

Supporting Information for

**Rearrangement of *N,N*-Di-*tert*-butoxycarbonyl-pyridin-4-amines and
Formation of Polyfunctional Pyridines**

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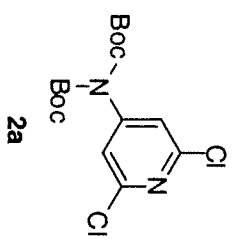
¹H NMR and ¹³C NMR spectra for all of the synthesized compounds and ¹H-¹H COSY, HMBC and ROESY spectra for compounds **2a** and **5a**. All spectra were recorded on a 400 MHz/100 MHz Bruker spectrometer.

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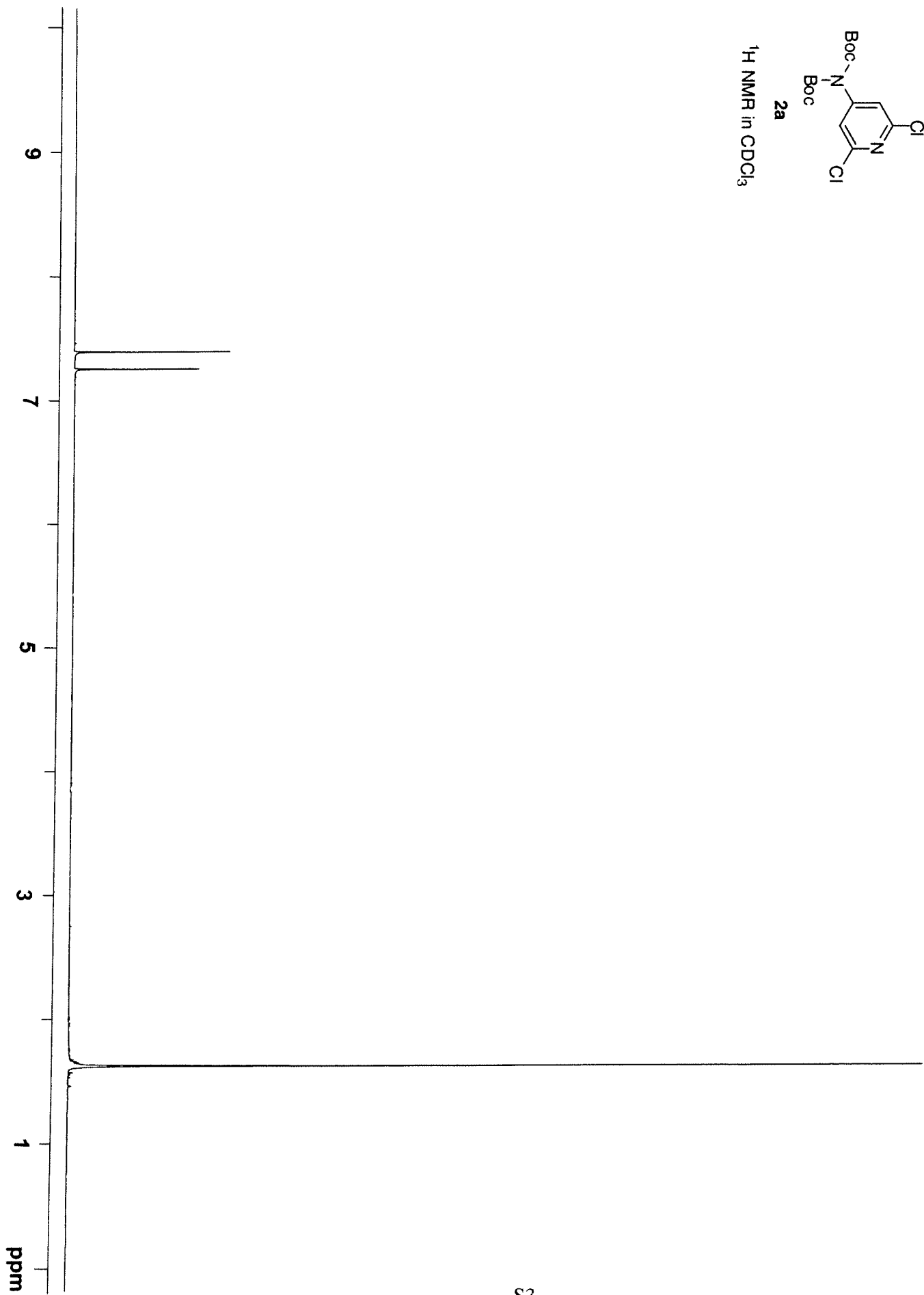
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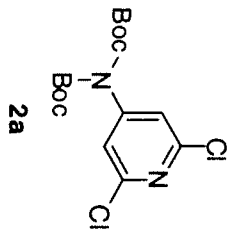
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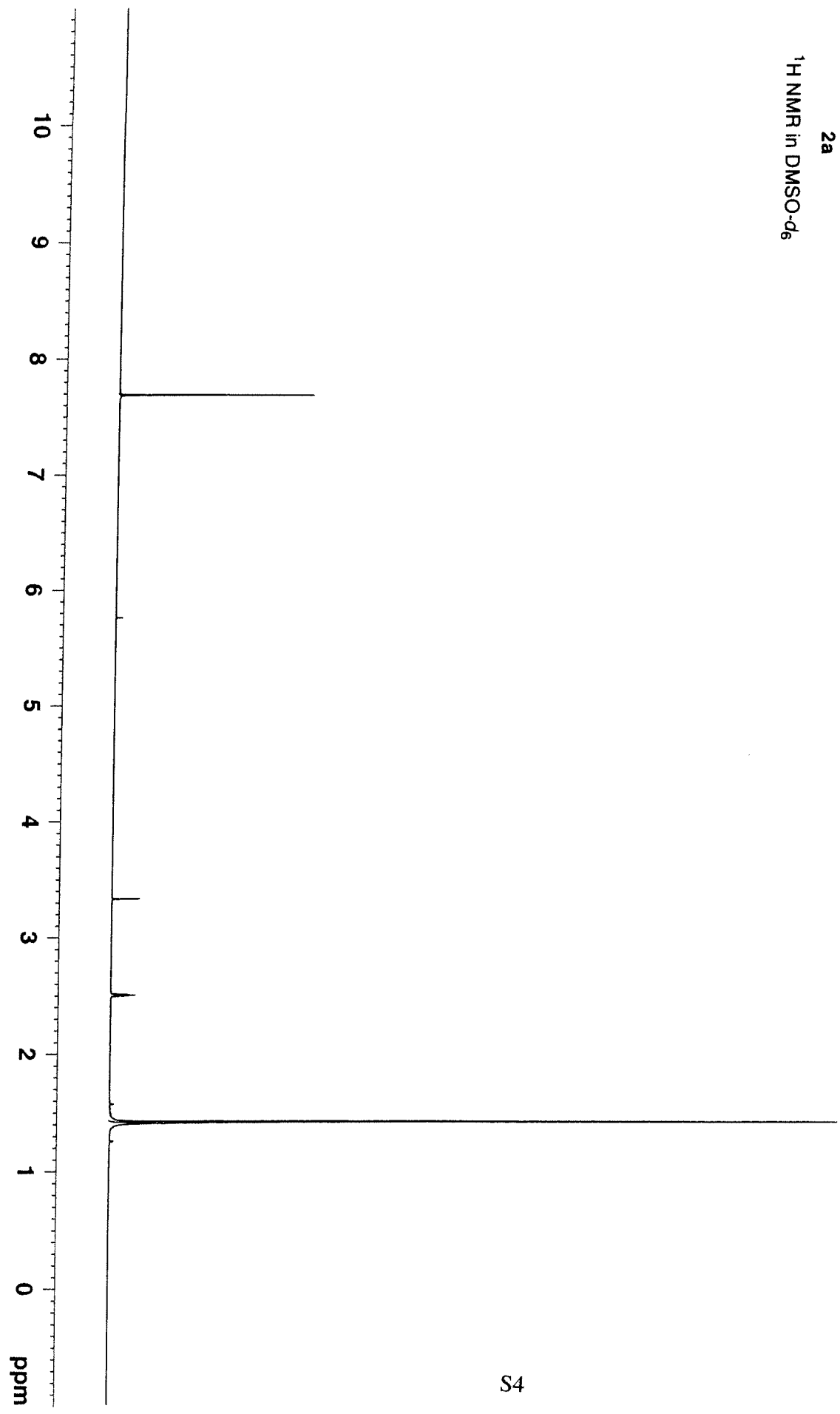


