

## Supporting Information

# Exploration of Bis-Cinnamido-Polyamines as Intrinsic Antimicrobial Agents and Antibiotic Enhancers

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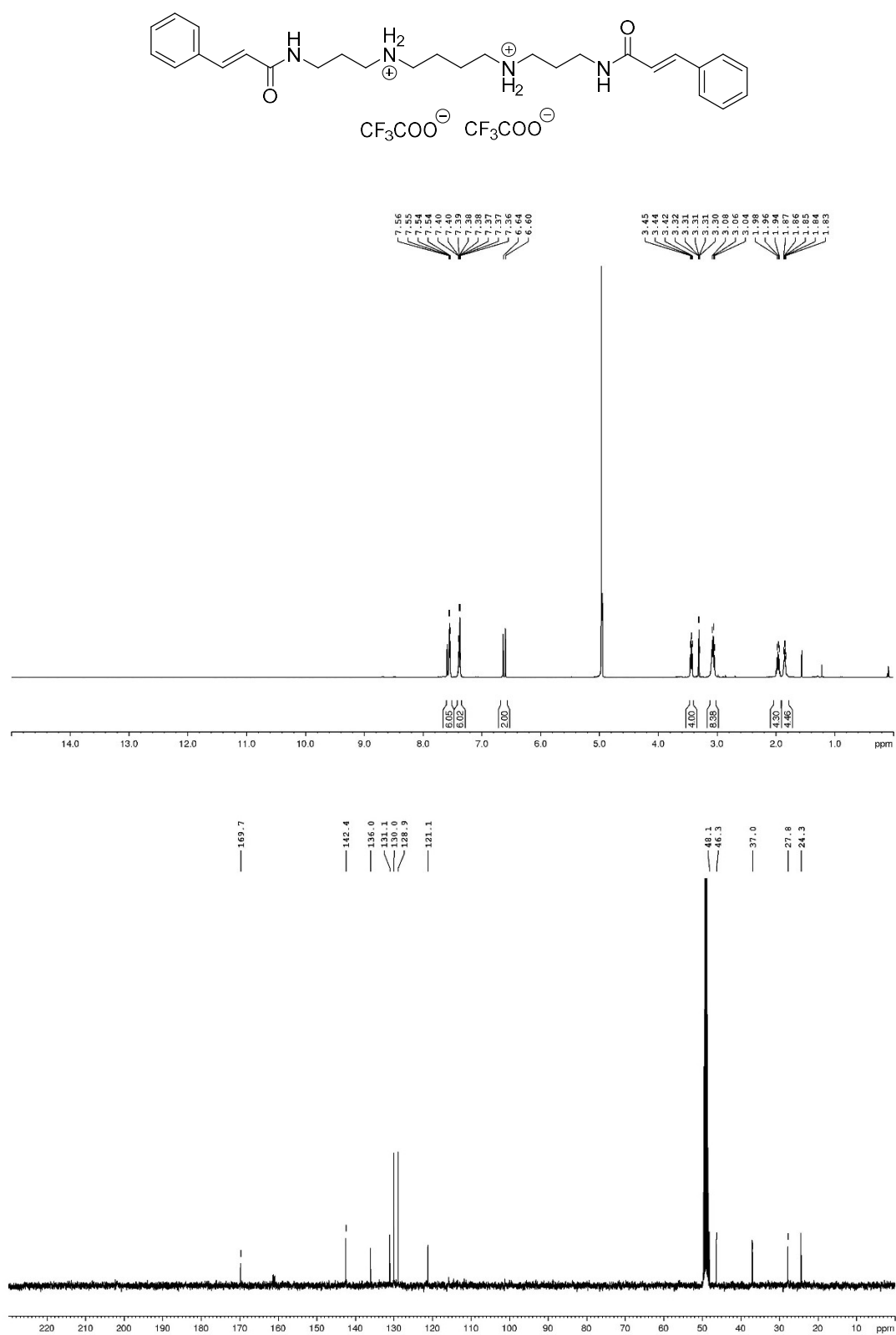
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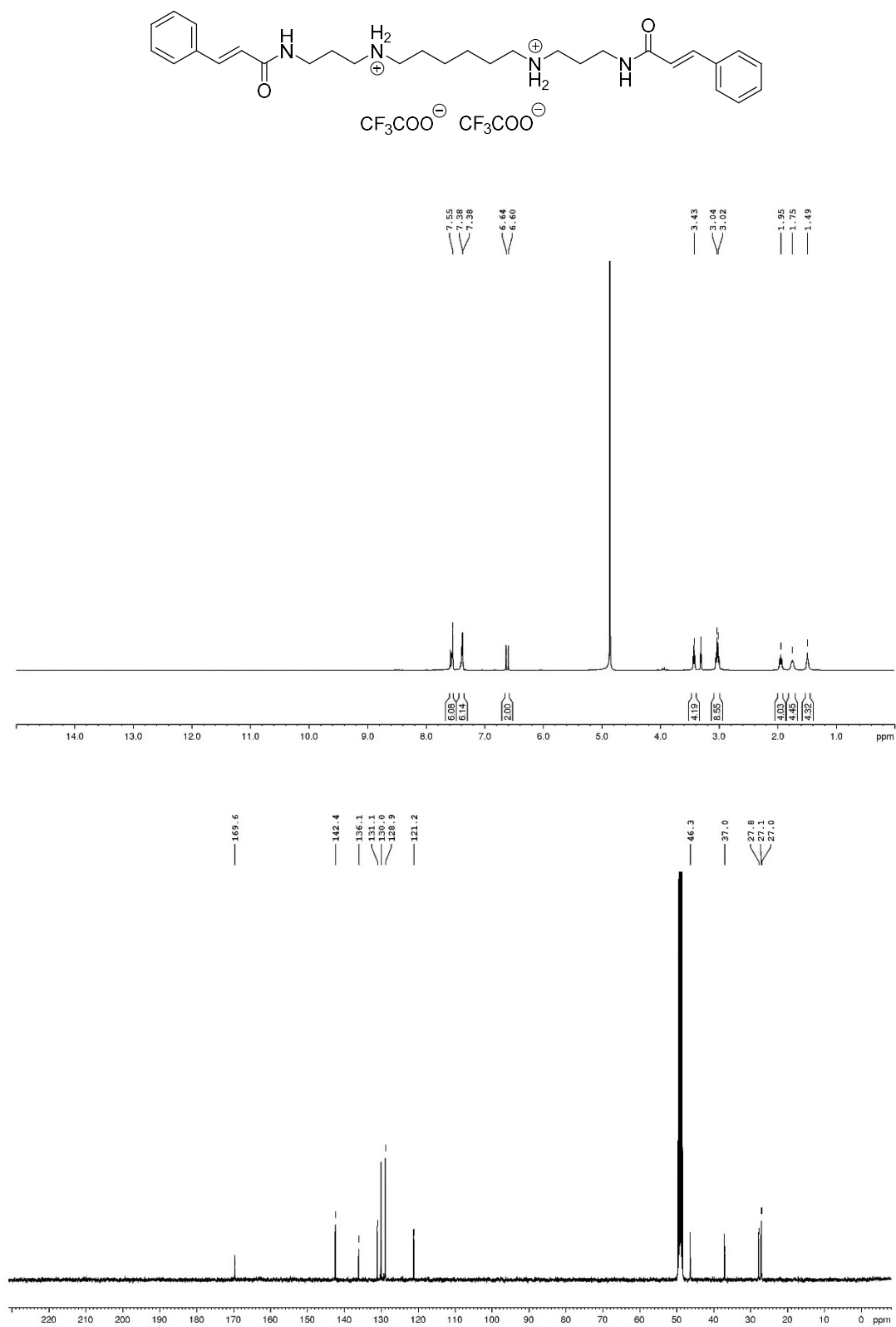
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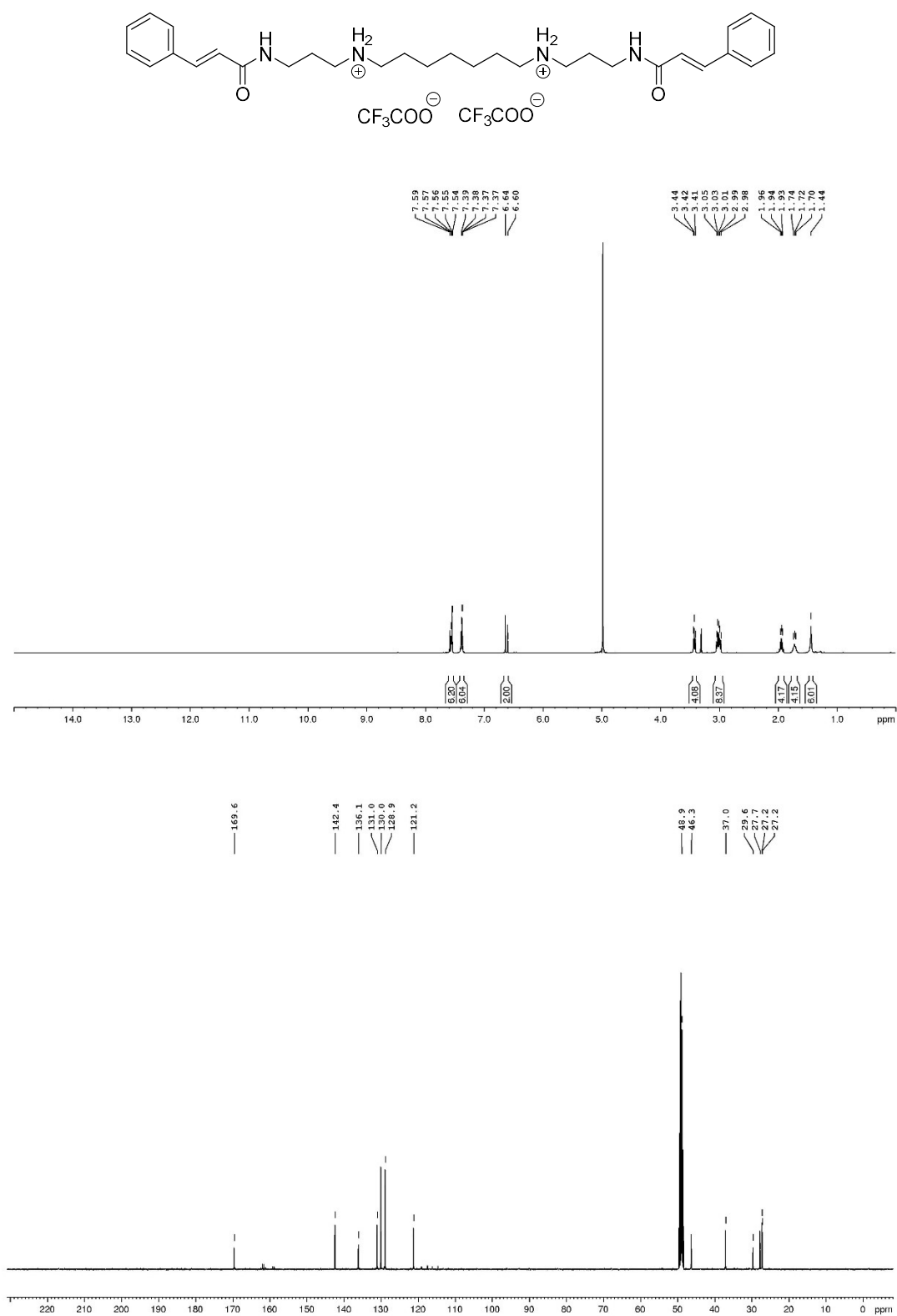
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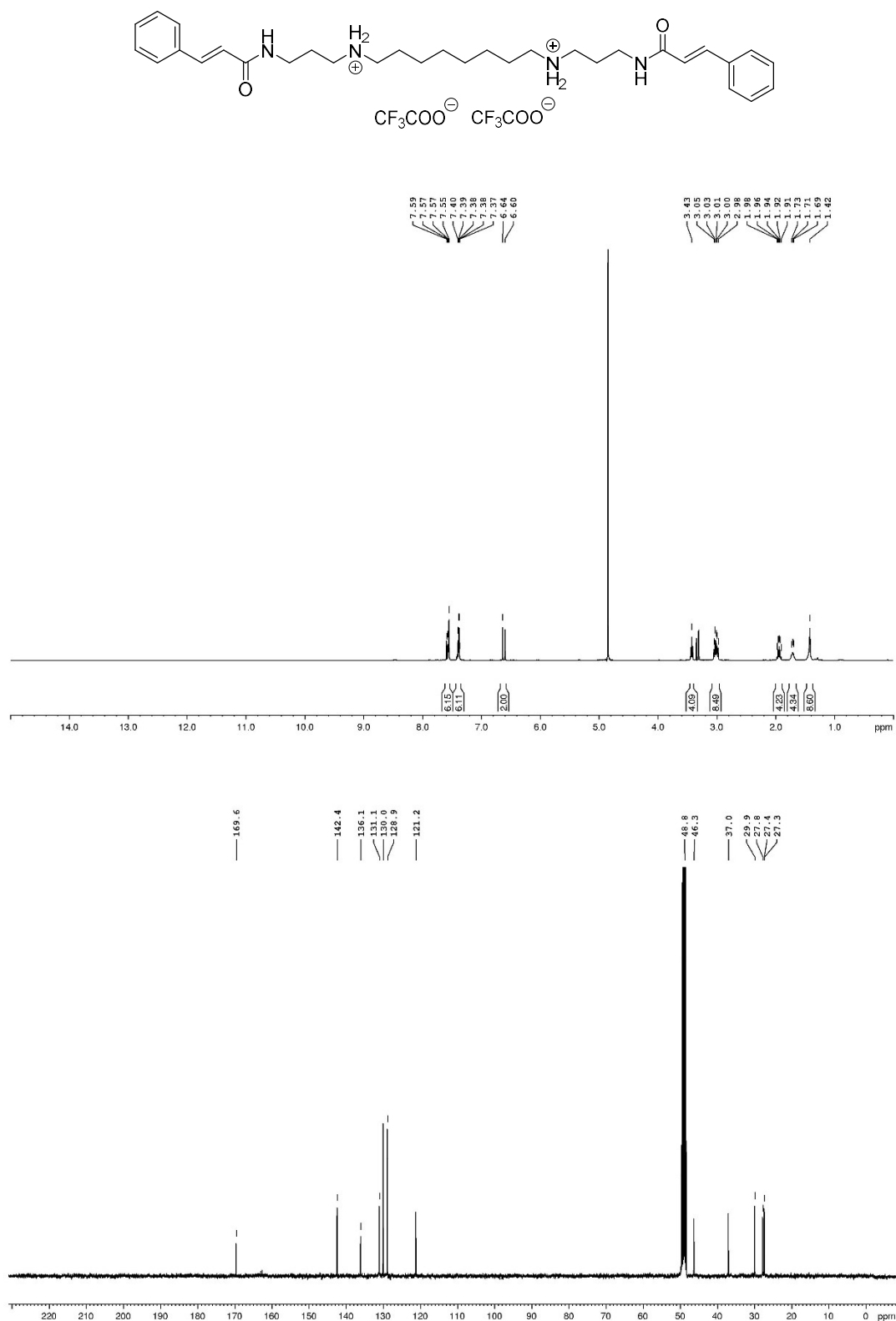
**Figure S1.**  $^1\text{H}$  ( $\text{CD}_3\text{OD}$ , 400 MHz) and  $^{13}\text{C}$  ( $\text{CD}_3\text{OD}$ , 100 MHz) NMR spectra for **13a**.



