

**Nitro-Group Containing Thiopeptide Derivatives as a Promising Agents to Target *Clostridioides difficile***

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# Supporting Information

***<sup>1</sup>H and <sup>13</sup>C NMR Spectra***

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<sup>1</sup>H NMR CDCl<sub>3</sub> (D:\DATA\NJS) nmrsu 7

ouse Sensitivity: 1.0

.962 ppm / 3986.235 Hz

um = 11.7412

EFINE REGION MODE

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eturn: Left-click highlighted icon

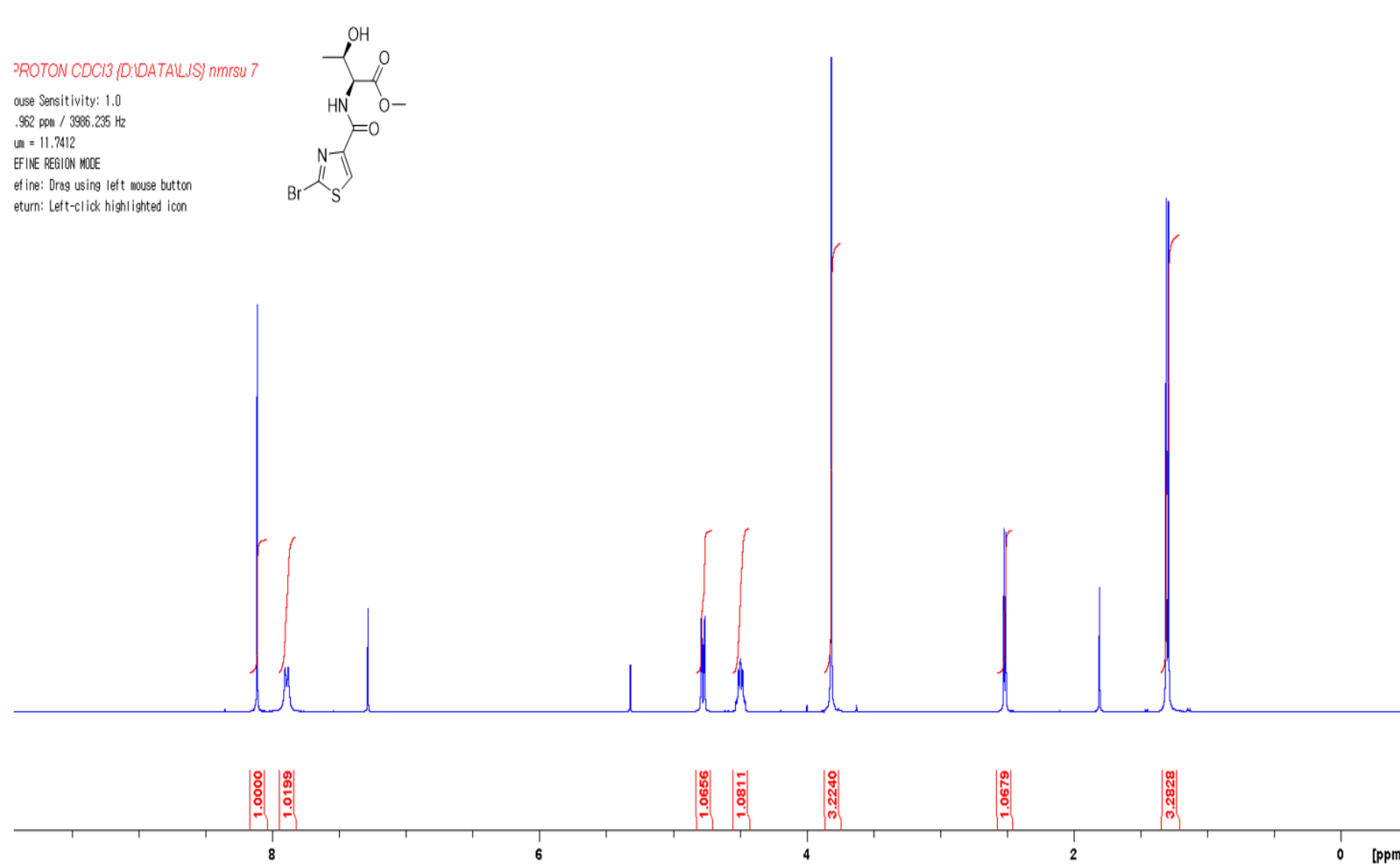
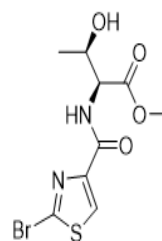
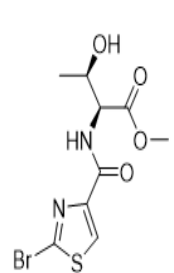


Figure S1: <sup>1</sup>H-NMR Spectrum of compound **2** (400 MHz, CDCl<sub>3</sub>)