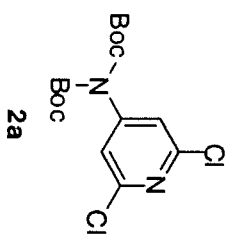
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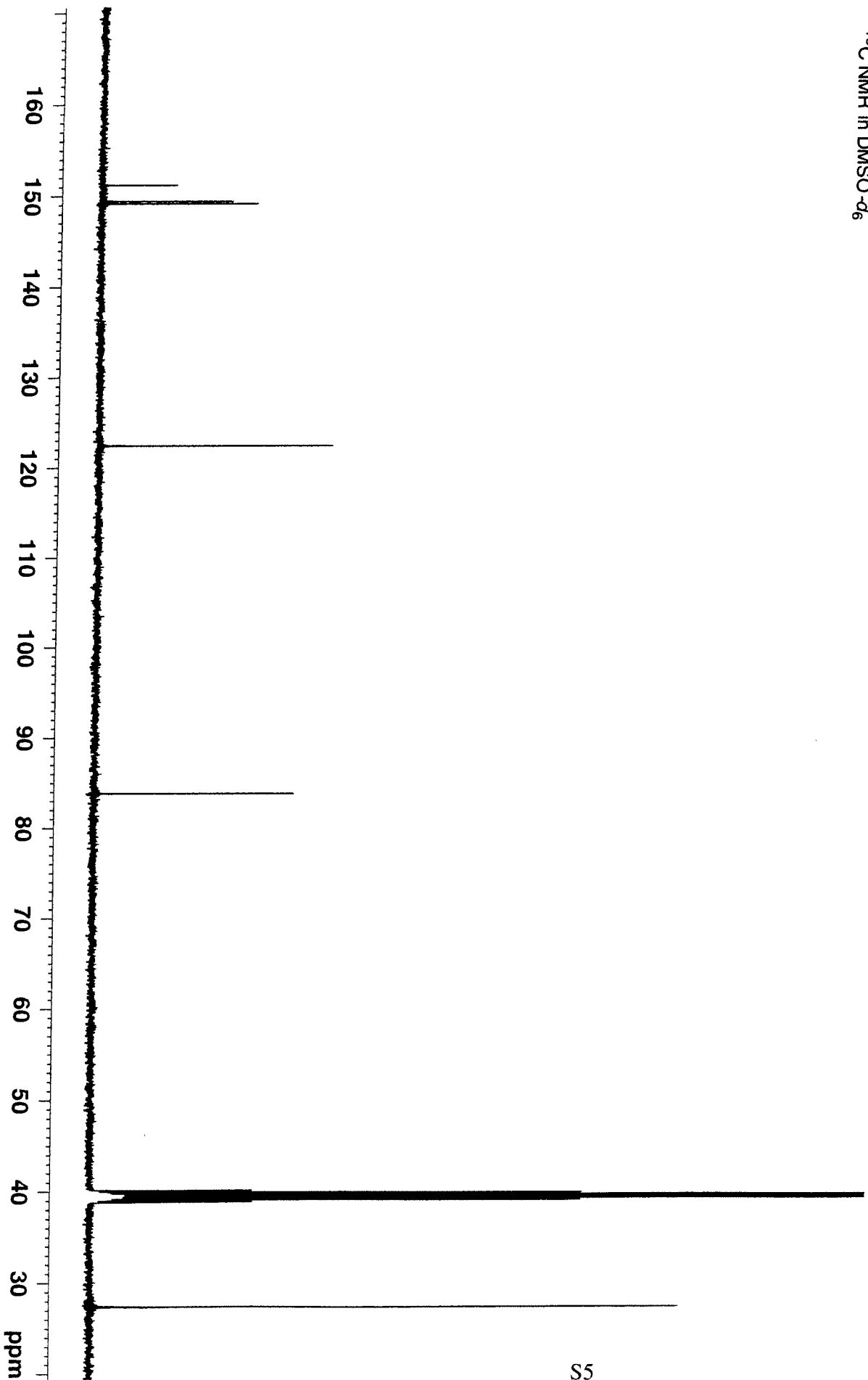


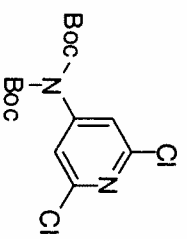
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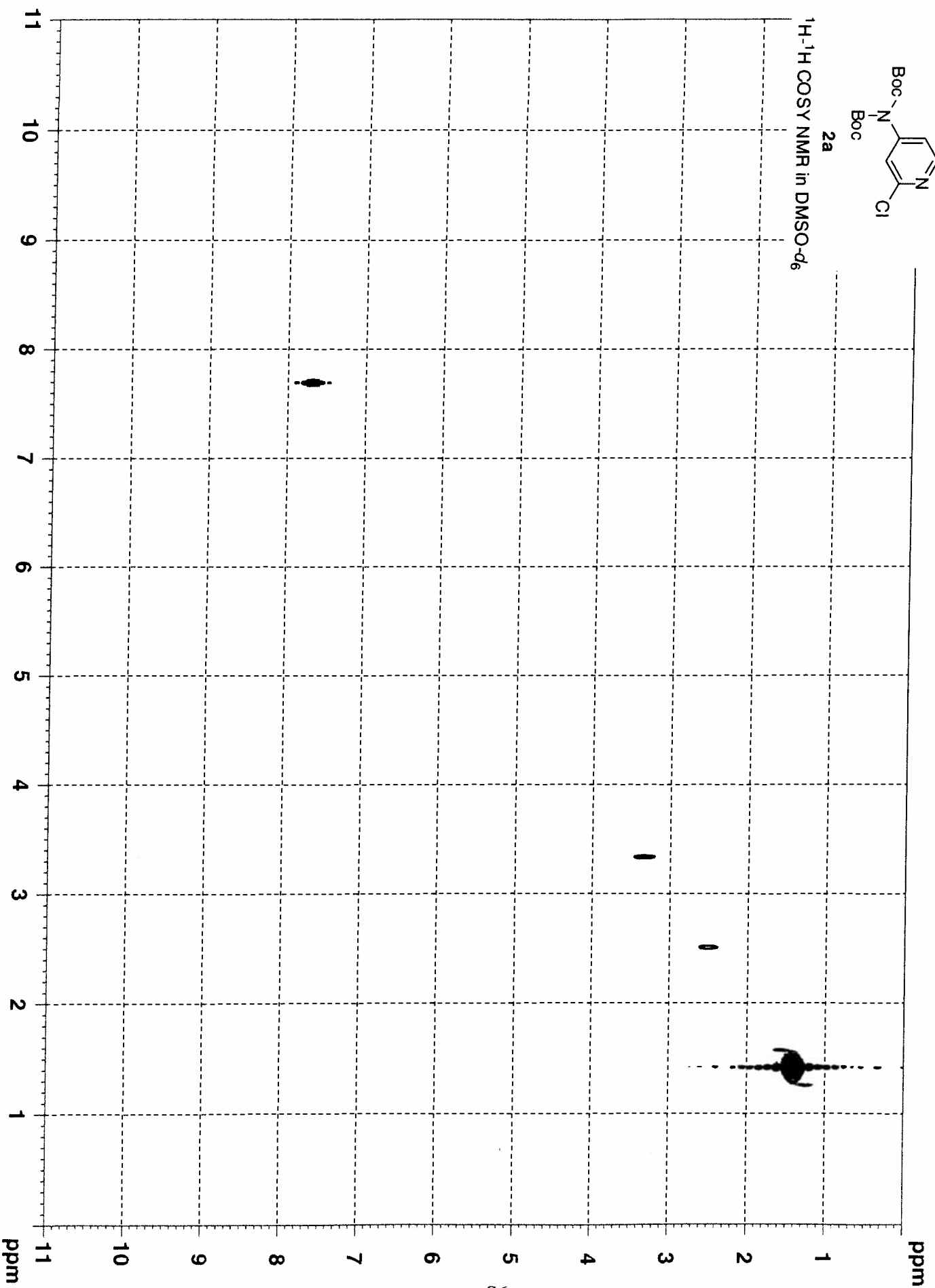


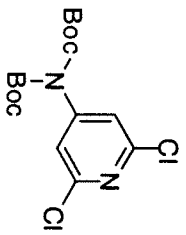
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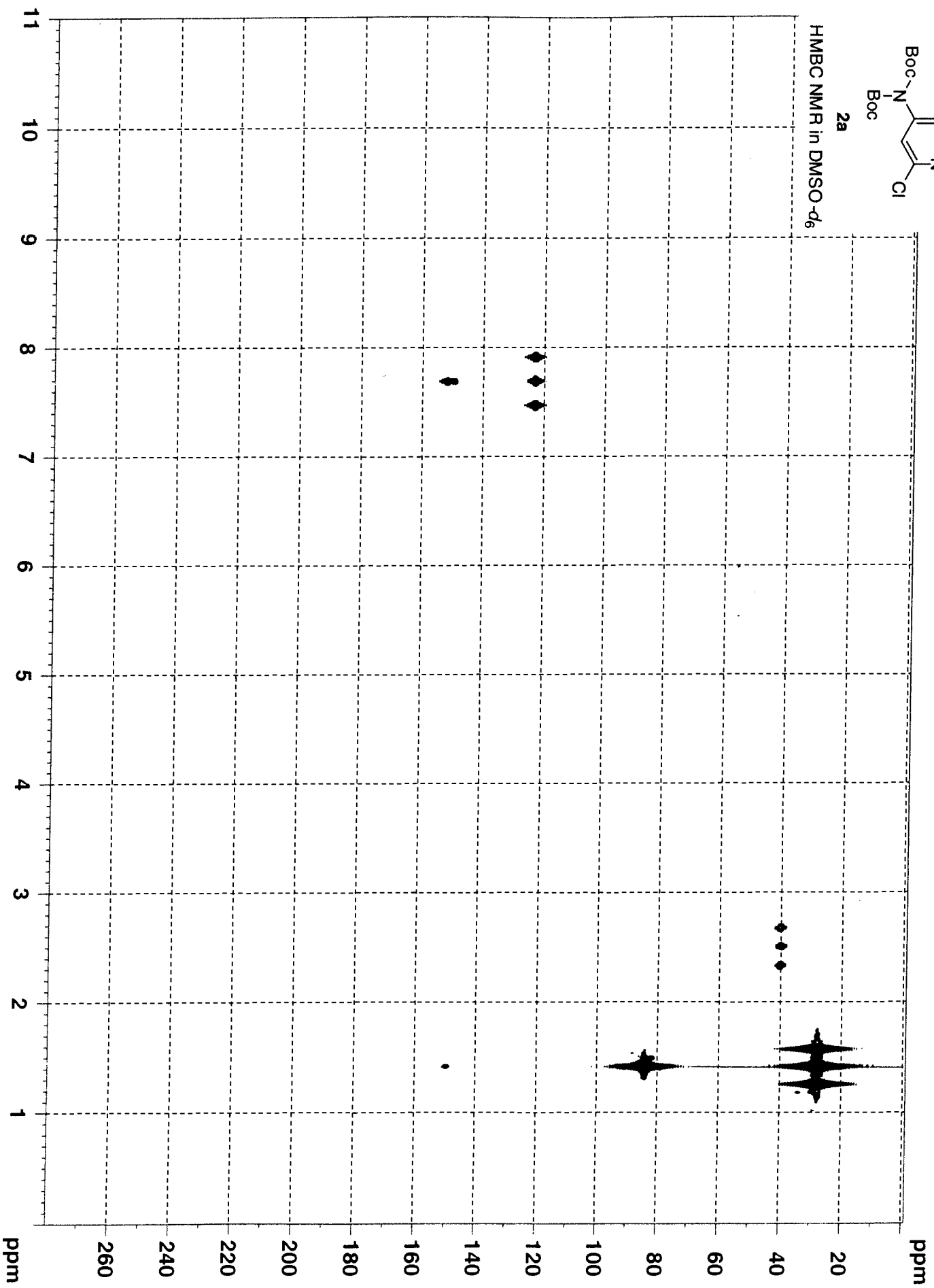