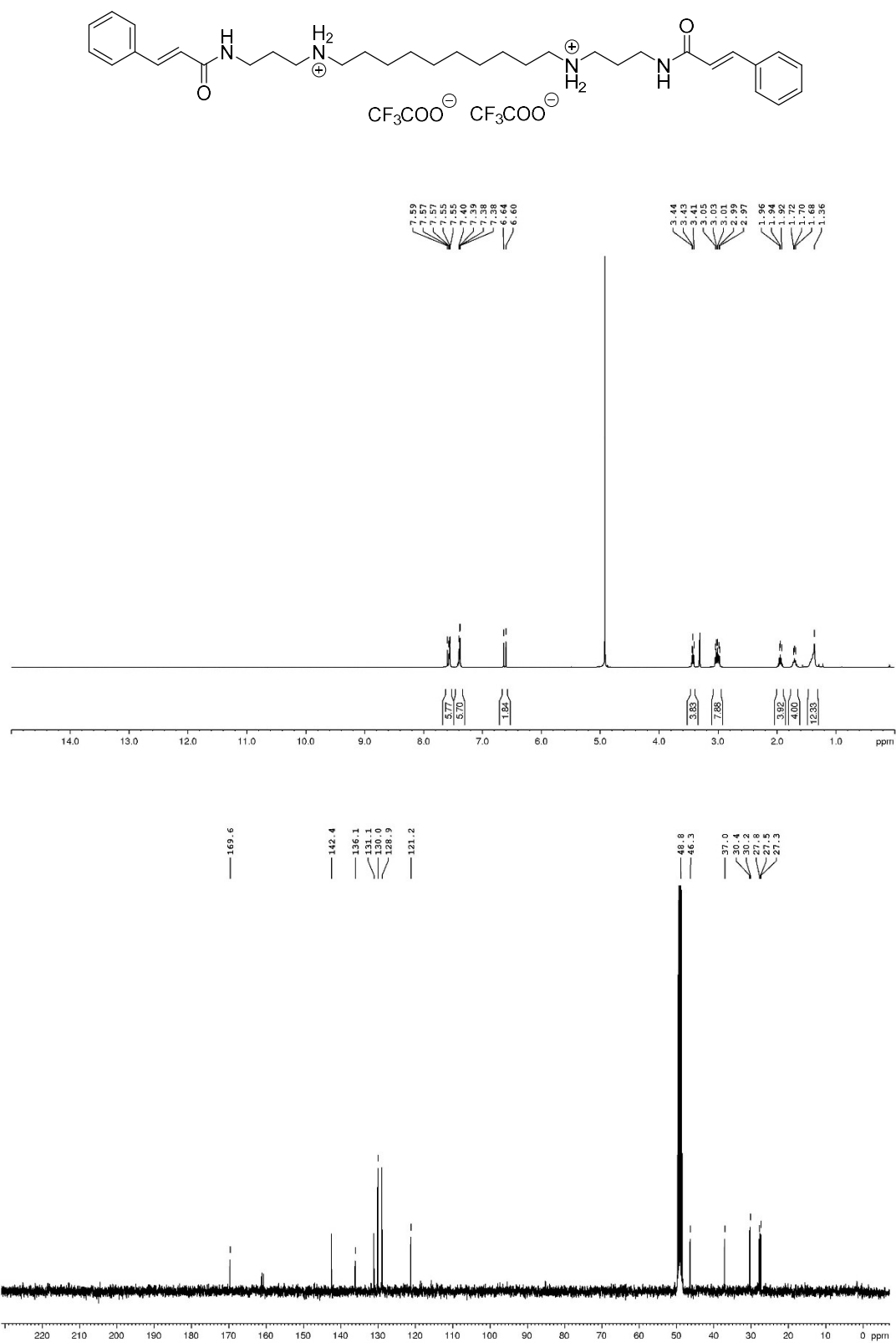
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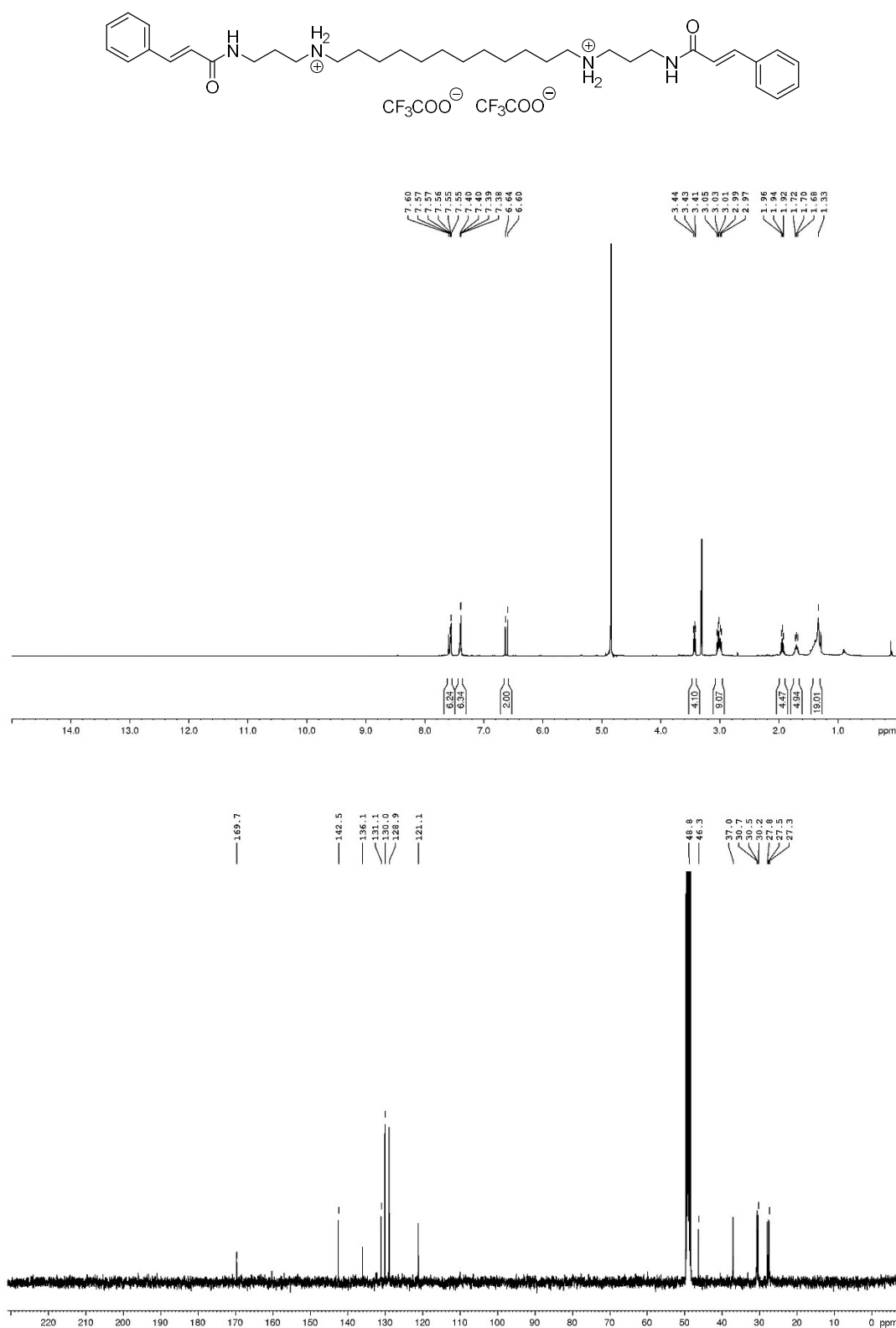
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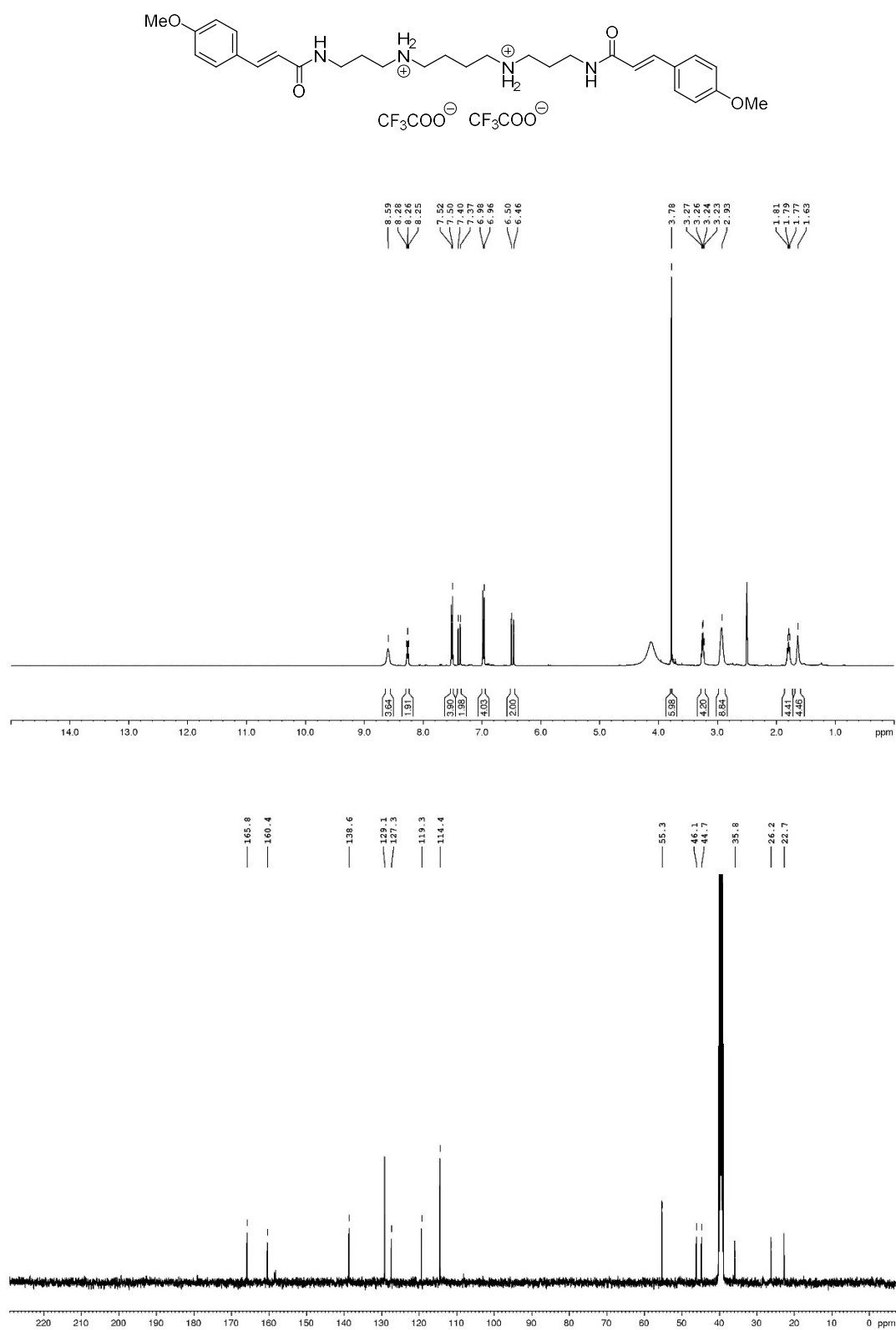


