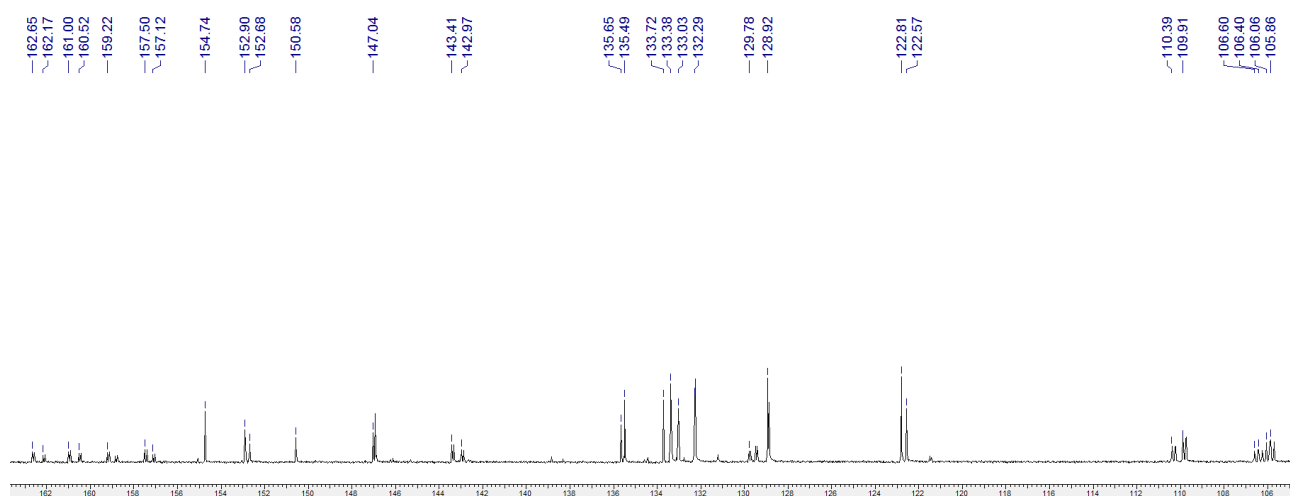
NMR ^1H spectrum (600 MHz, DMSO- D_6) of compound **4b**.



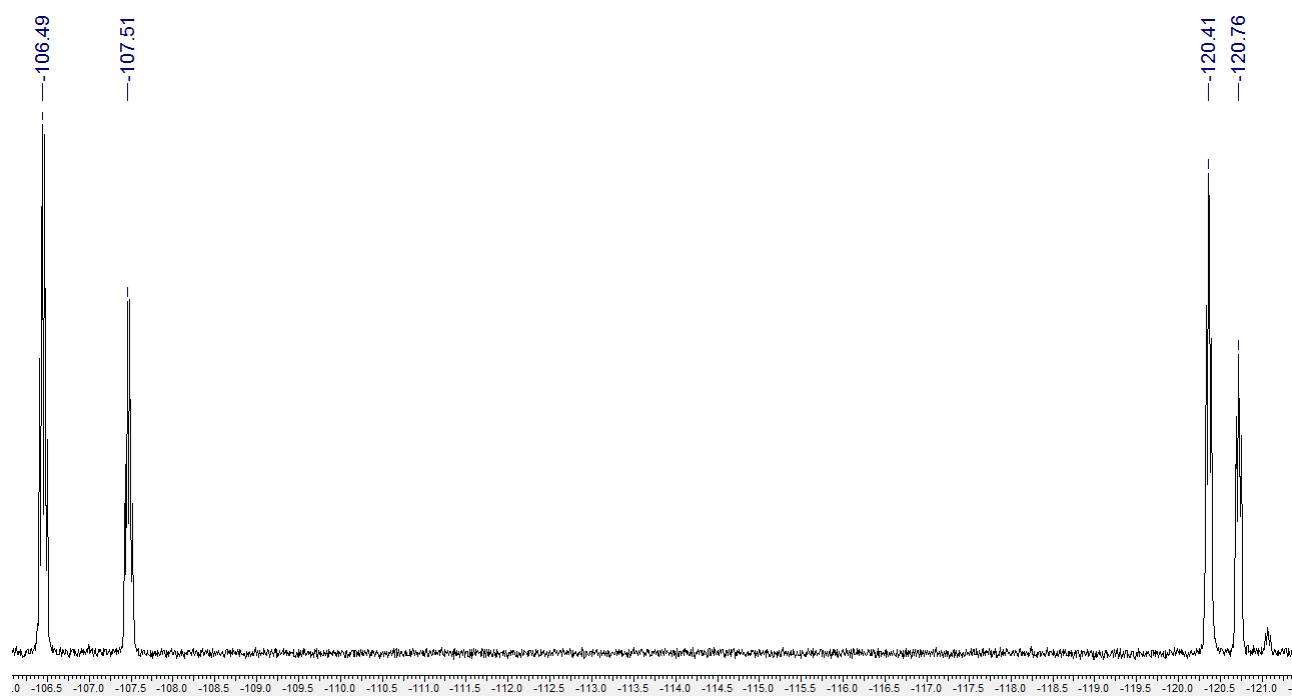
NMR ¹³C spectrum (150 MHz, DMSO-D6) of compound **4b**.