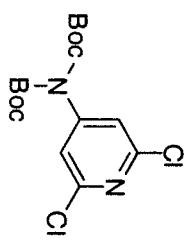
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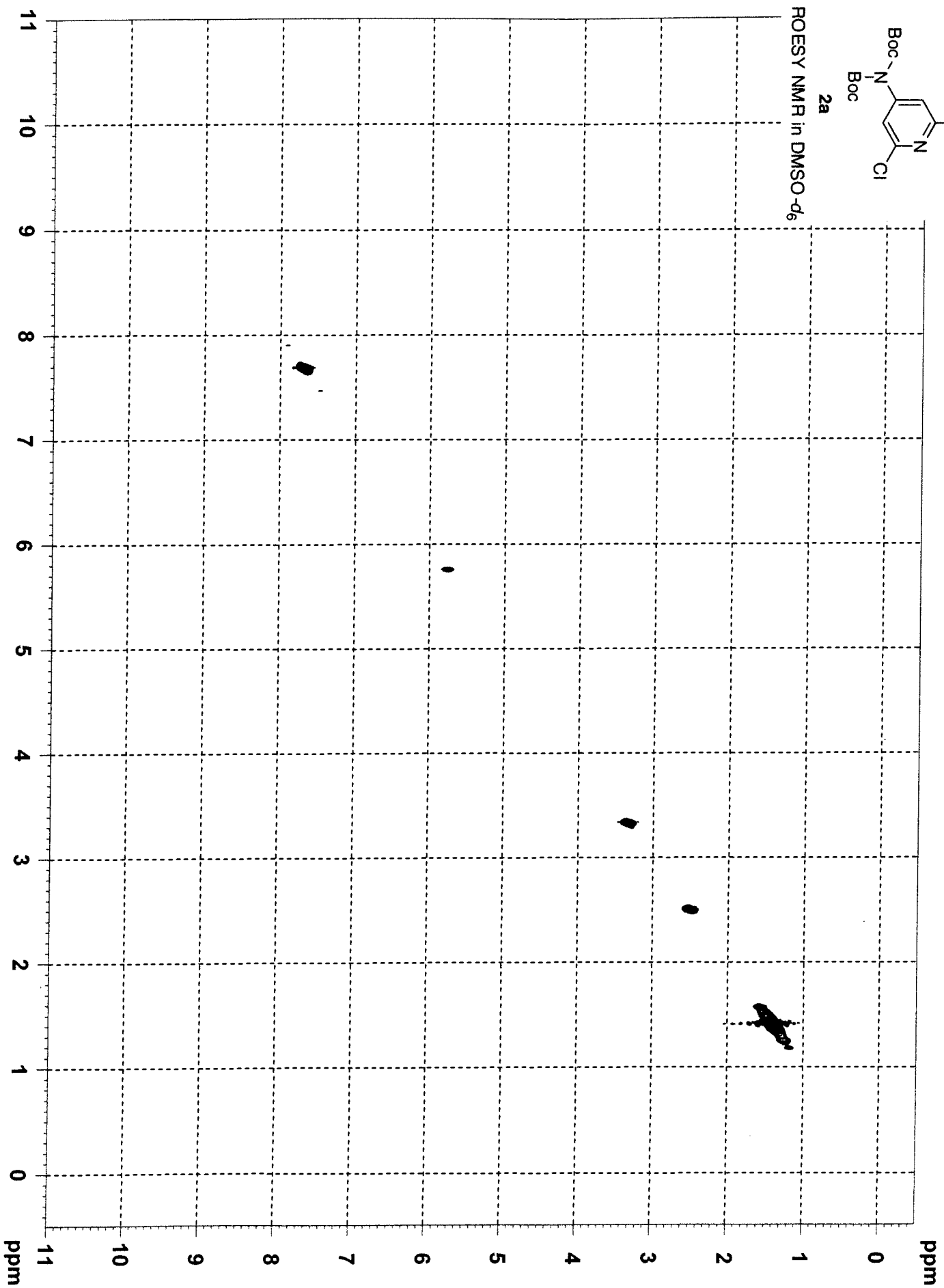


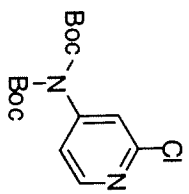
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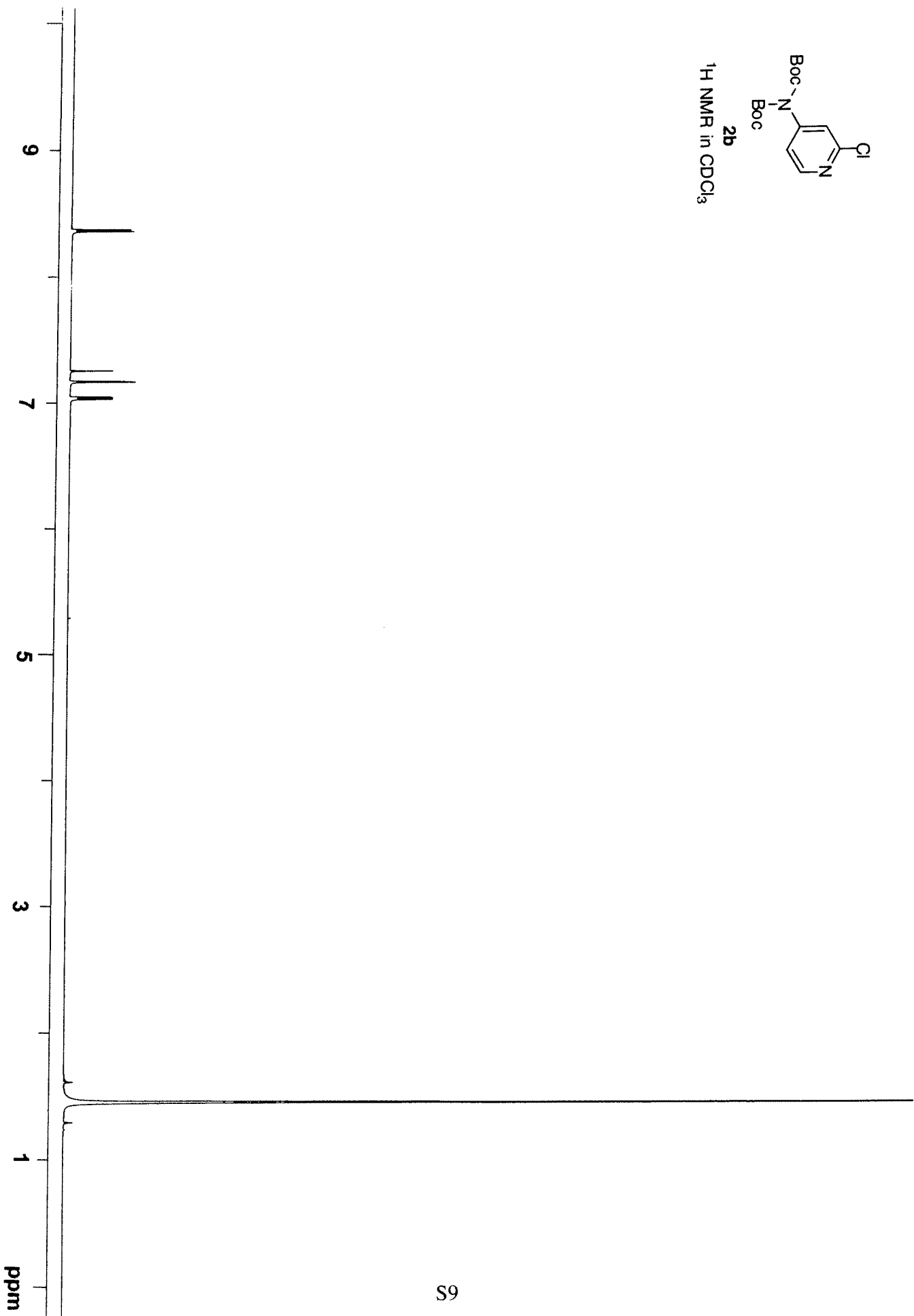