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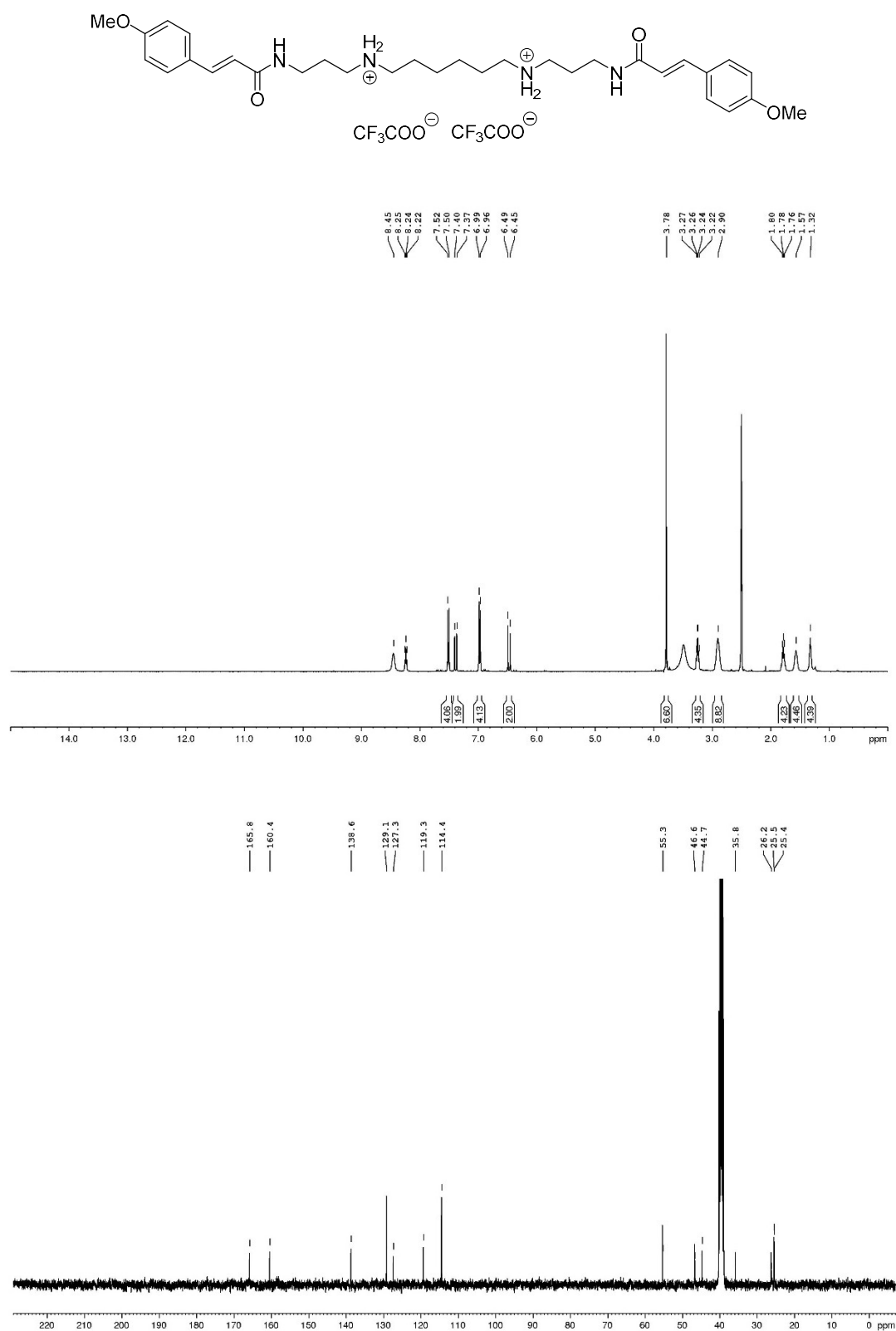


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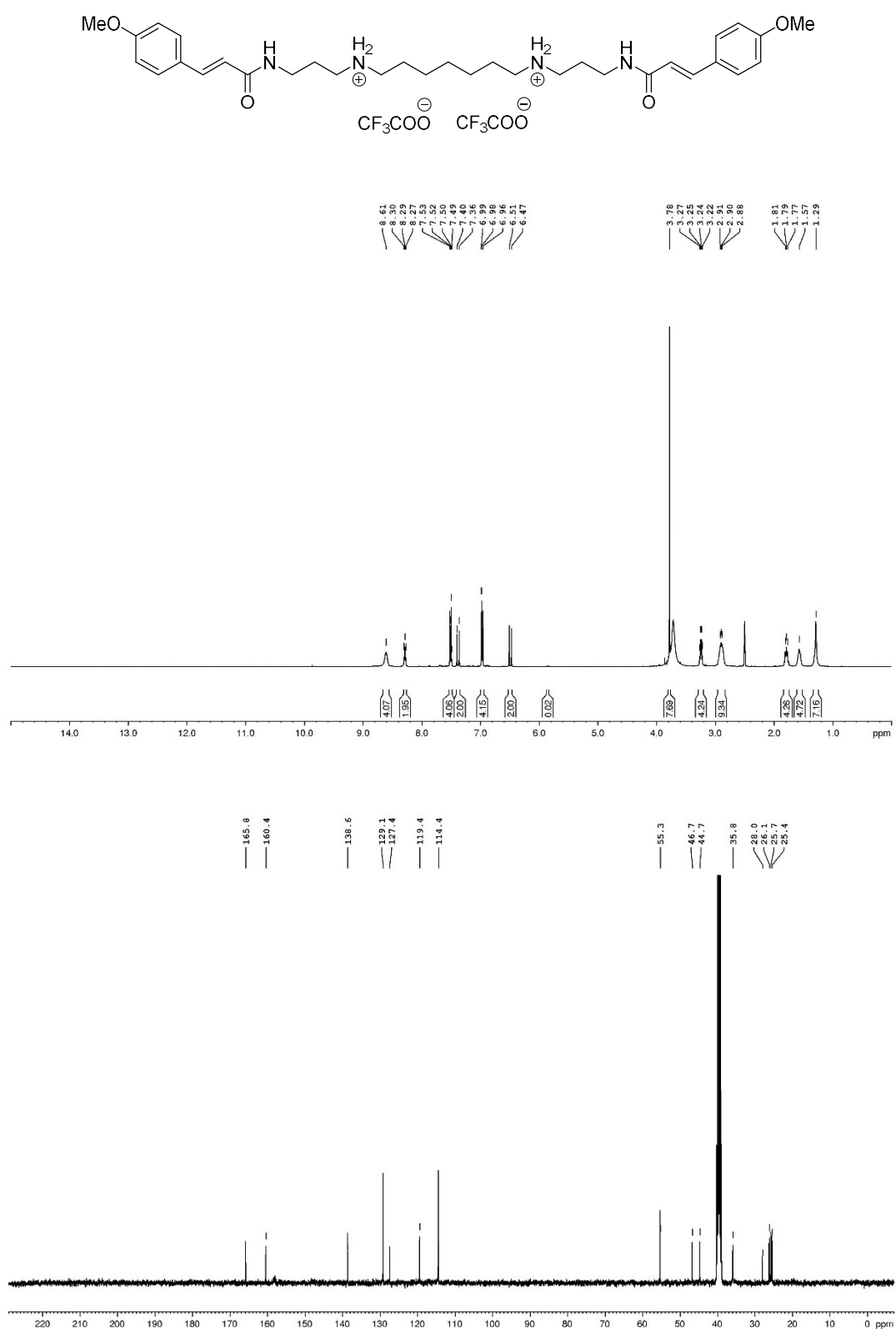