C:\3CPD CDC13 {D:\DATA\LS} nmrsu 7



171.0336

160.1585

149.1802

136.1443

127.7074

68.0211

57.3647

52.7604

19.9659

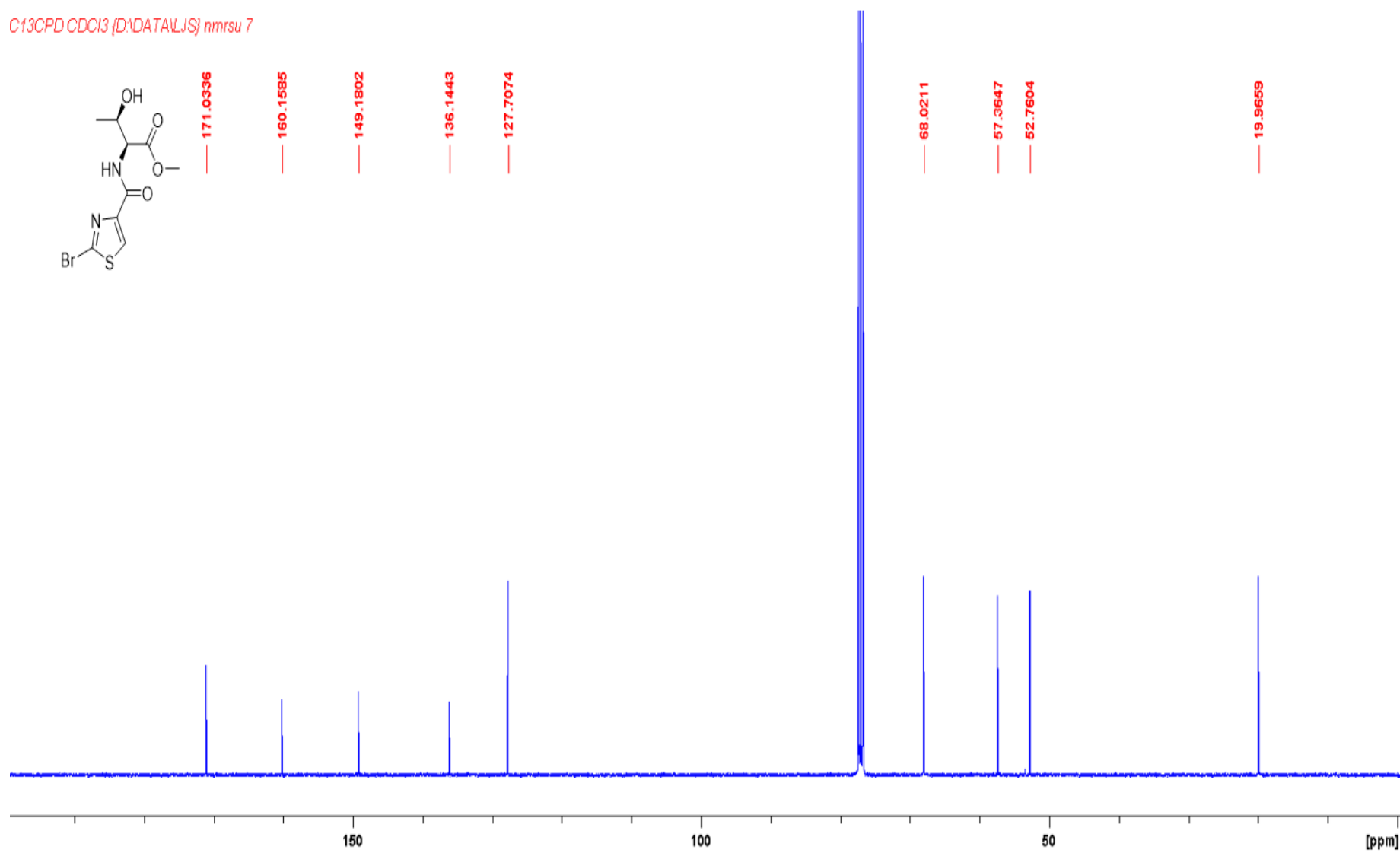


Figure S2: <sup>13</sup>C-NMR Spectrum of compound 2 (101 MHz, CDCl<sub>3</sub>)