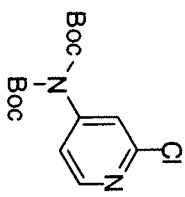
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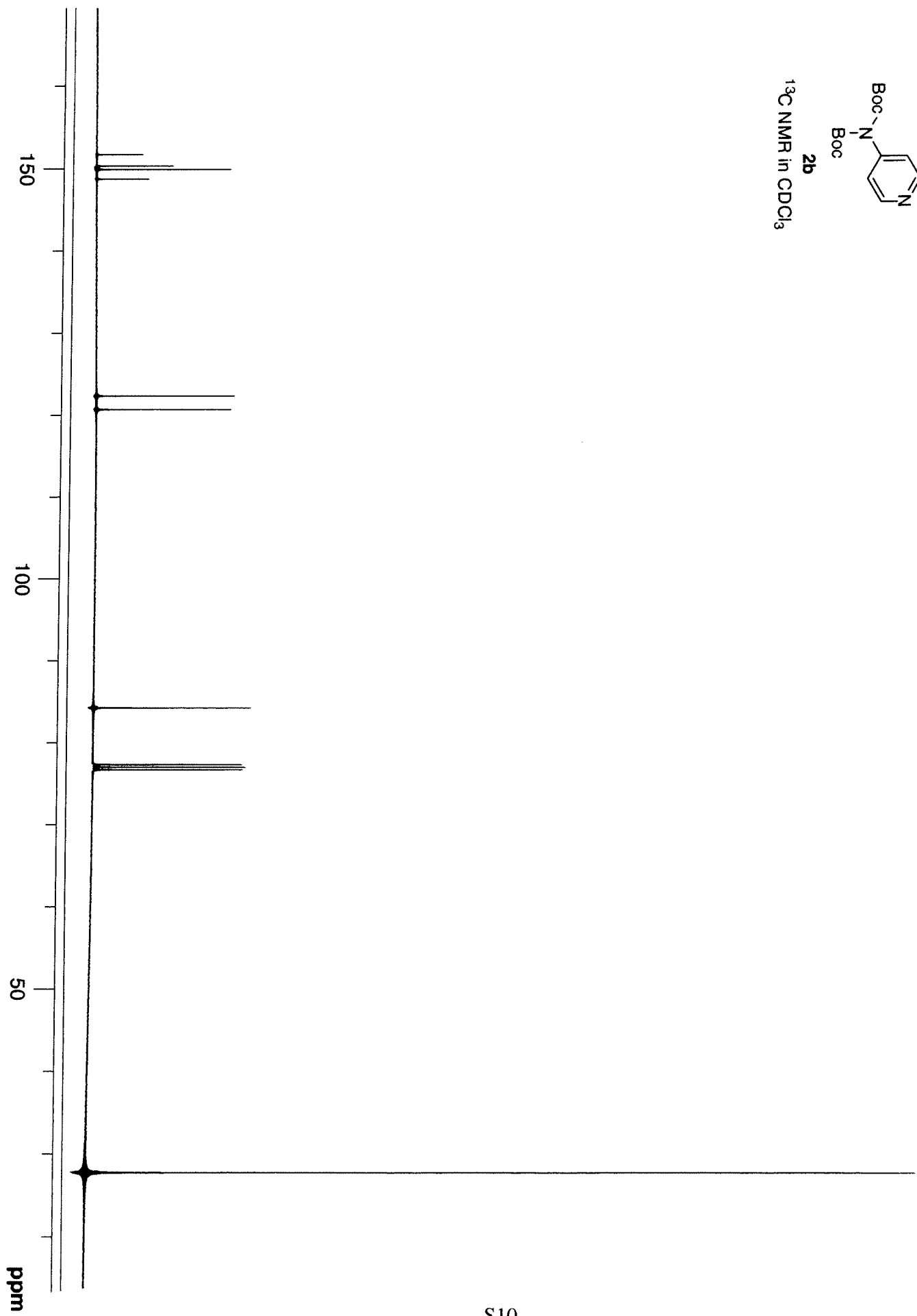


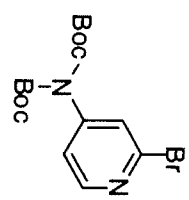
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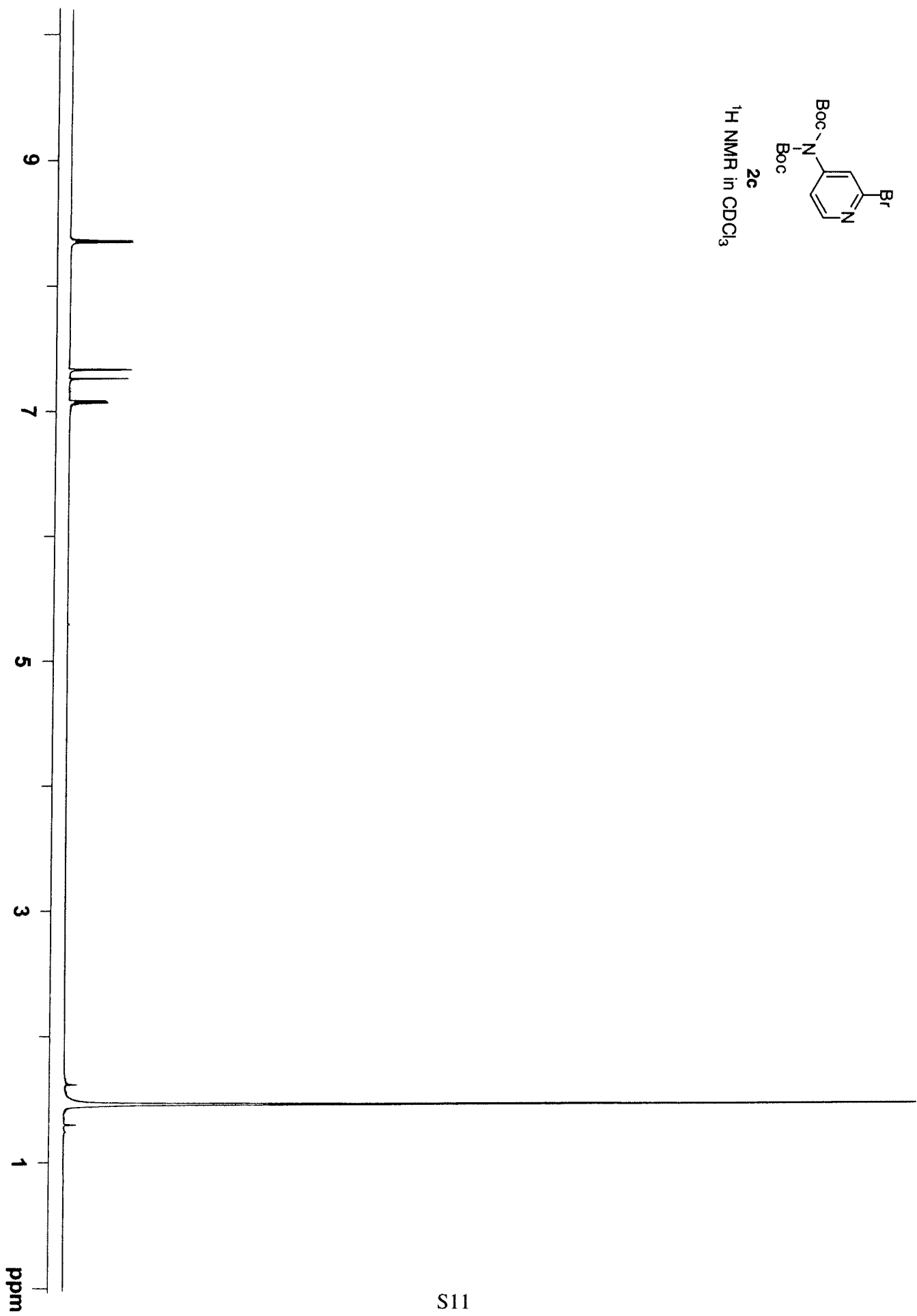


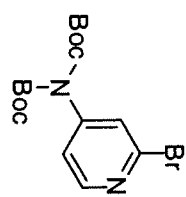
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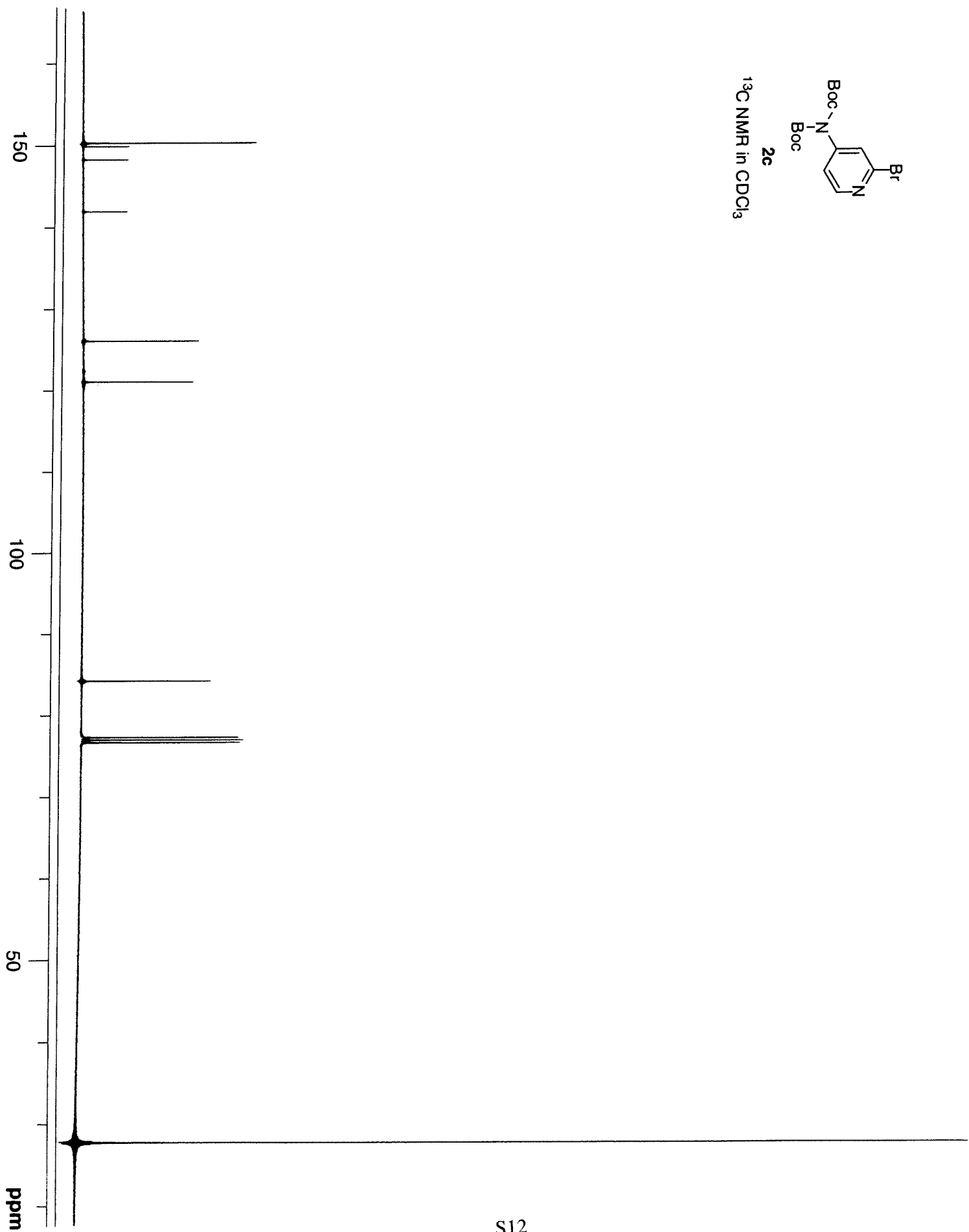