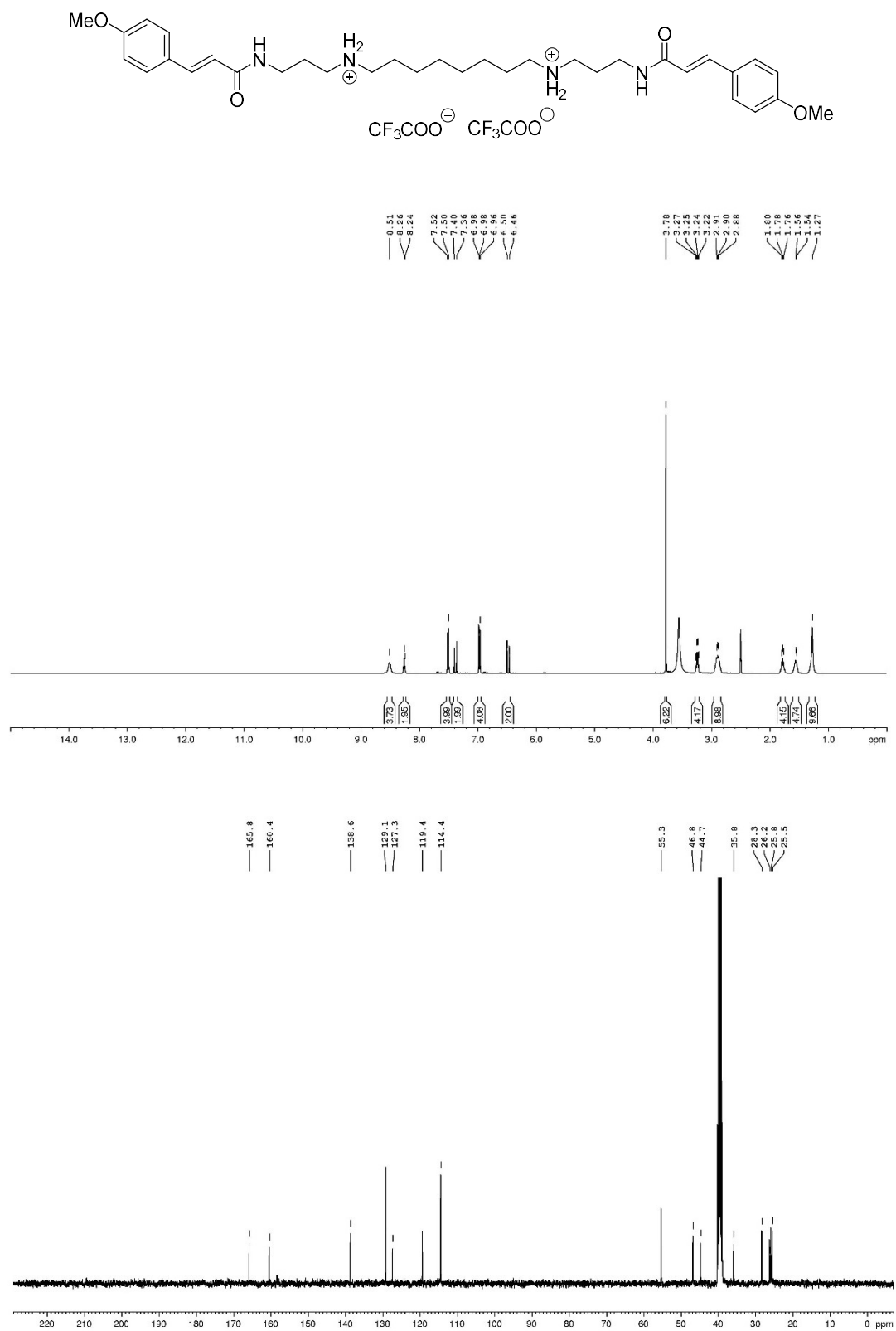
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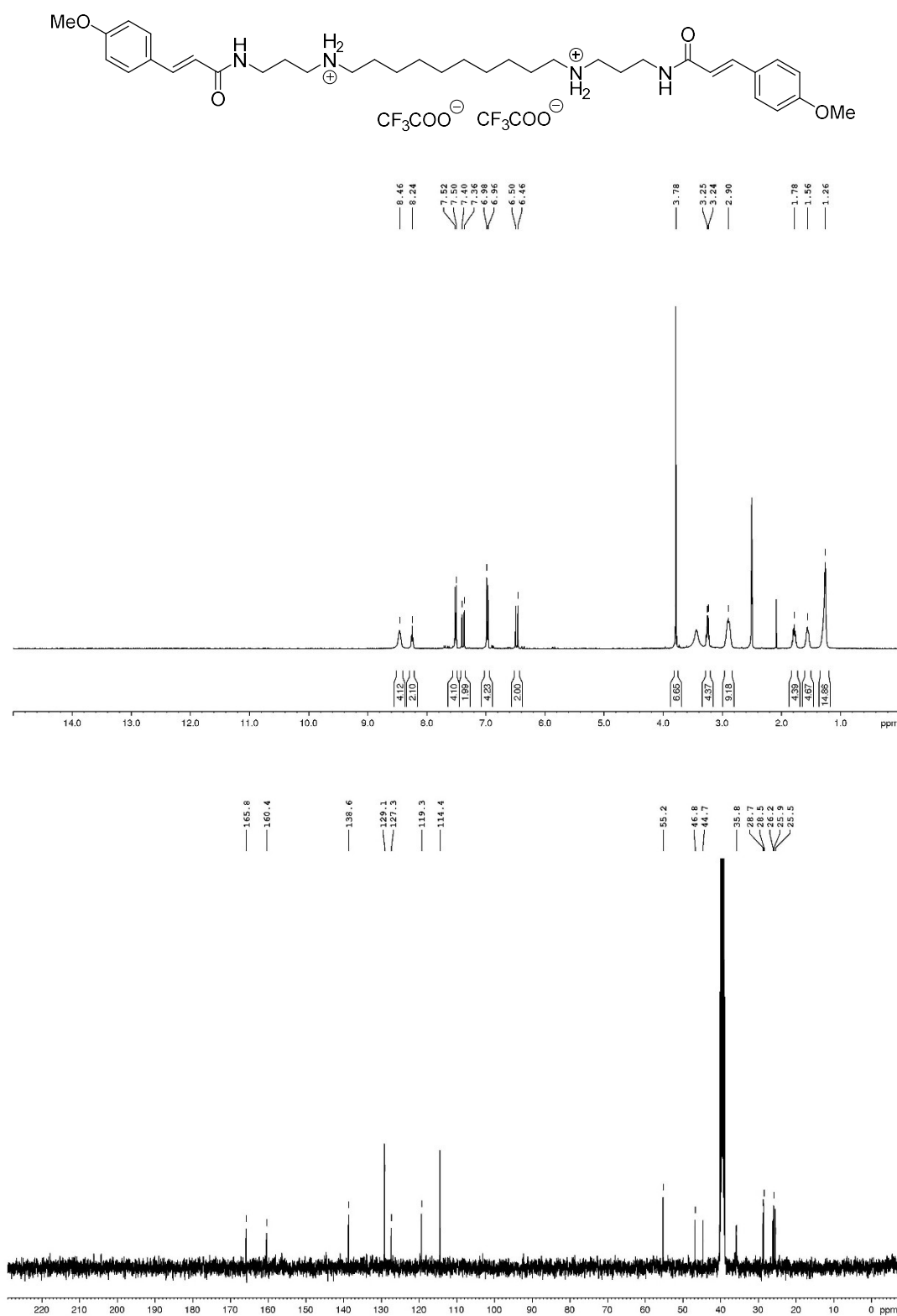
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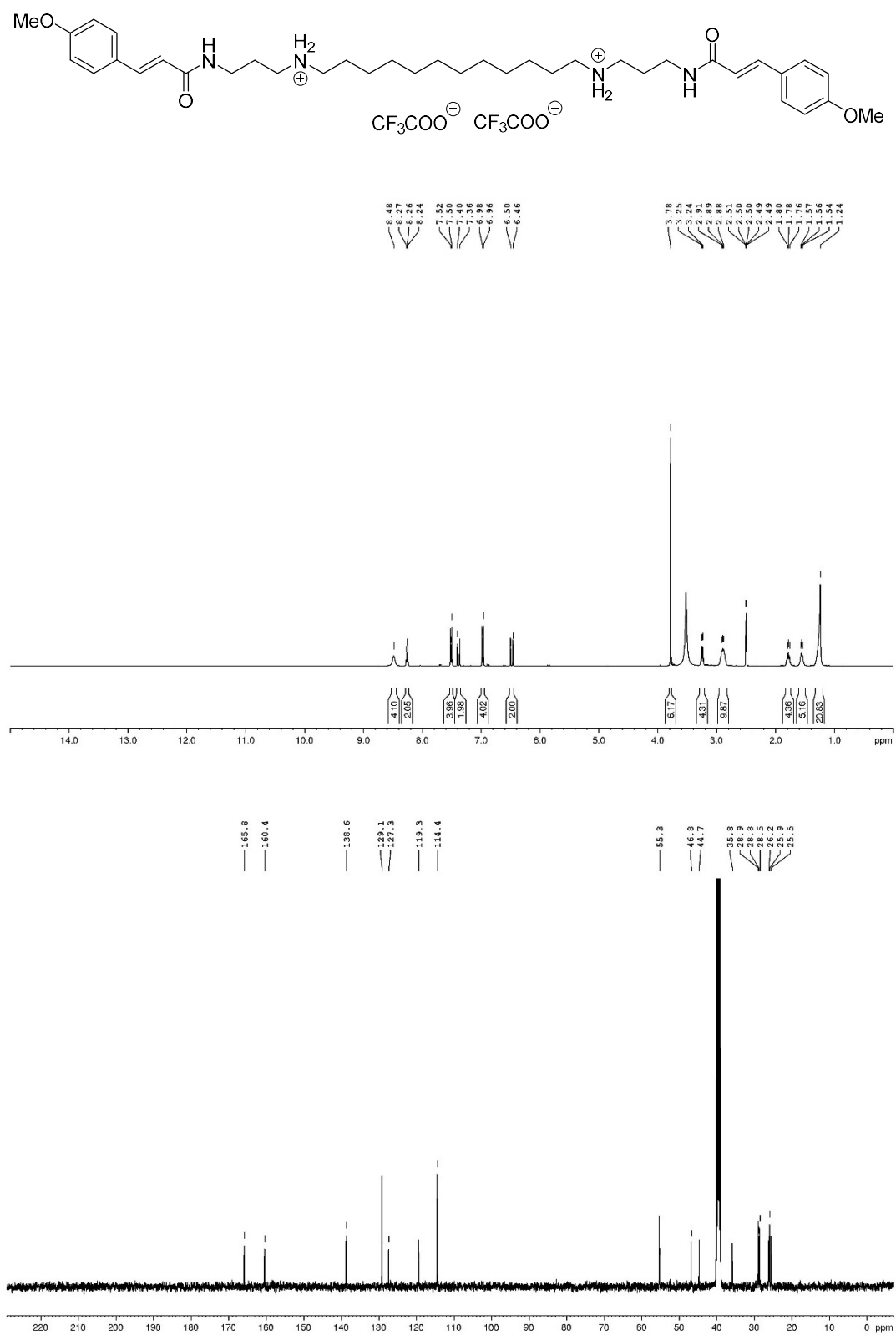
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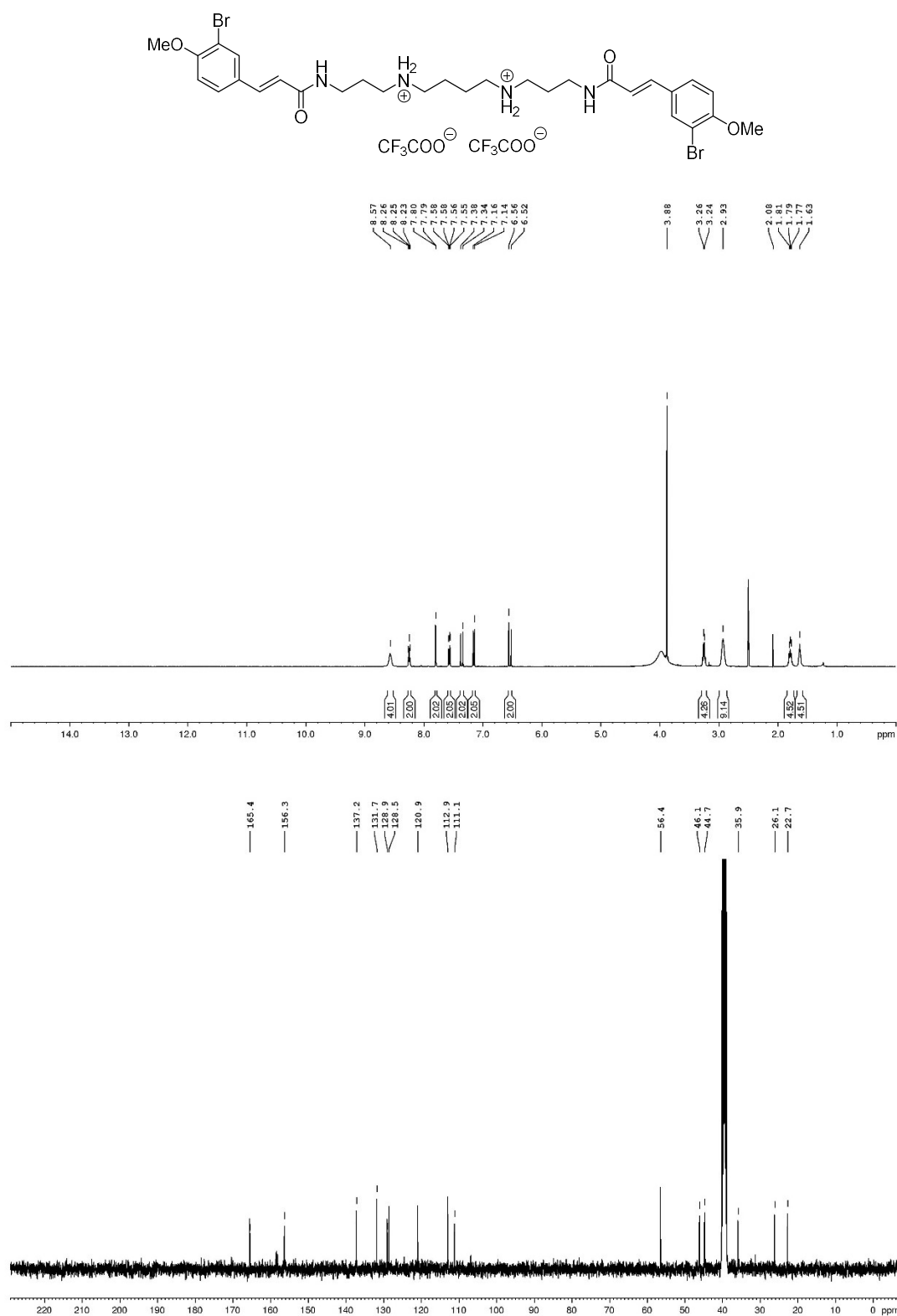
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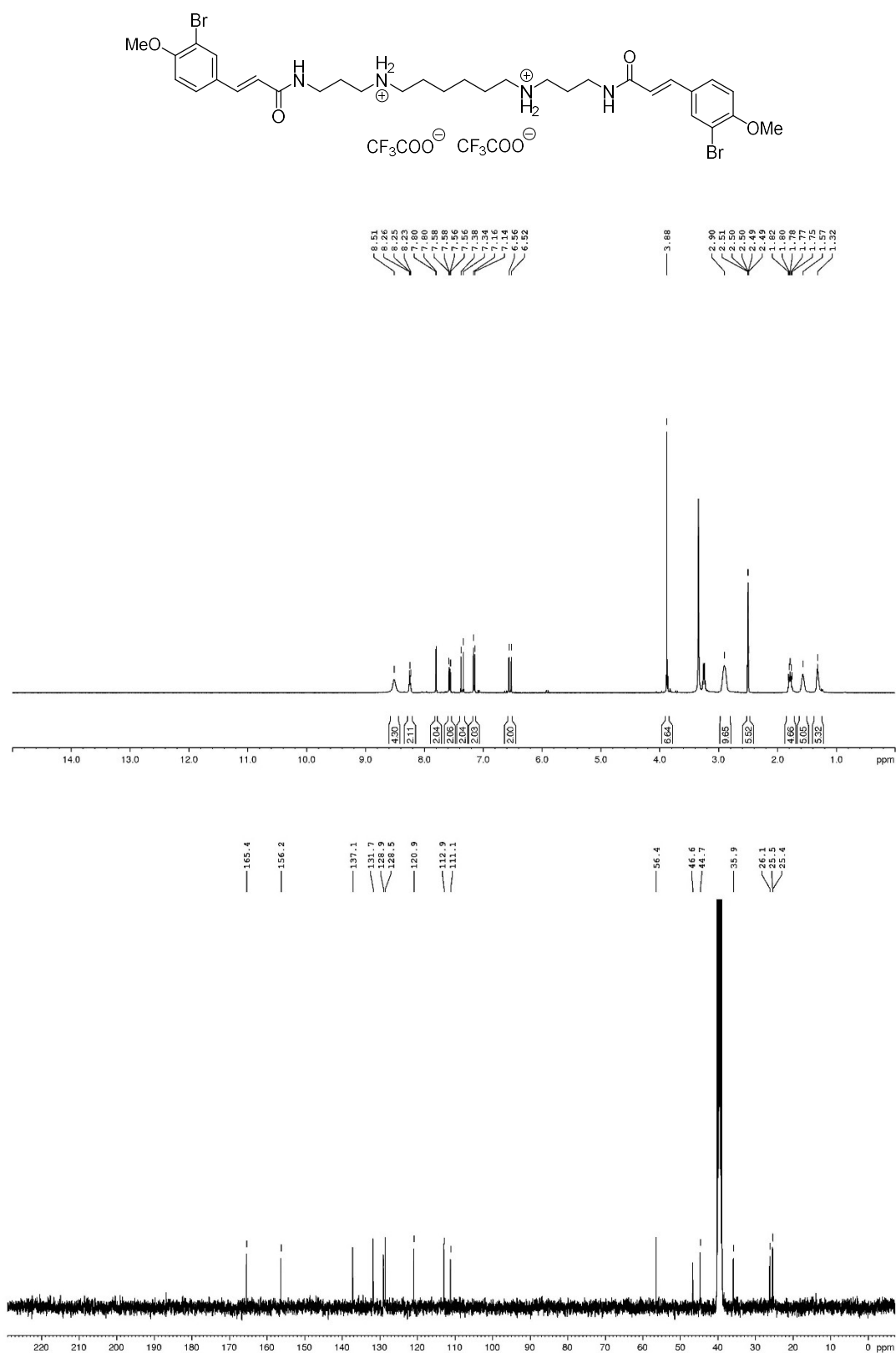
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**Figure S12.**  $^1\text{H}$  (DMSO- $d_6$ , 400 MHz) and  $^{13}\text{C}$  (DMSO- $d_6$ , 100 MHz) NMR spectra for **14f**.