PROTON DMSO (D:\DATA\LJS) nmrsu 2

Mouse Sensitivity: 1.0

9.988 ppm / 3996.359 Hz

Sum = 17.6588

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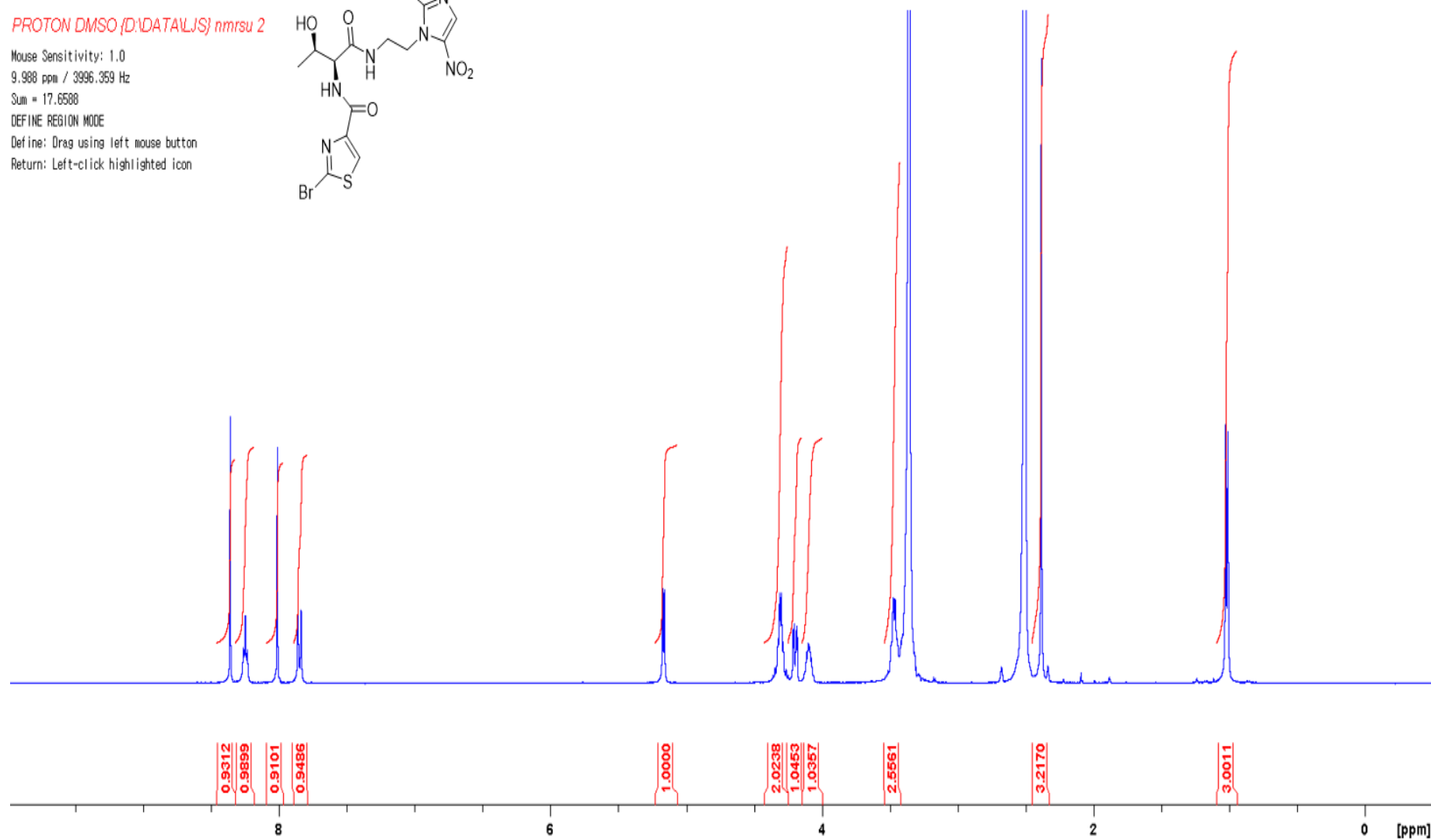
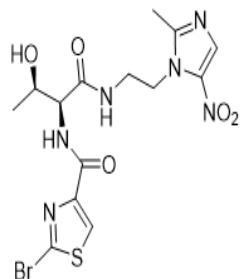


Figure S3: <sup>1</sup>H-NMR Spectrum of compound 3 (400 MHz, DMSO-*d*<sub>6</sub>)