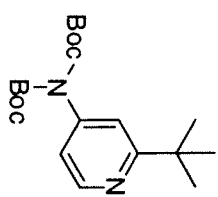
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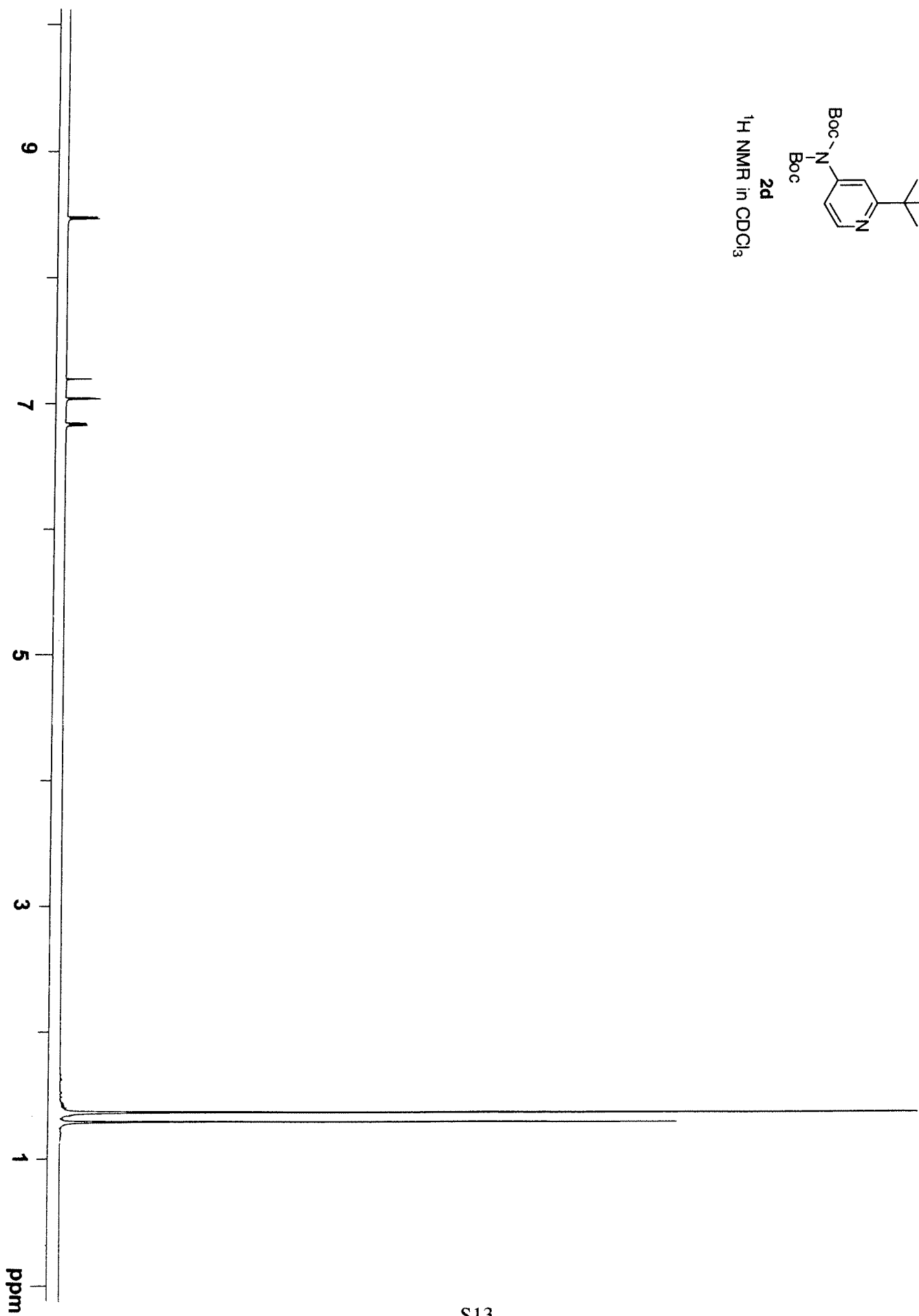


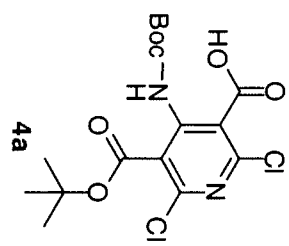
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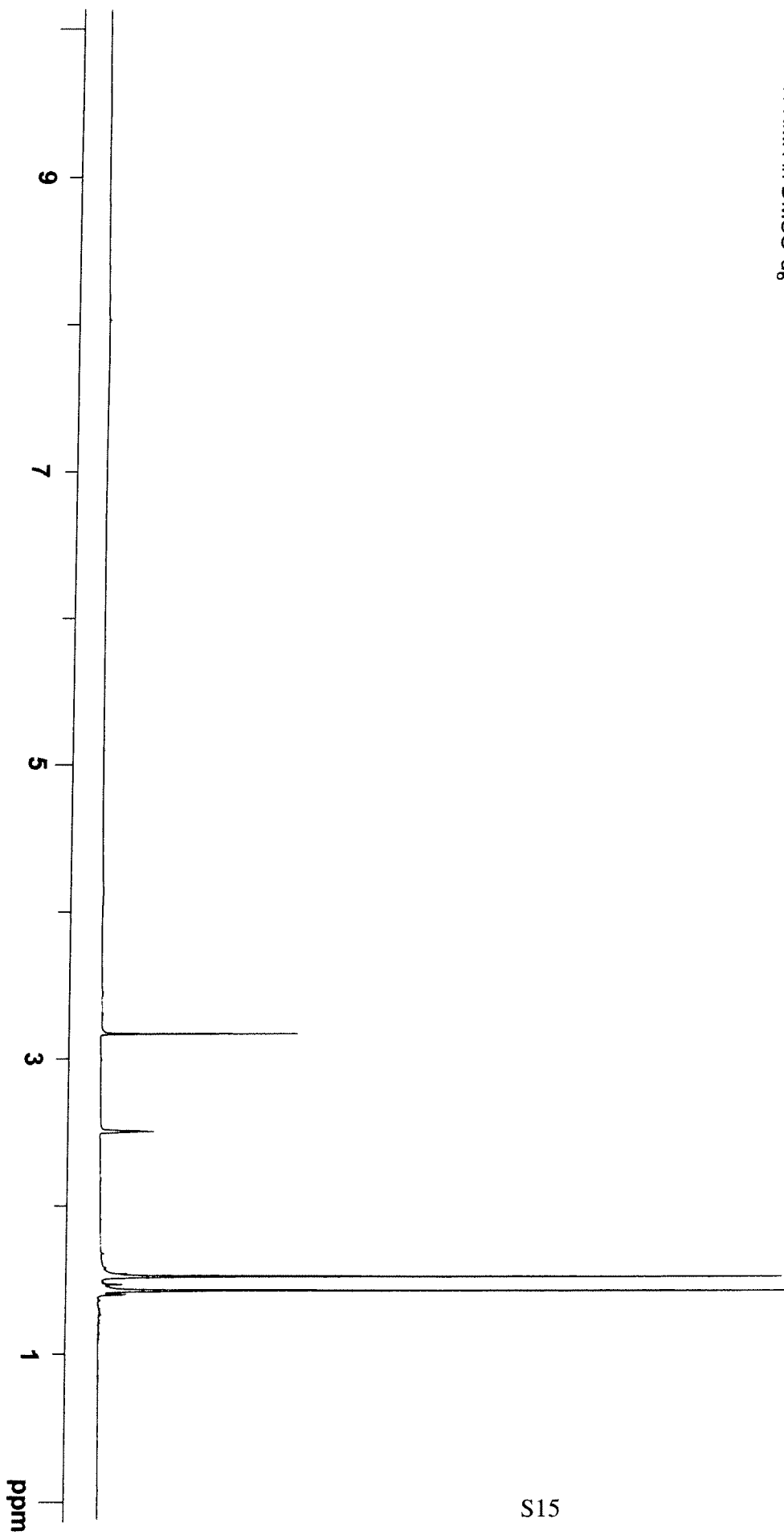