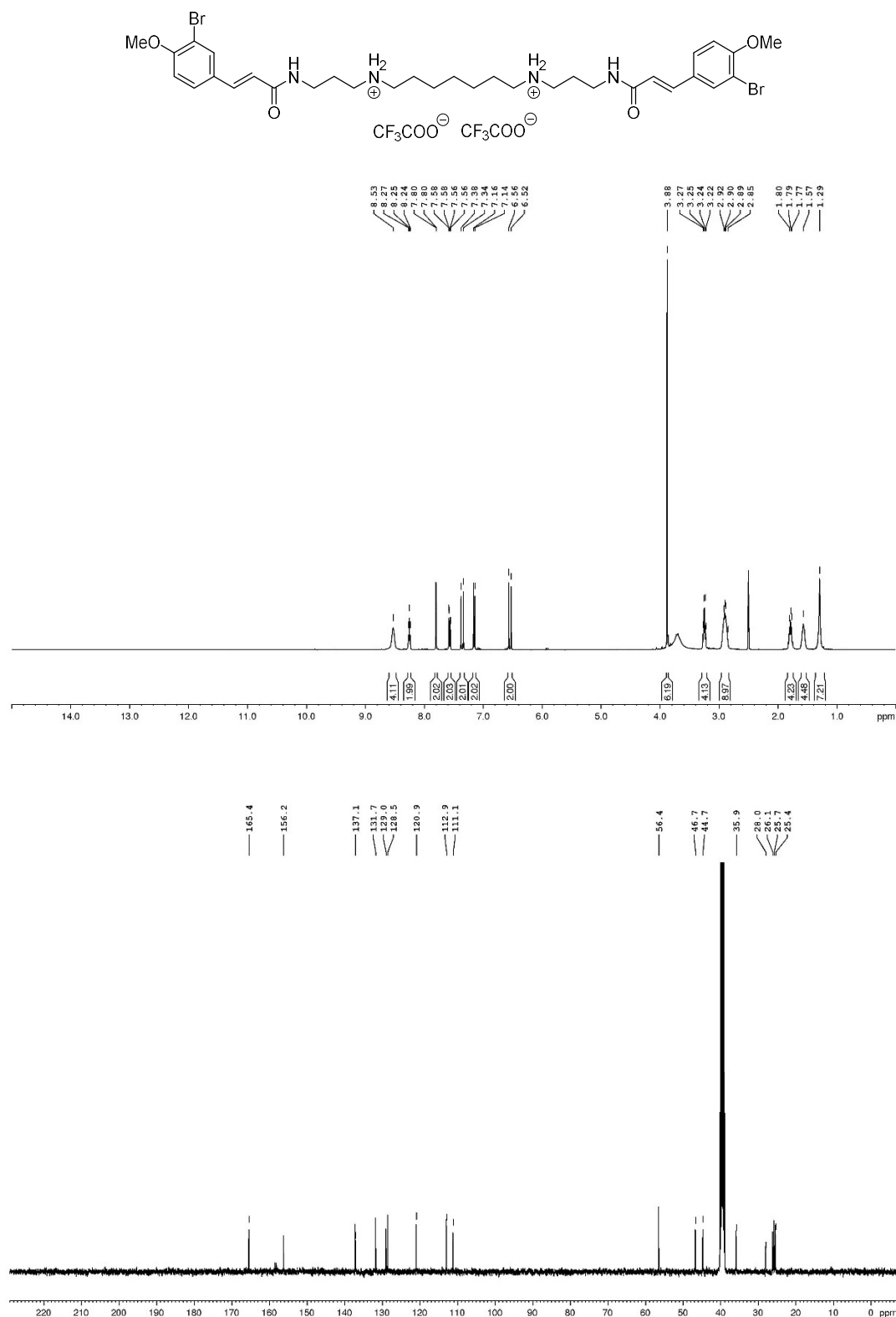


**Figure S13.**  $^1\text{H}$  (DMSO- $d_6$ , 400 MHz) and  $^{13}\text{C}$  (DMSO- $d_6$ , 100 MHz) NMR spectra for **15a**.



**Figure S14.**  $^1\text{H}$  (DMSO- $d_6$ , 400 MHz) and  $^{13}\text{C}$  (DMSO- $d_6$ , 100 MHz) NMR spectra for **15b**.





**Figure S15.**  $^1\text{H}$  ( $\text{DMSO-}d_6$ , 400 MHz) and  $^{13}\text{C}$  ( $\text{DMSO-}d_6$ , 100 MHz) NMR spectra for **15c**.