213CPD DMSO (D:\DATA\JS) nmrsu 2

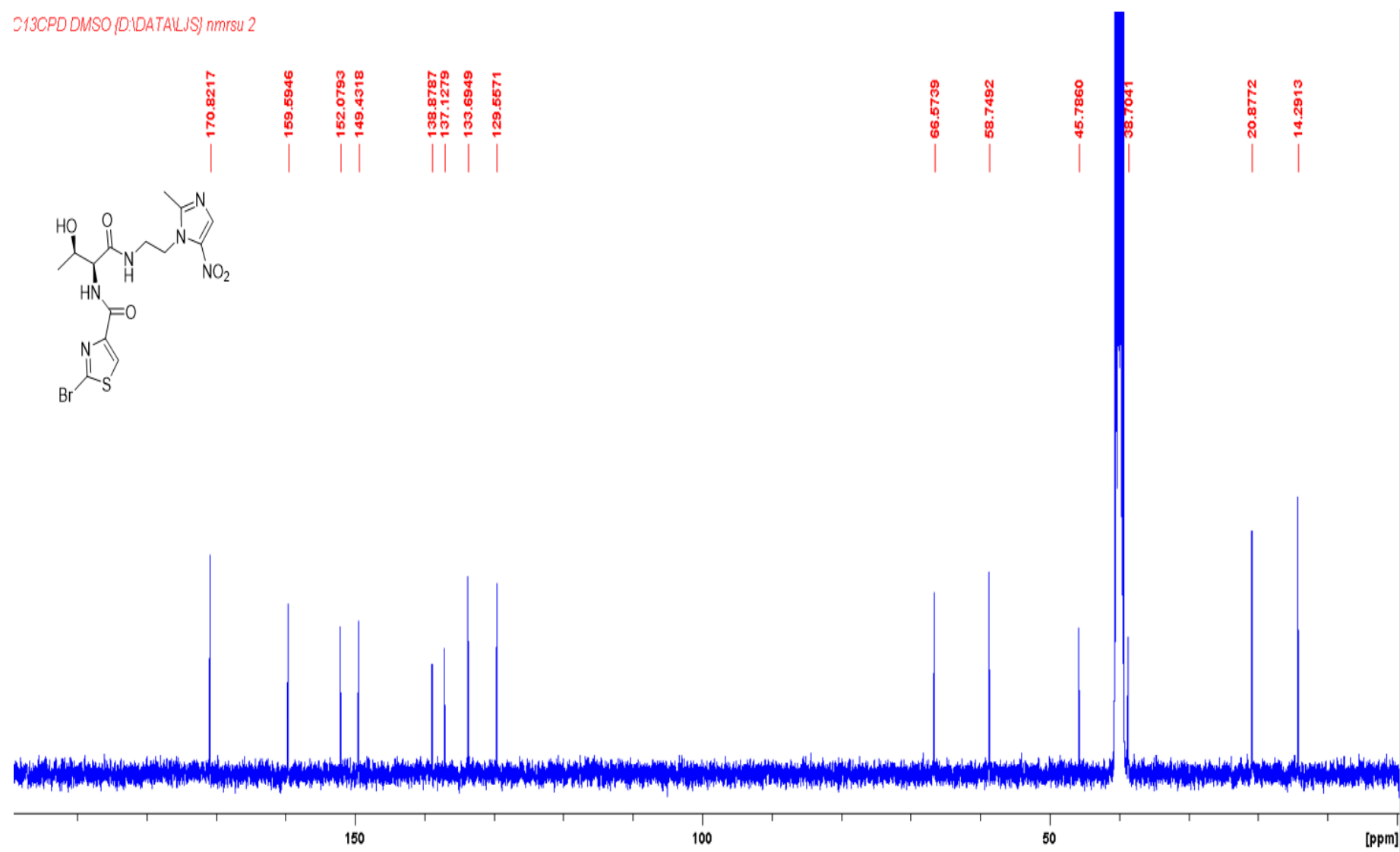


Figure S4: <sup>13</sup>C-NMR Spectrum of compound 3 (101 MHz, DMSO-*d*<sub>6</sub>)