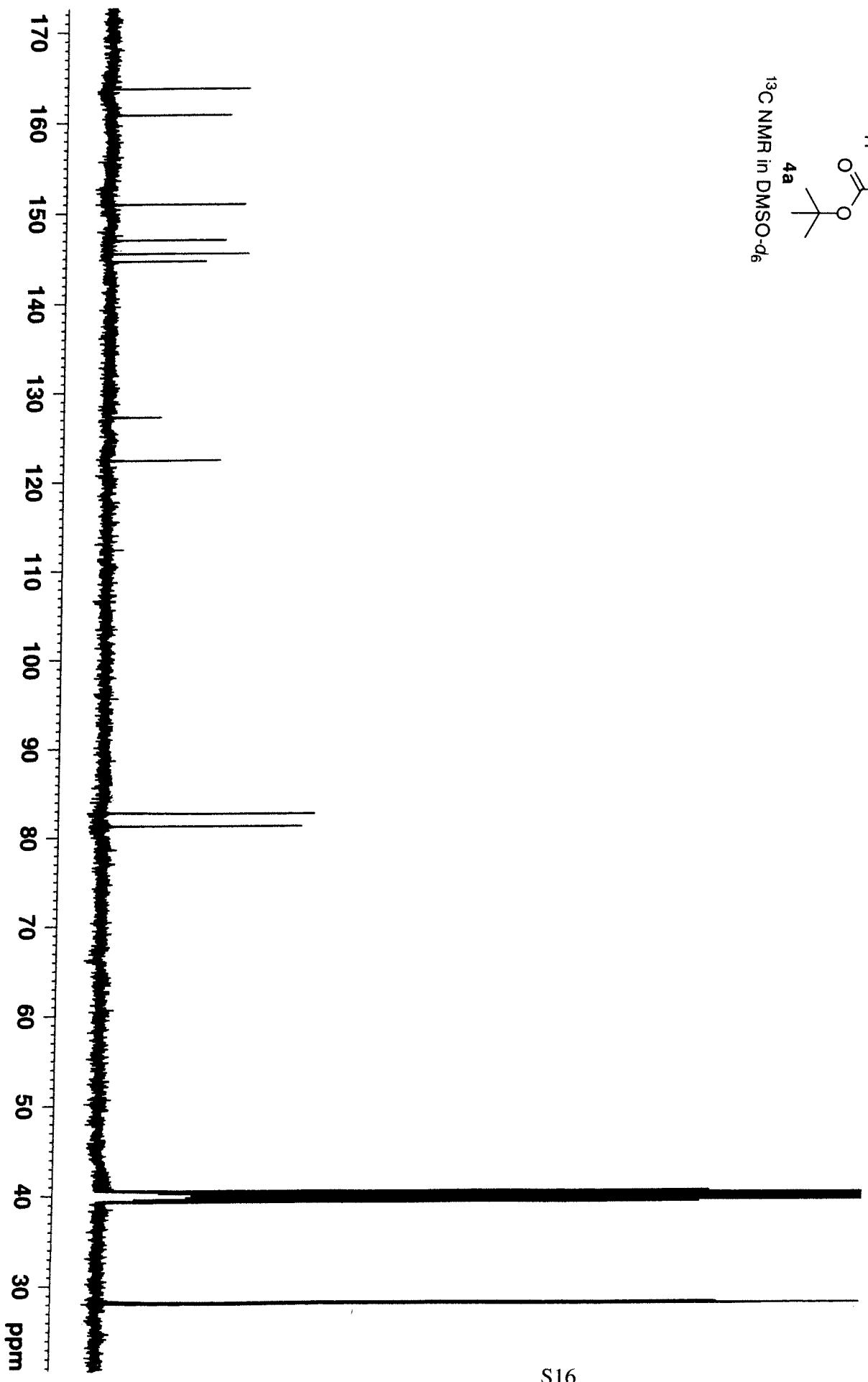
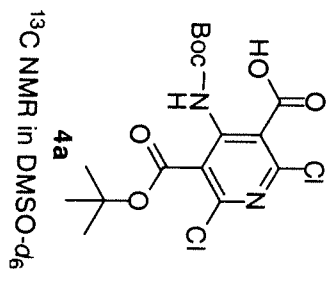
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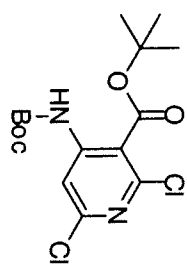




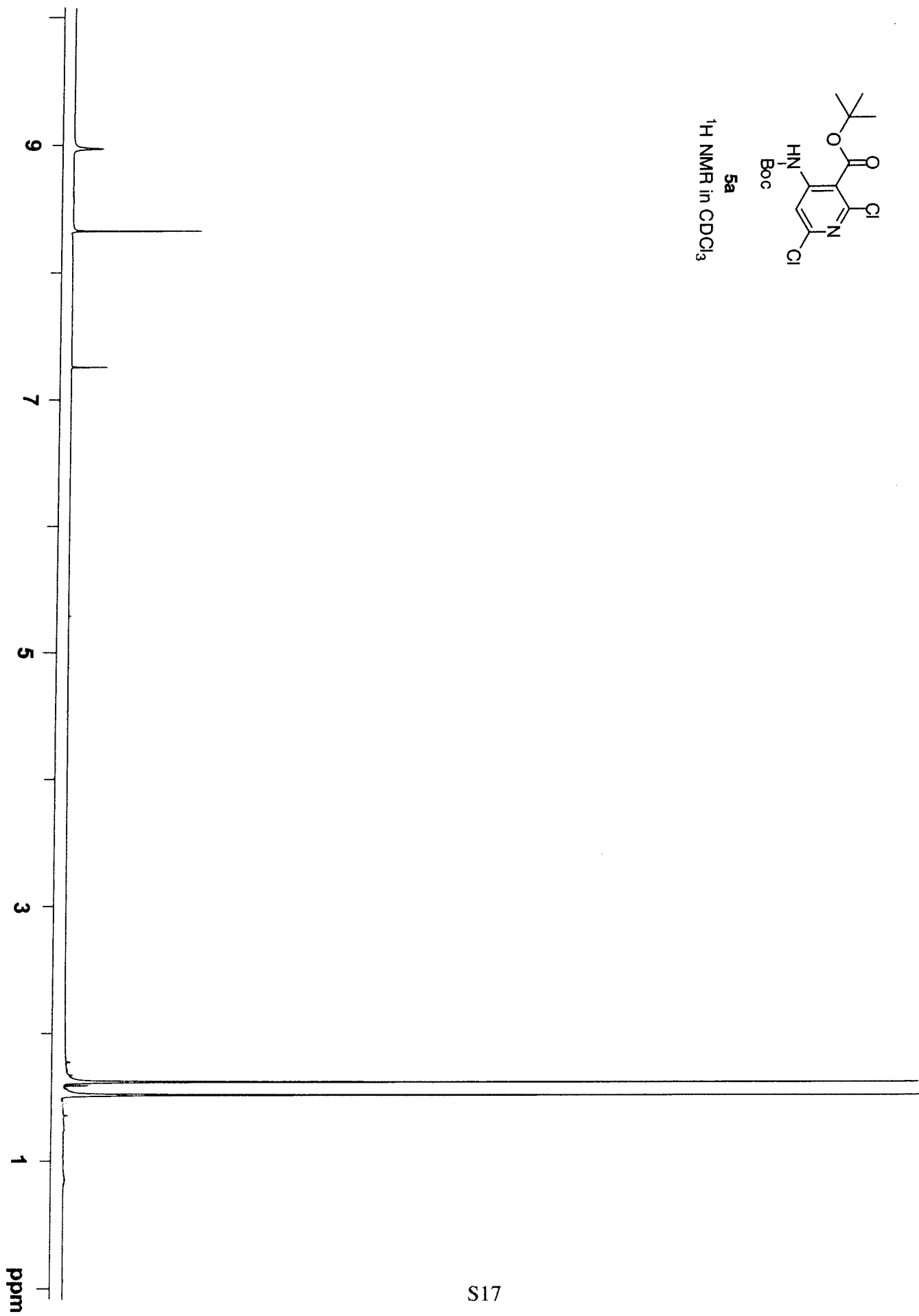
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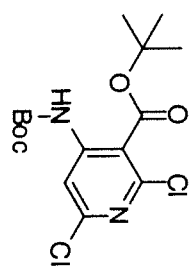