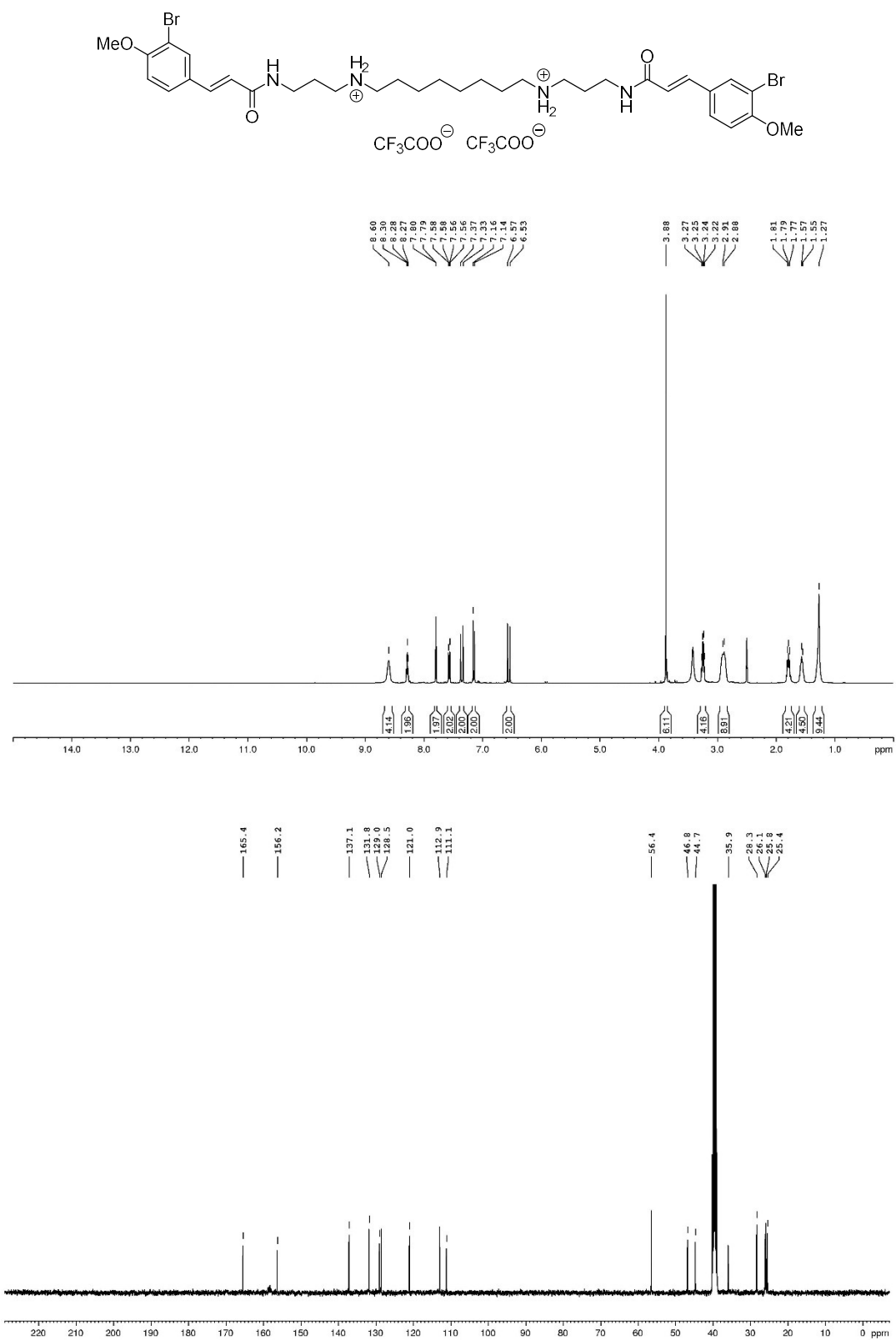


Figure S16.  $^1\text{H}$  (DMSO- $d_6$ , 400 MHz) and  $^{13}\text{C}$  (DMSO- $d_6$ , 100 MHz) NMR spectra for **15d**.

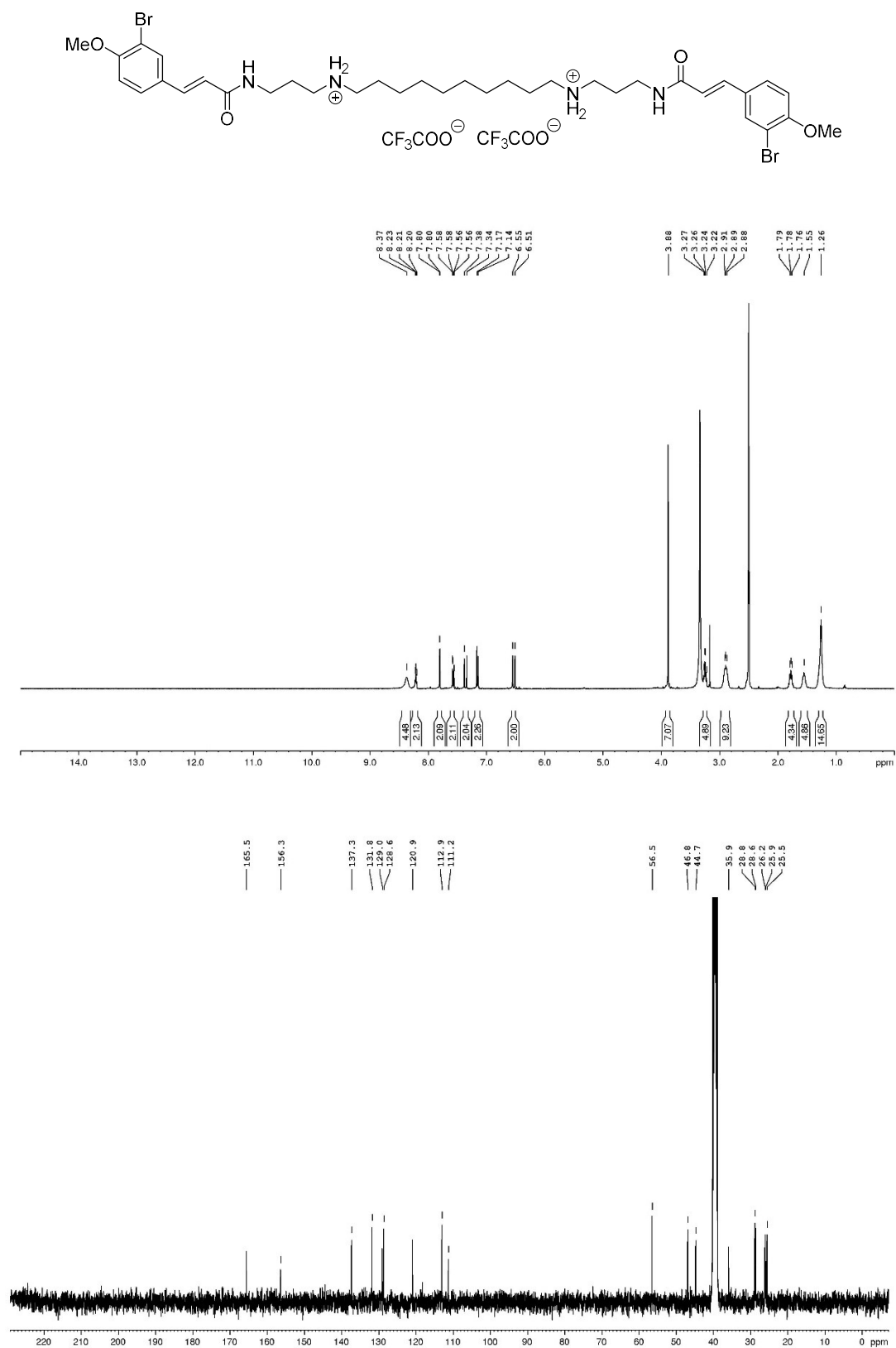
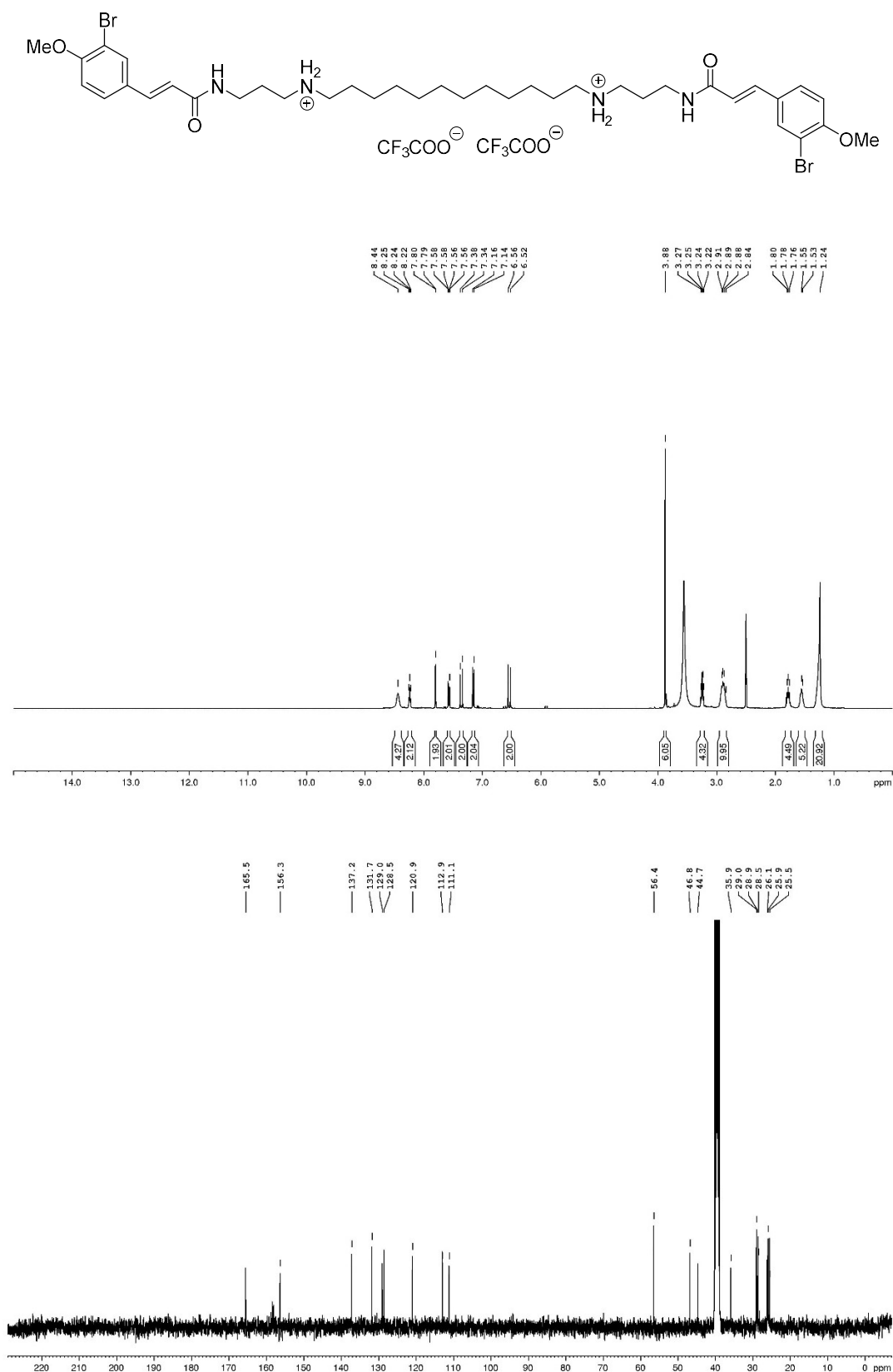
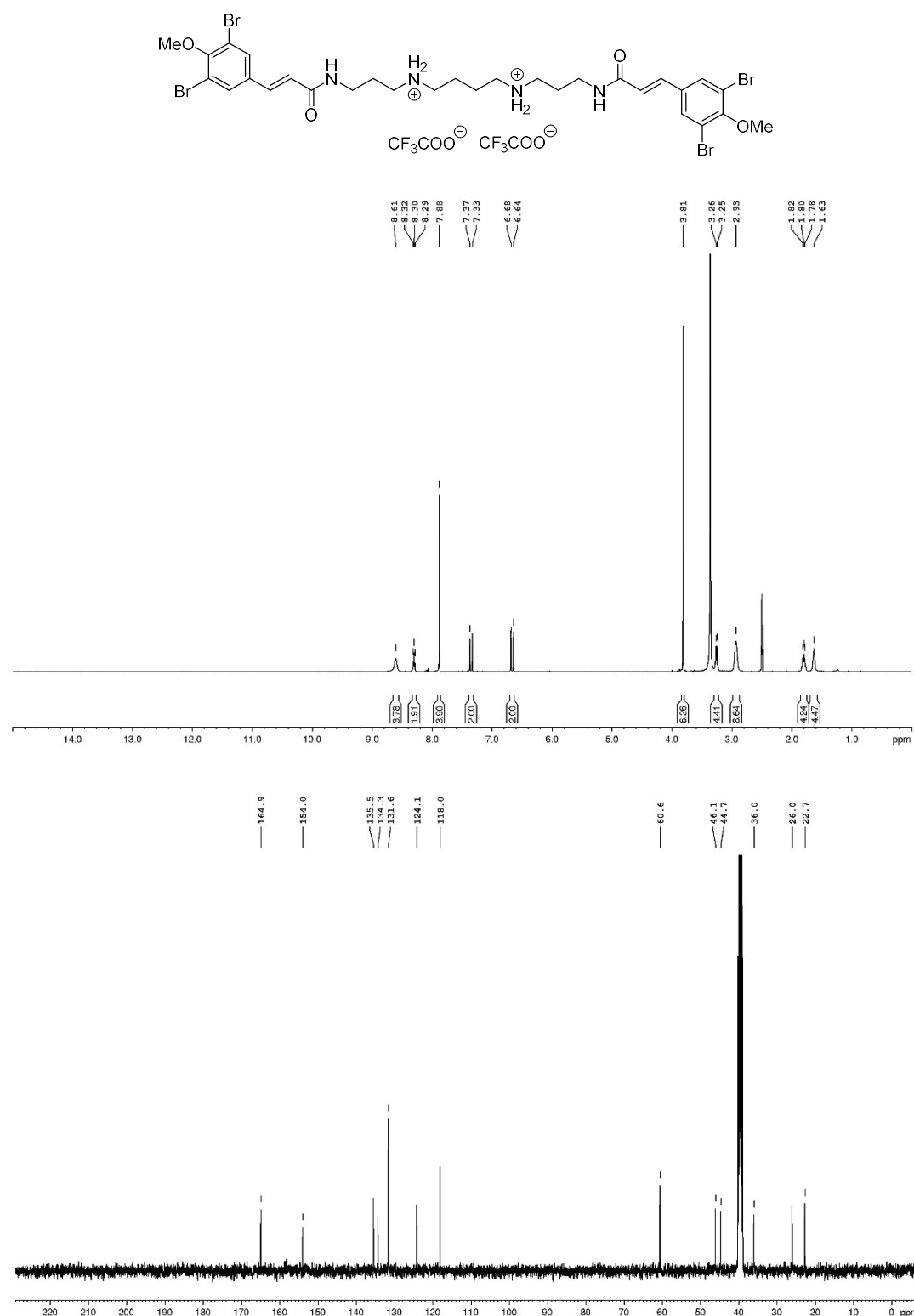