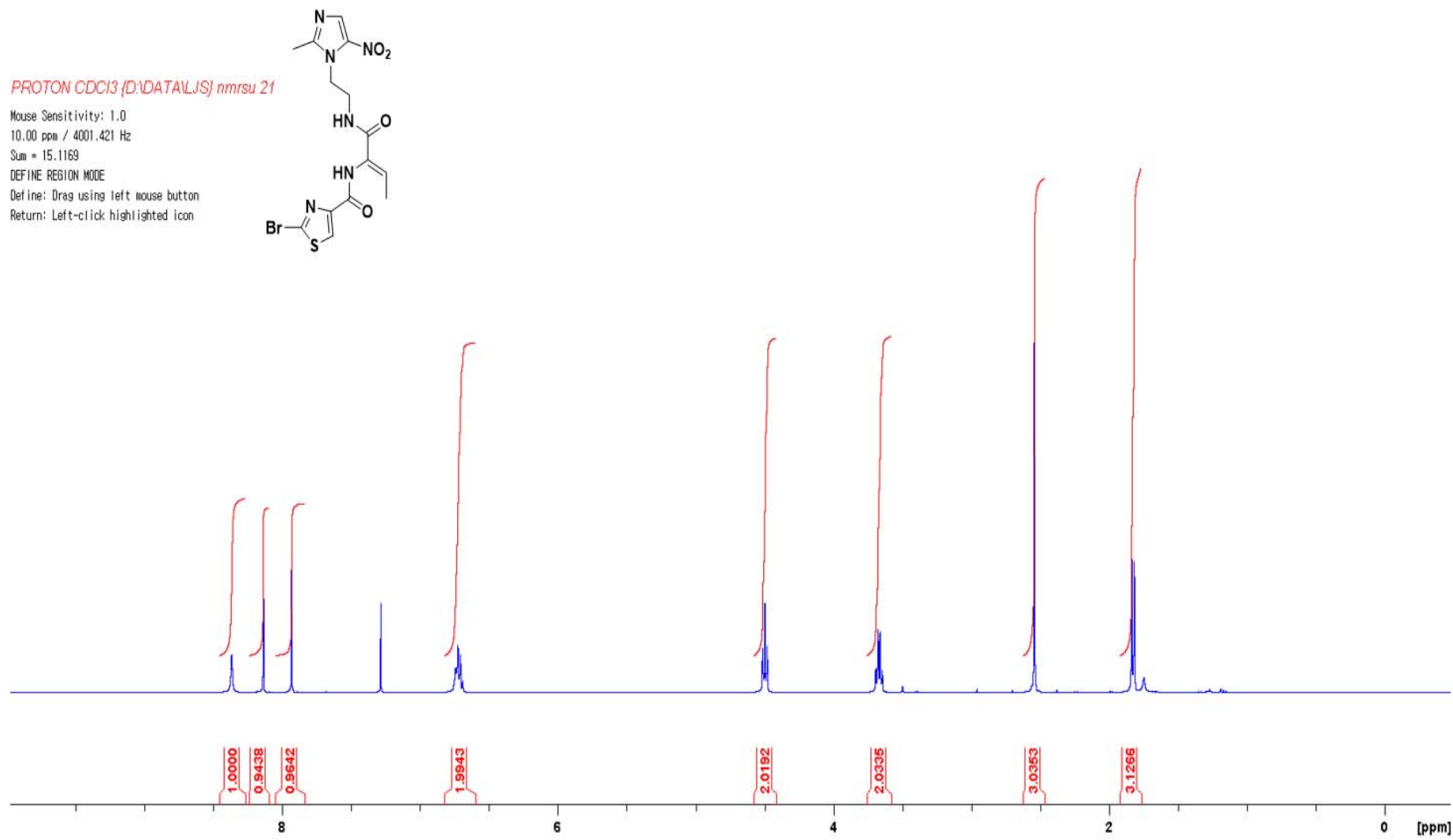


Figure S5:  $^1\text{H}$ -NMR Spectrum of compound **4** (400 MHz,  $\text{CDCl}_3$ )