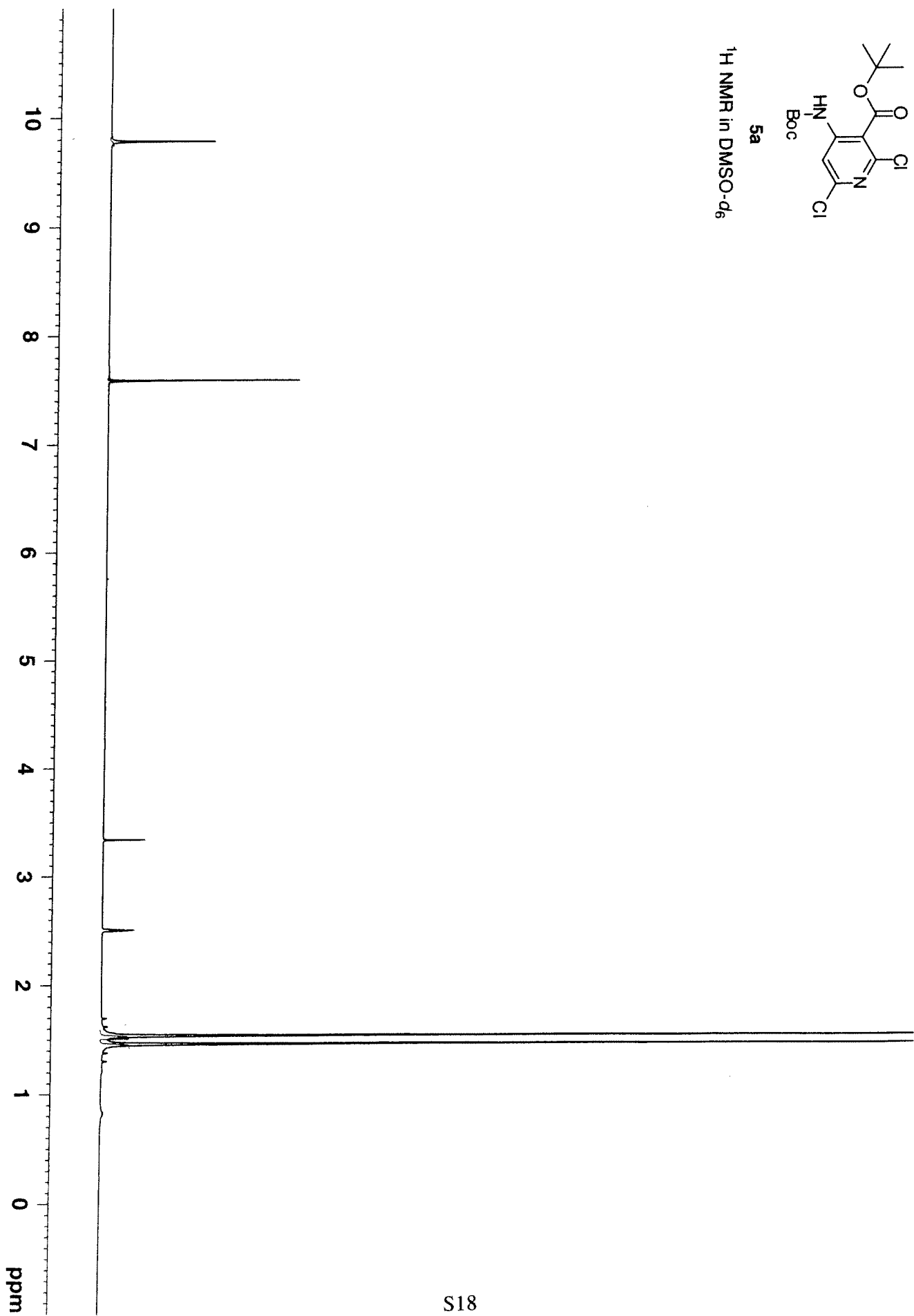


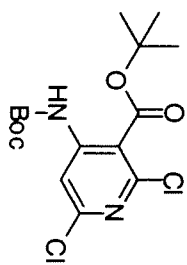
5a
¹H NMR in CDCl₃



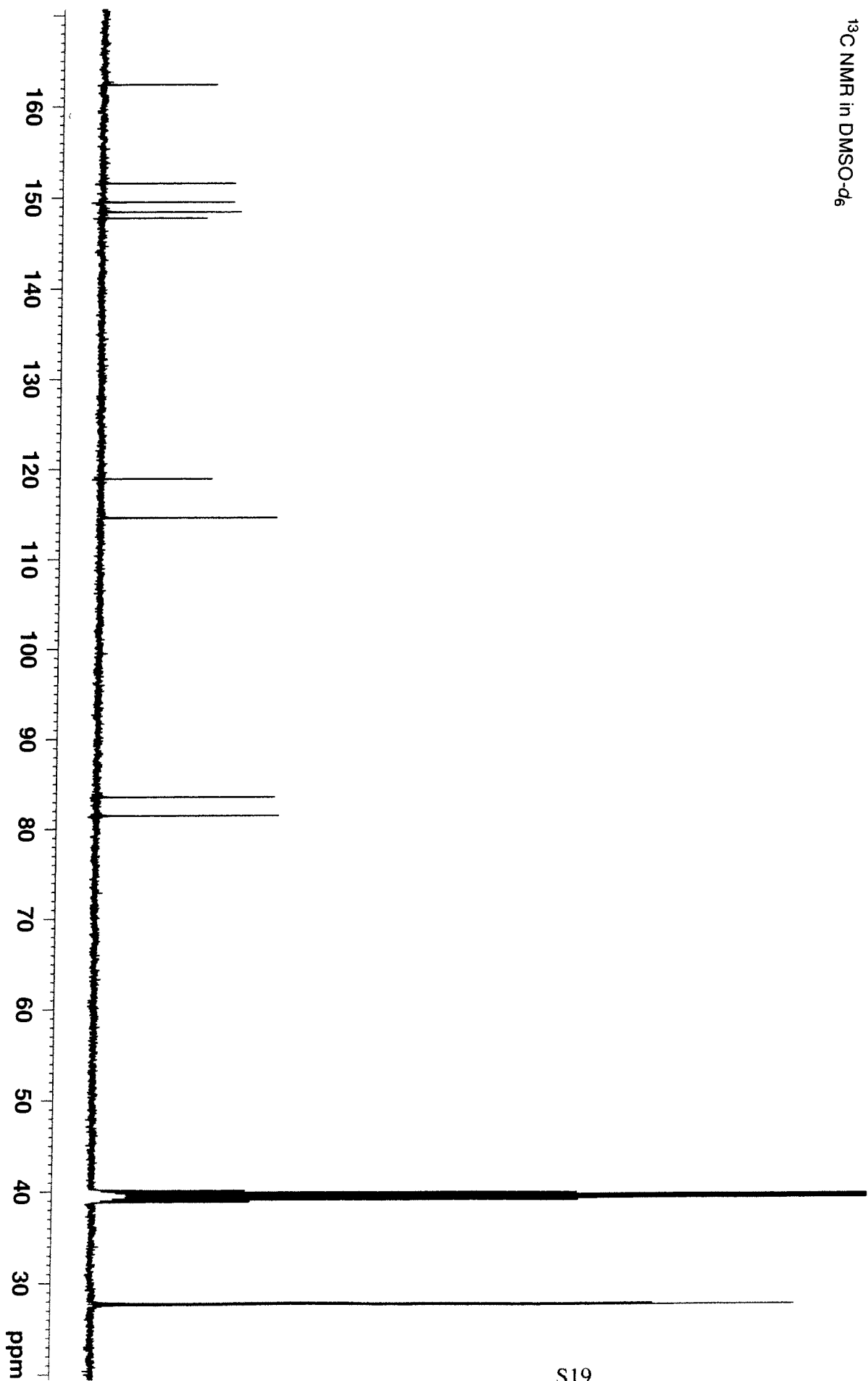


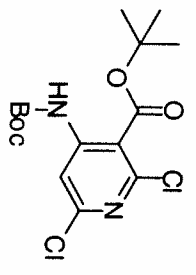
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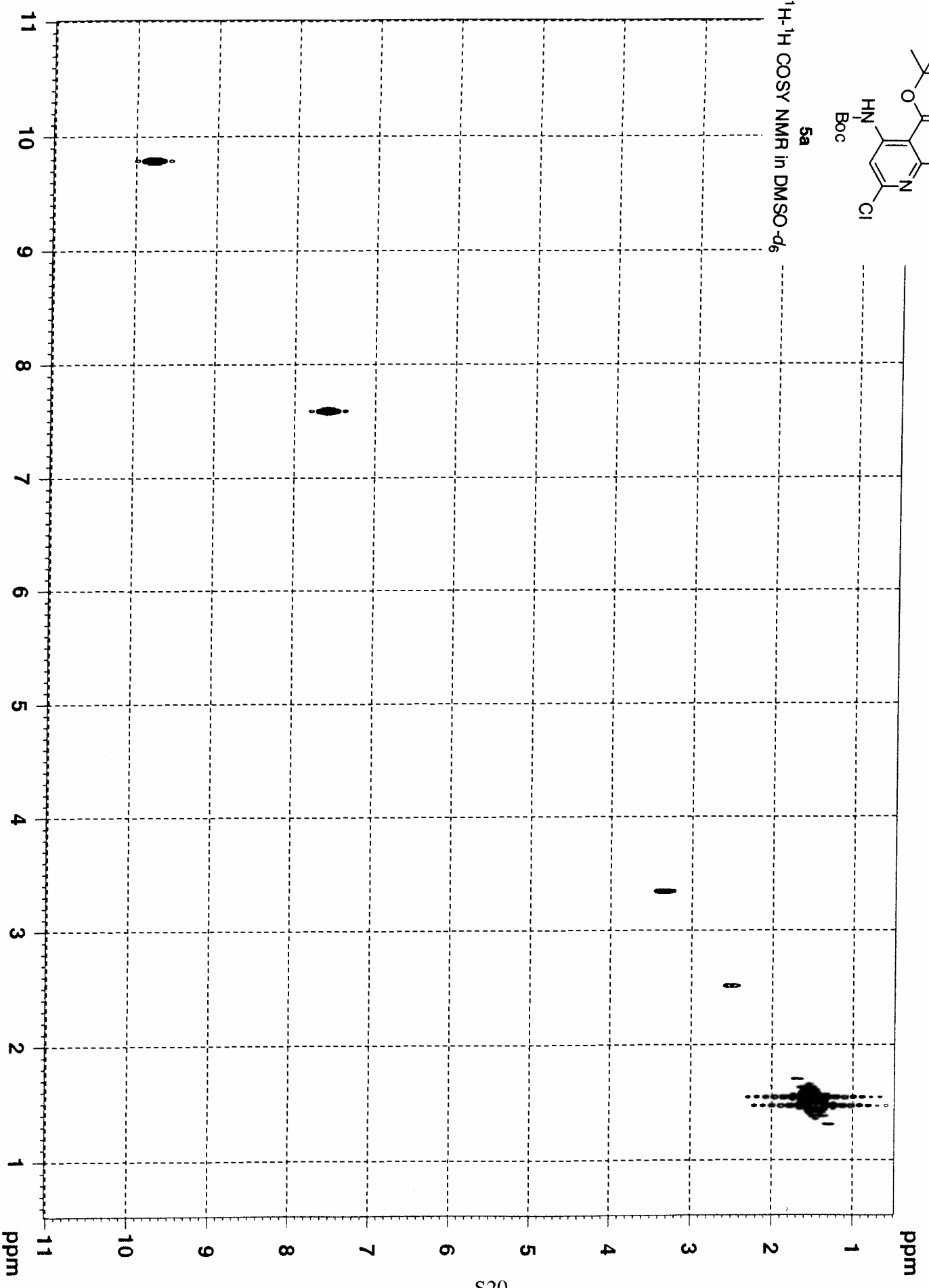