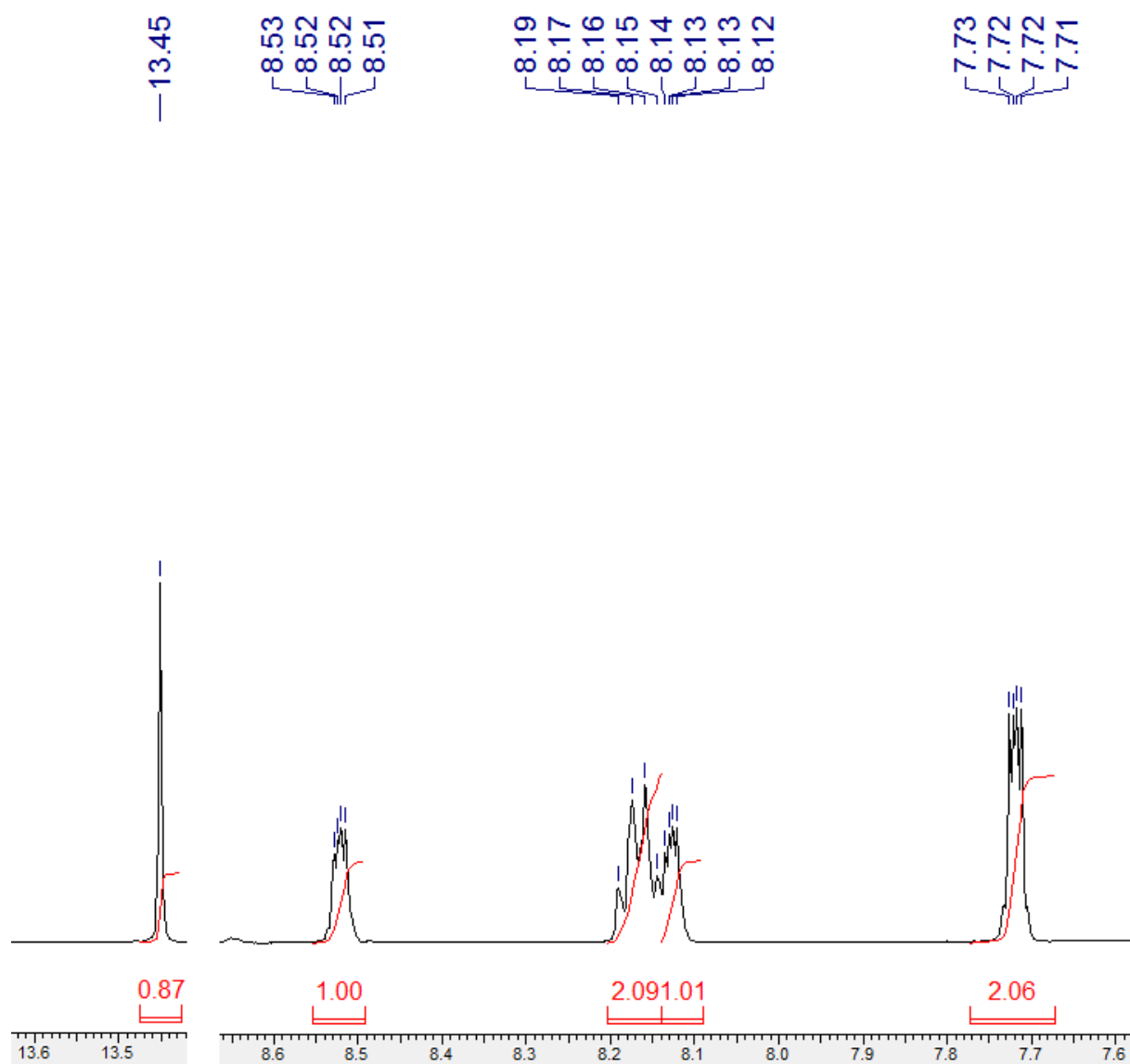
NMR ^1H spectrum (600 MHz, DMSO-D₆) of compound **4e**.