C:\CPD CDC\3 {D:\DATA\LS} nmrsu 21

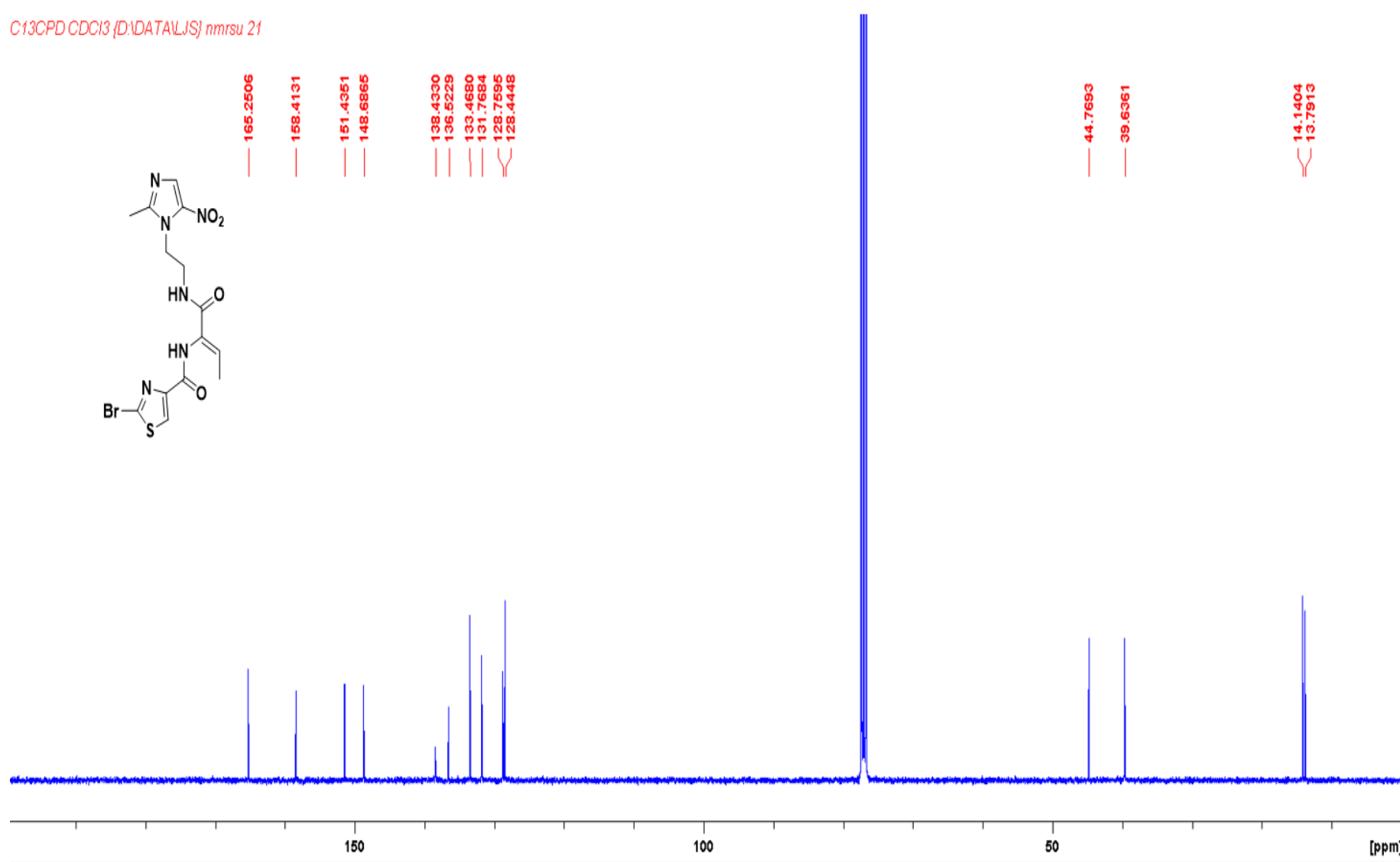


Figure S6: <sup>13</sup>C-NMR Spectrum of compound 4 (101 MHz, CDCl<sub>3</sub>)



```
Mouse Sensitivity: 1.0
10.00 ppm / 4001,421 Hz
Sum = 50.7026
DEFINE REGION MODE
Define: Drag using left mouse button