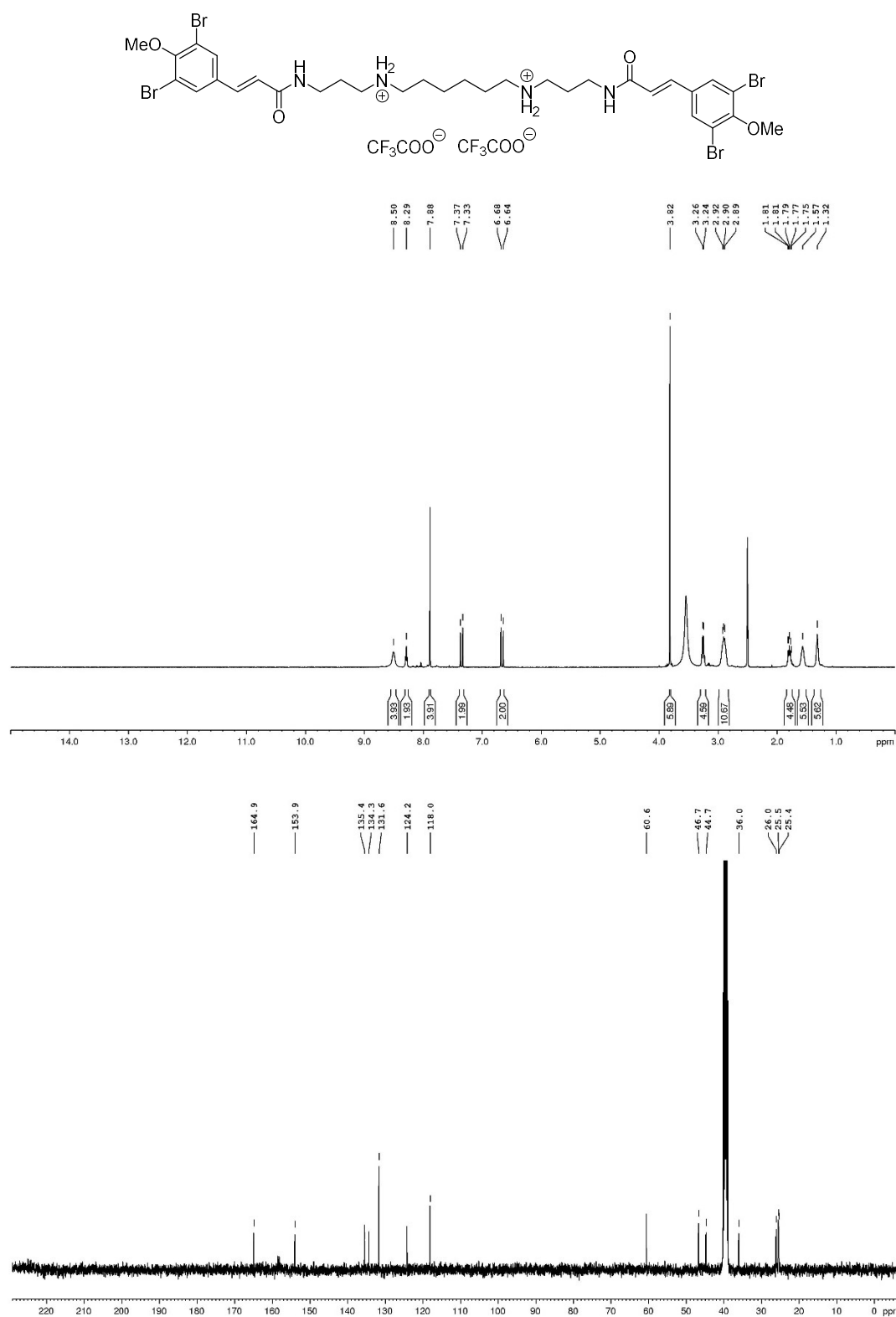
Figure S17.  $^1\text{H}$  (DMSO- $d_6$ , 400 MHz) and  $^{13}\text{C}$  (DMSO- $d_6$ , 100 MHz) NMR spectra for **15e**.



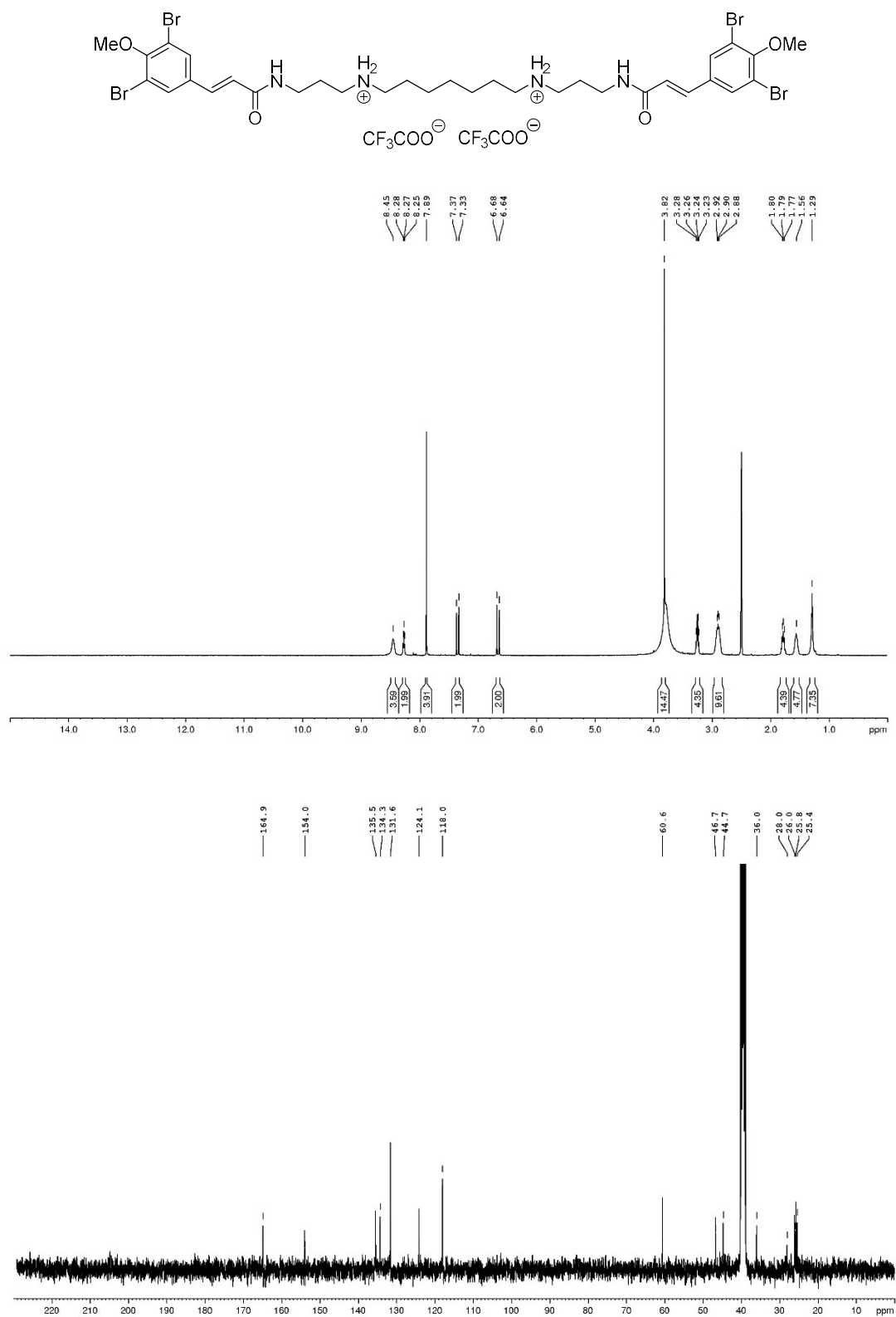
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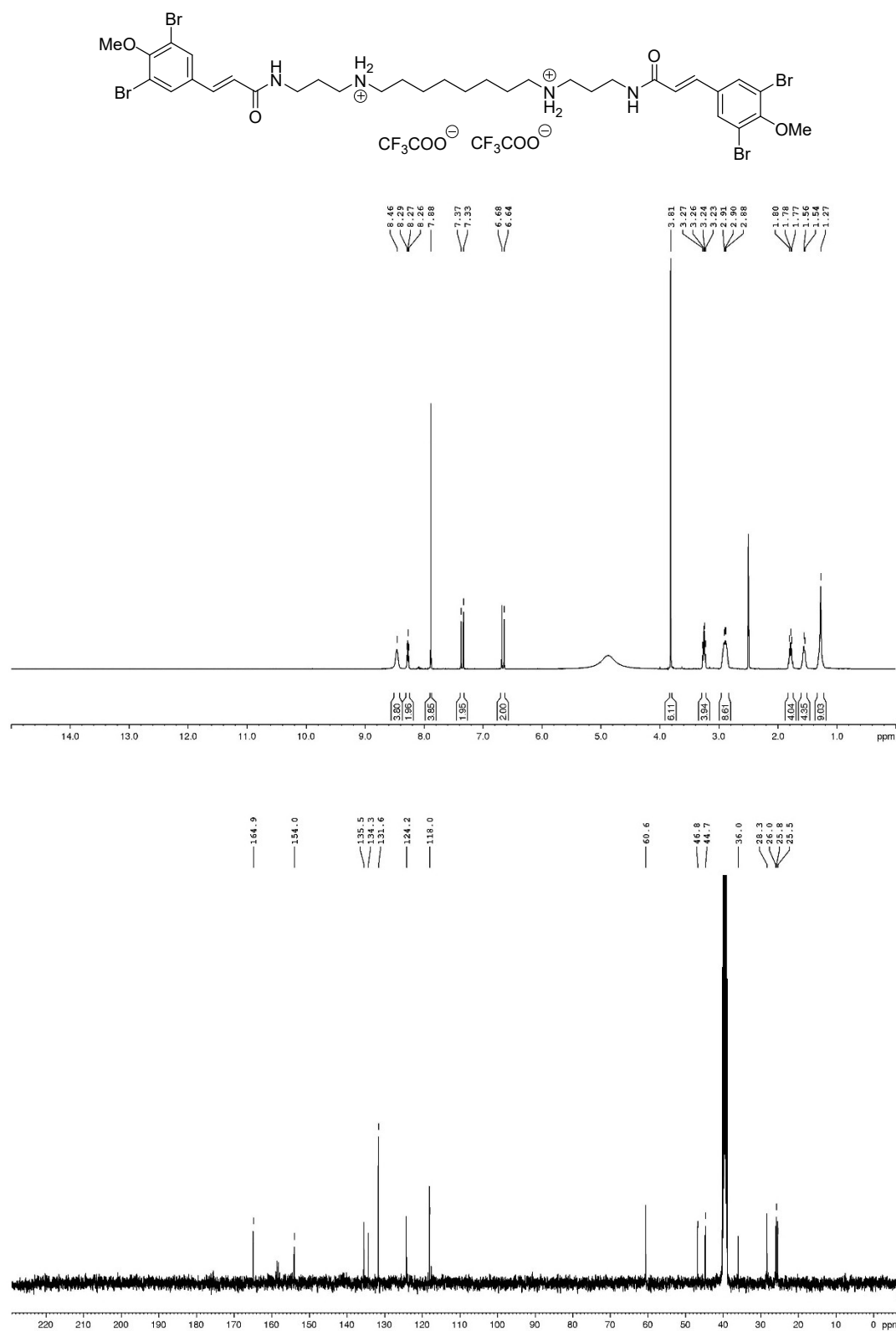
**Figure S19.**  $^1\text{H}$  (DMSO- $d_6$ , 400 MHz) and  $^{13}\text{C}$  (DMSO- $d_6$ , 100 MHz) NMR spectra for **16a**.