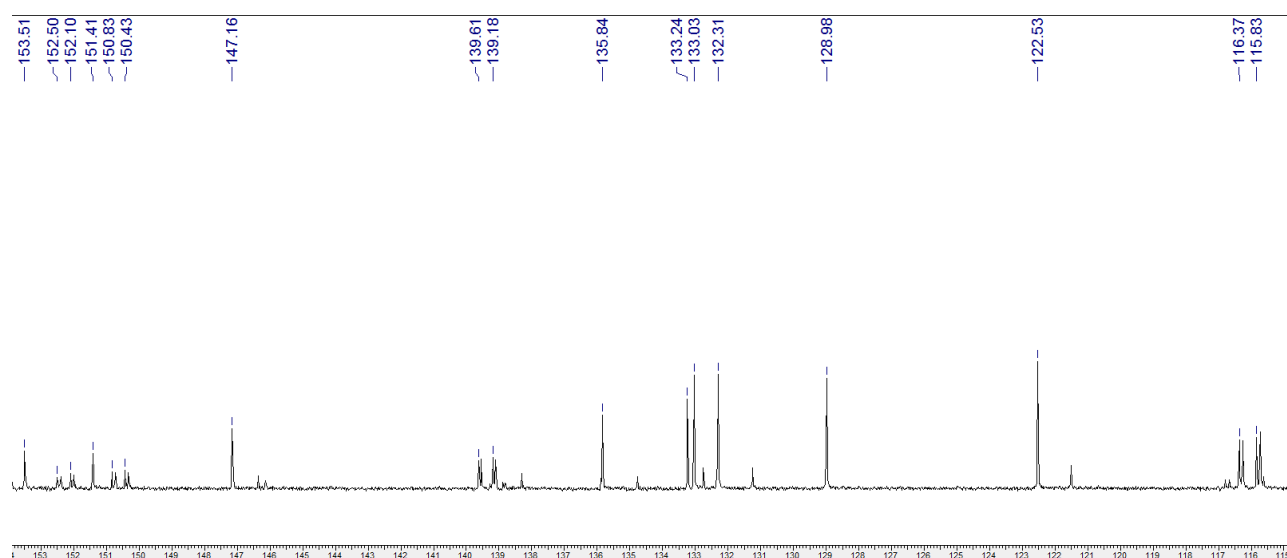
NMR ^{13}C spectrum (150 MHz, DMSO-D₆) of compound **4e**.



NMR ^{19}F spectrum (280 MHz, DMSO- D_6) of compound **4e**.



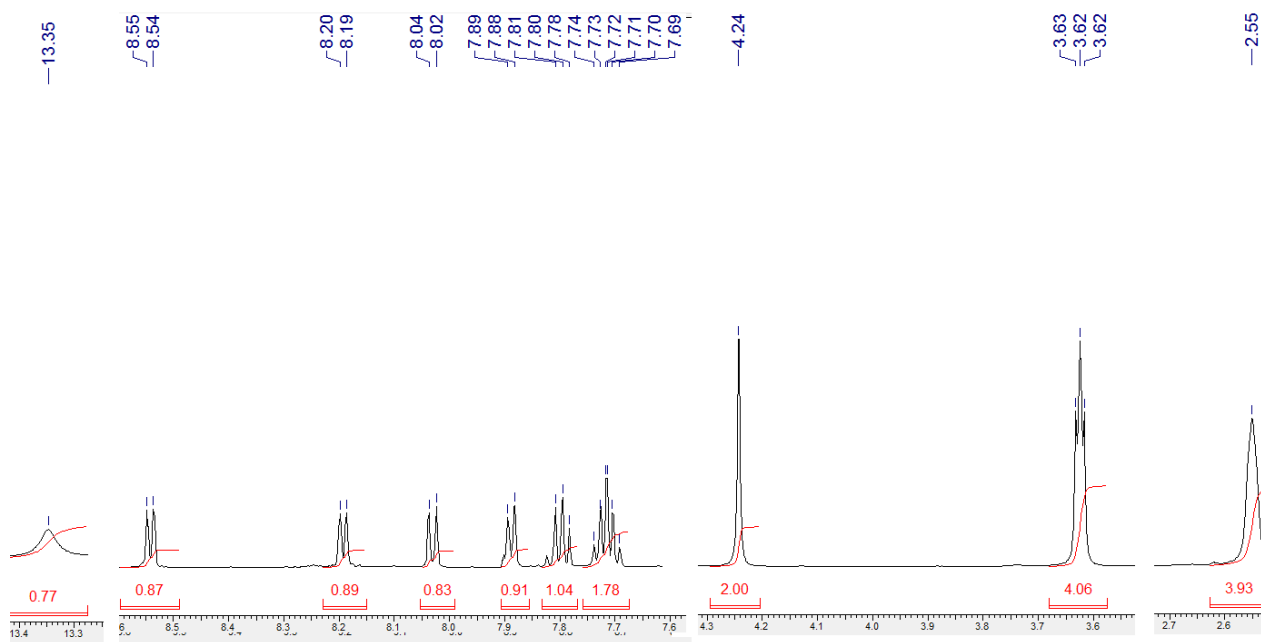
NMR ¹H spectrum (600 MHz, DMSO-D₆) of compound **4f**.