Return: Left-click highlighted icon
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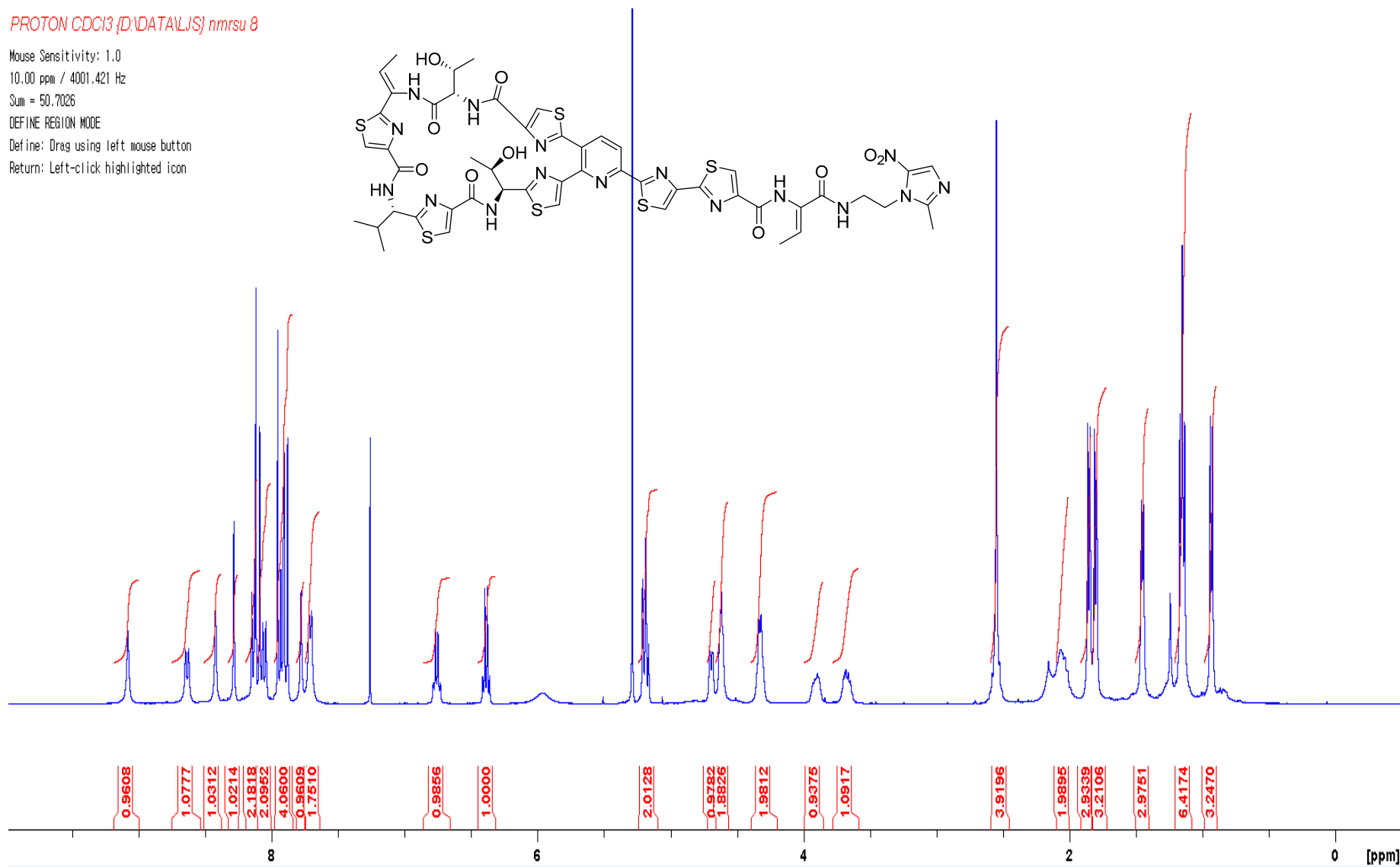
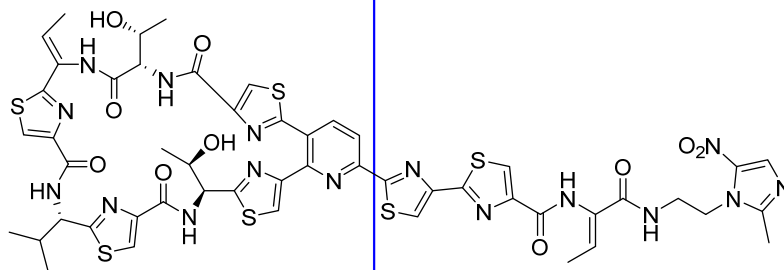


Figure S7: <sup>1</sup>H-NMR Spectrum of compound **AJ-024** (400 MHz, CDCl<sub>3</sub>)