**Figure S20.**  $^1\text{H}$  ( $\text{DMSO}-d_6$ , 400 MHz) and  $^{13}\text{C}$  ( $\text{DMSO}-d_6$ , 100 MHz) NMR spectra for **16b**.

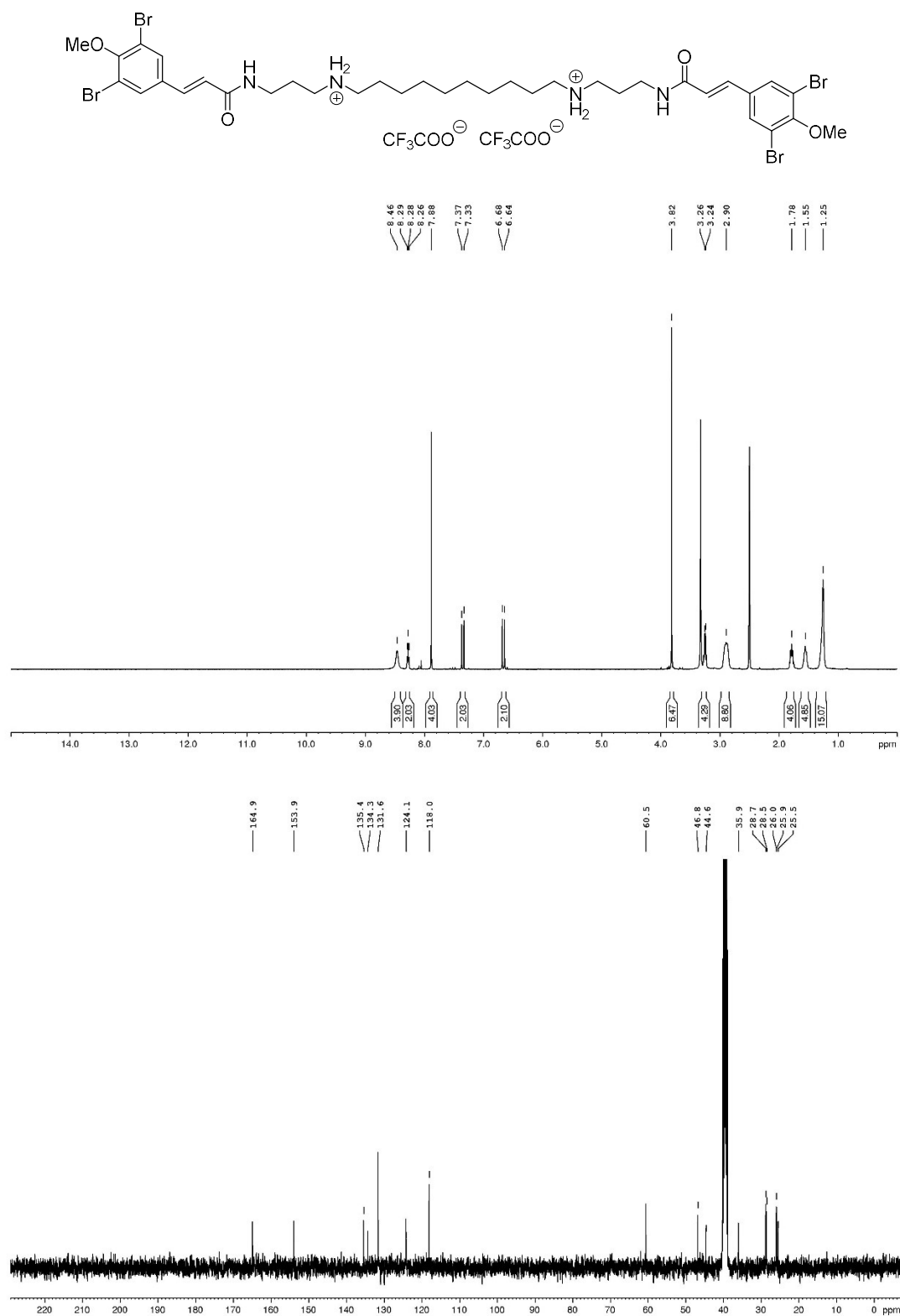


**Figure S21.** <sup>1</sup>H (DMSO-*d*<sub>6</sub>, 400 MHz) and <sup>13</sup>C (DMSO-*d*<sub>6</sub>, 100 MHz) NMR spectra for **16c**.

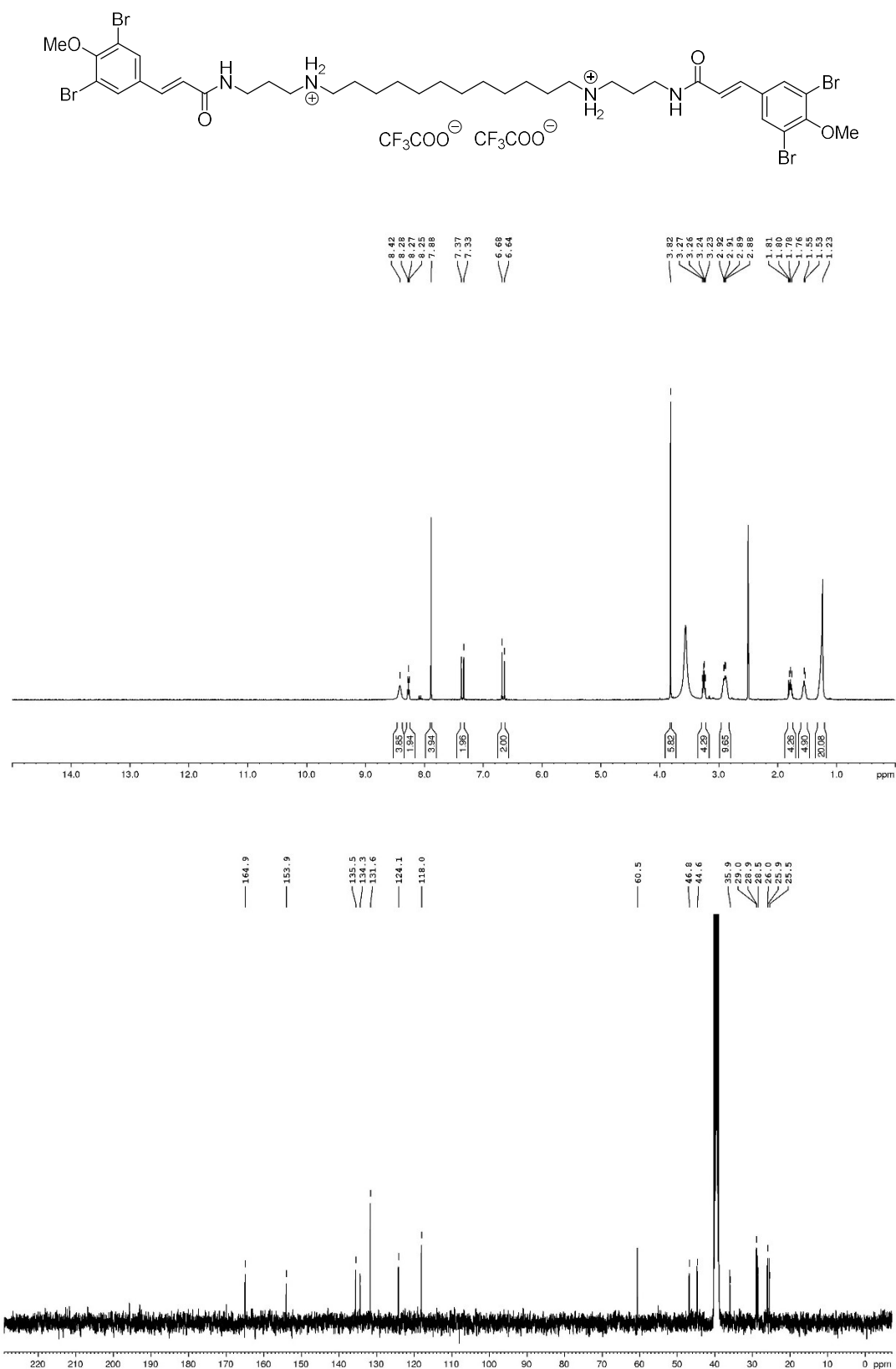


**Figure S22.**  $^1\text{H}$  (DMSO- $d_6$ , 400 MHz) and  $^{13}\text{C}$  (DMSO- $d_6$ , 100 MHz) NMR spectra for **16d**.





**Figure S23.** <sup>1</sup>H (DMSO-*d*<sub>6</sub>, 400 MHz) and <sup>13</sup>C (DMSO-*d*<sub>6</sub>, 100 MHz) NMR spectra for **16e**.



**Figure S24.**  $^1\text{H}$  (DMSO- $d_6$ , 400 MHz) and  $^{13}\text{C}$  (DMSO- $d_6$ , 100 MHz) NMR spectra for **16f**.