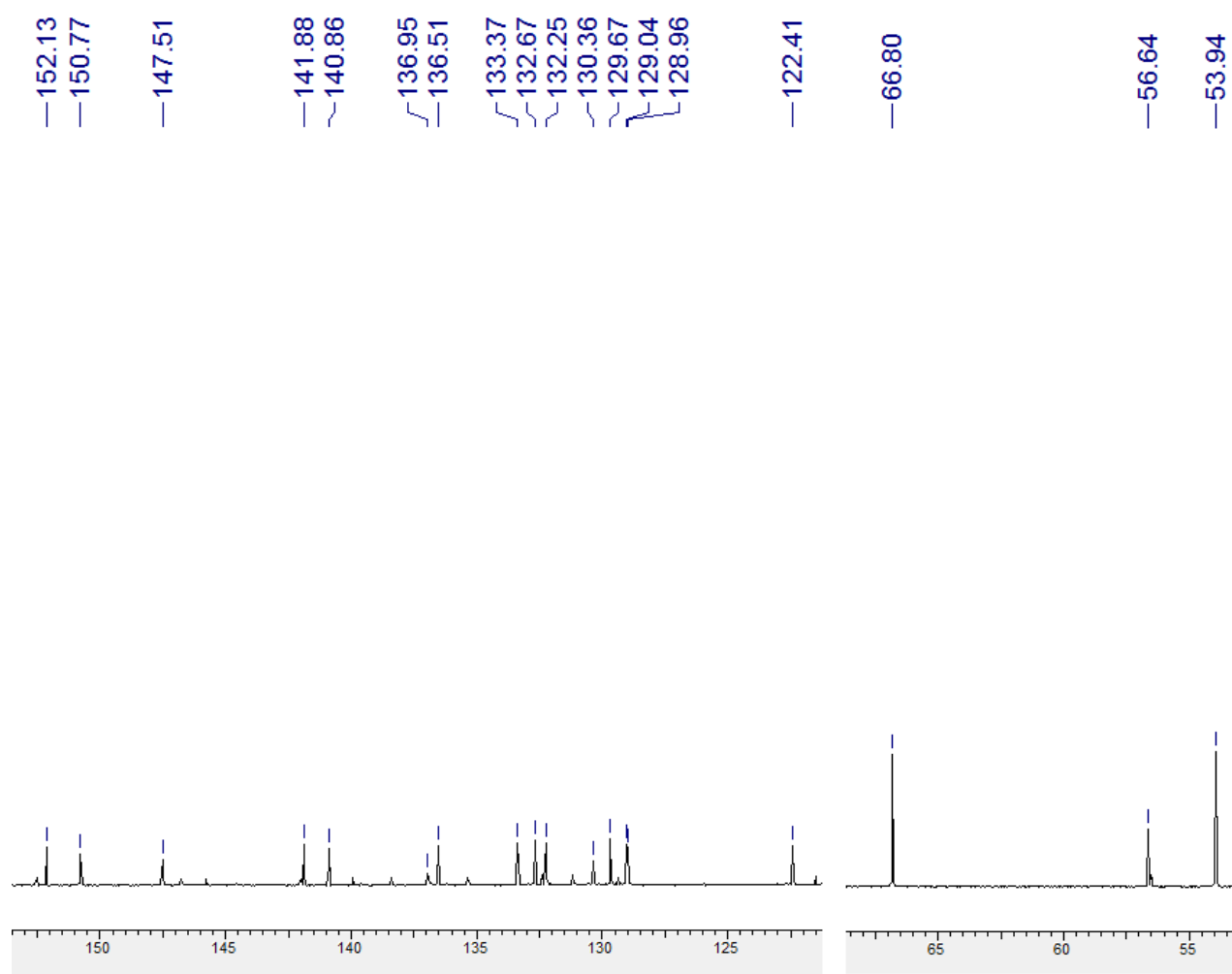
NMR ¹³C spectrum (150 MHz, DMSO-D₆) of compound **4f**.



NMR ^{19}F spectrum (280 MHz, DMSO- D_6) of compound **4f**.



NMR ^1H spectrum (600 MHz, DMSO- D_6) of compound **4m**.



NMR ^{13}C spectrum (150 MHz, $\text{DMSO-}d_6$) of compound **4m**.