C13CPD CDCI3 [D:\DATA\IJS] nmrsu 8

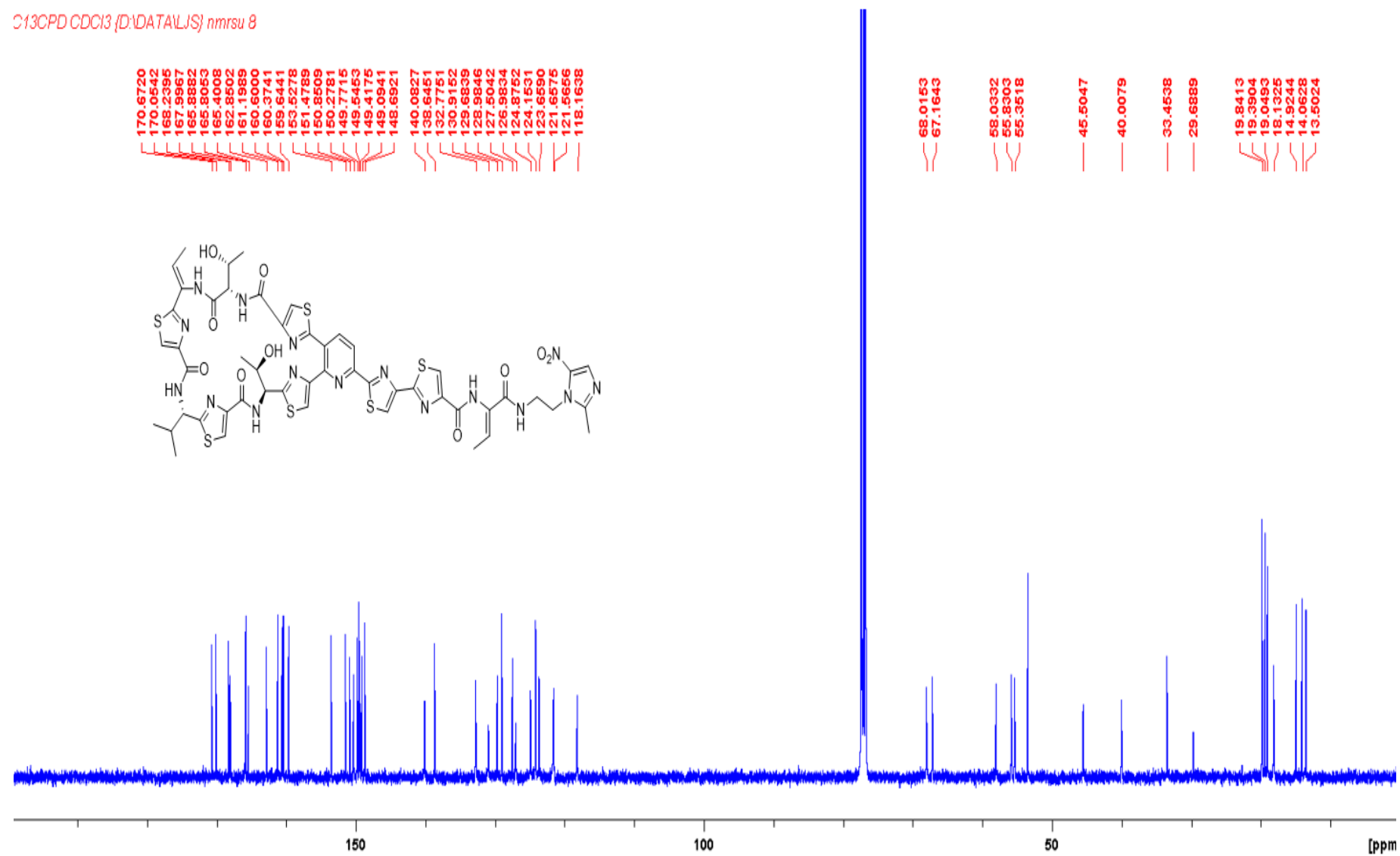


Figure S8:  $^{13}\text{C}$ -NMR Spectrum of compound AJ-024 (101 MHz,  $\text{CDCl}_3$ )

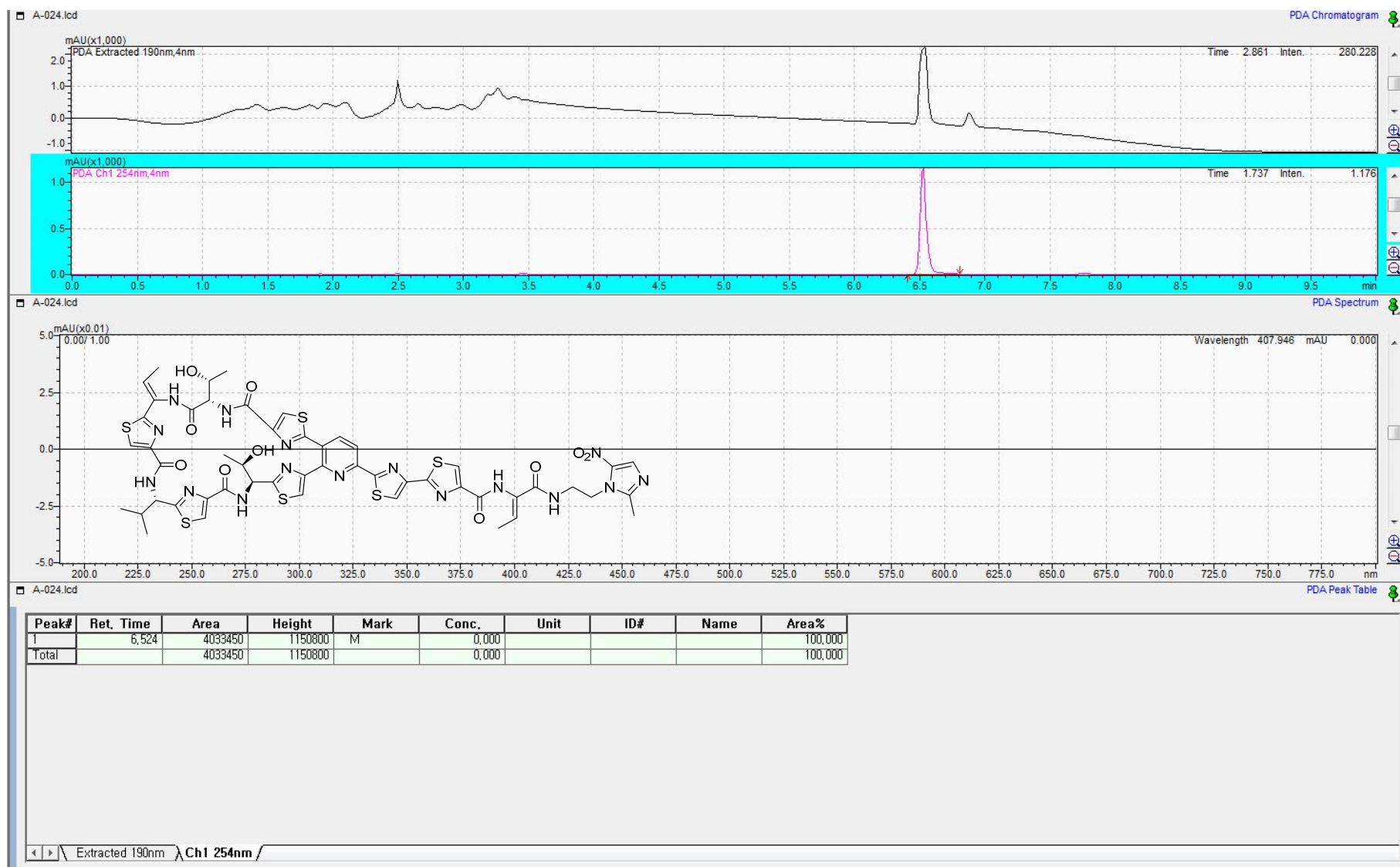


Figure S9:HPLC chromatogram of compound **AJ-024**