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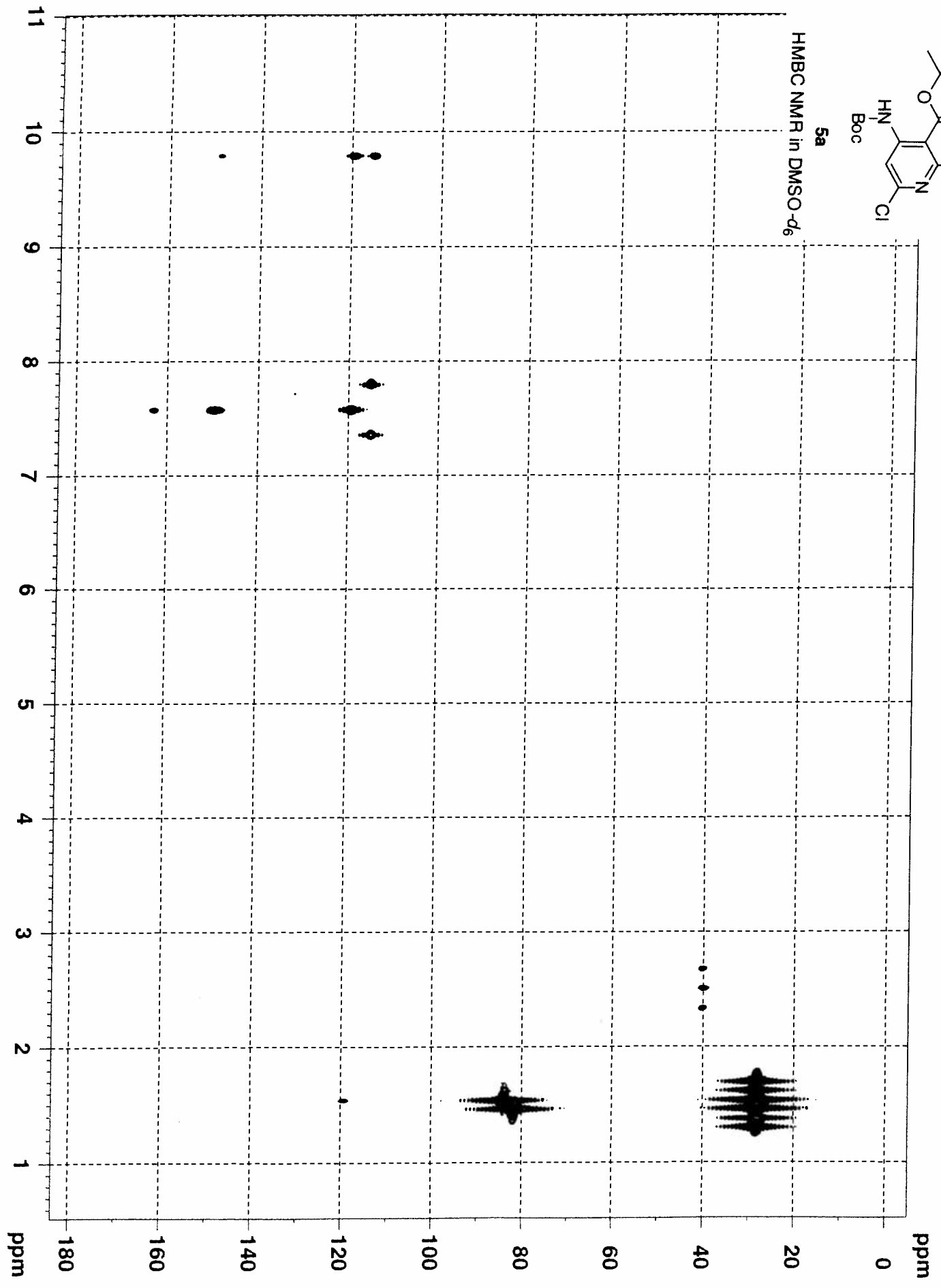
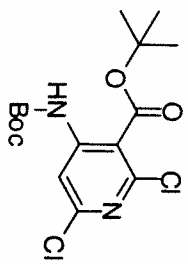


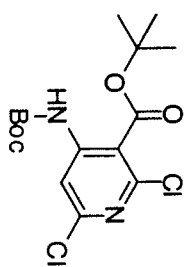


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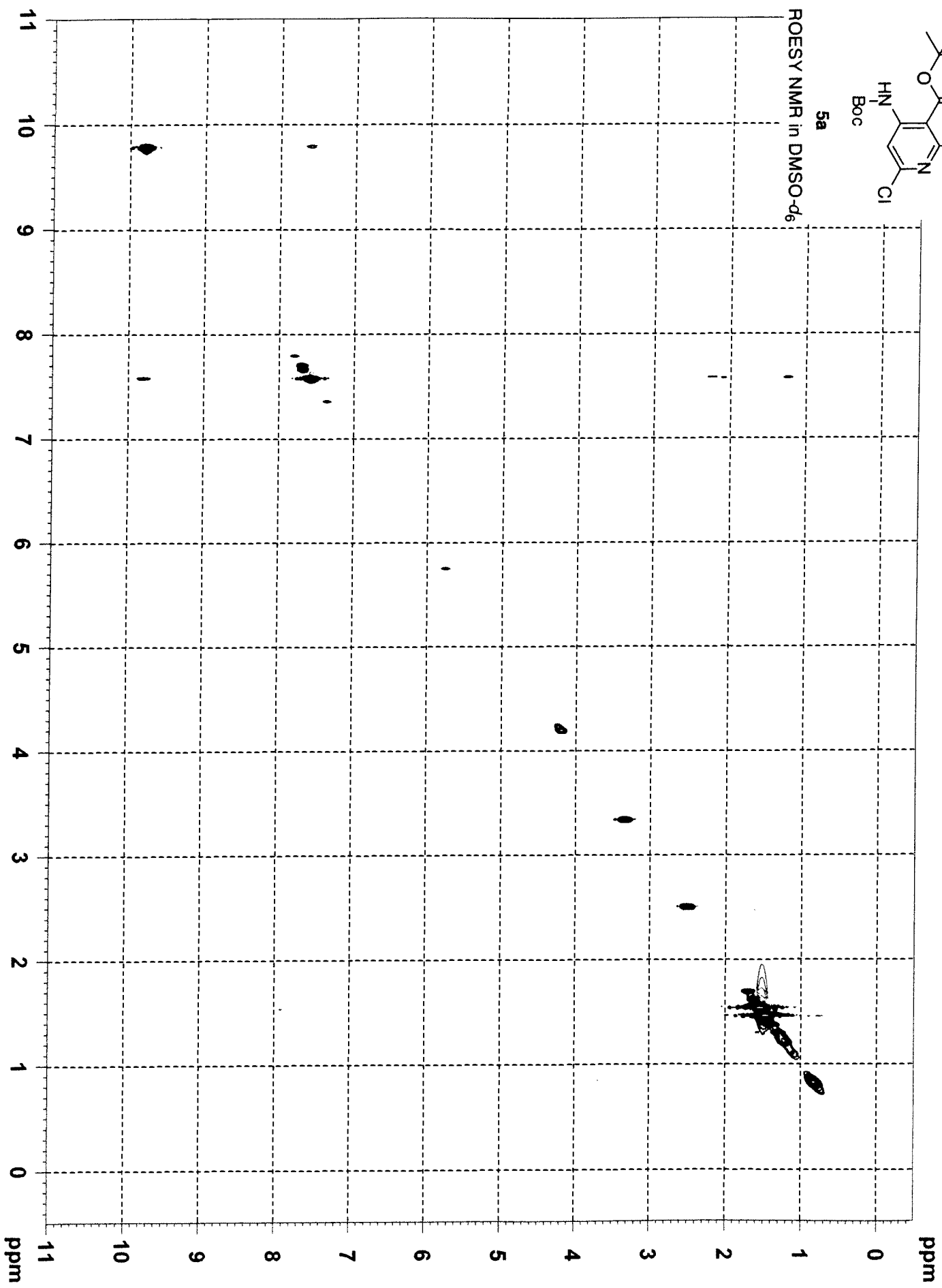
^1H - ^1H COSY NMR in DMSO- d_6

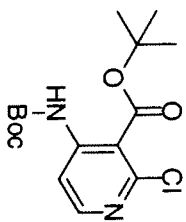




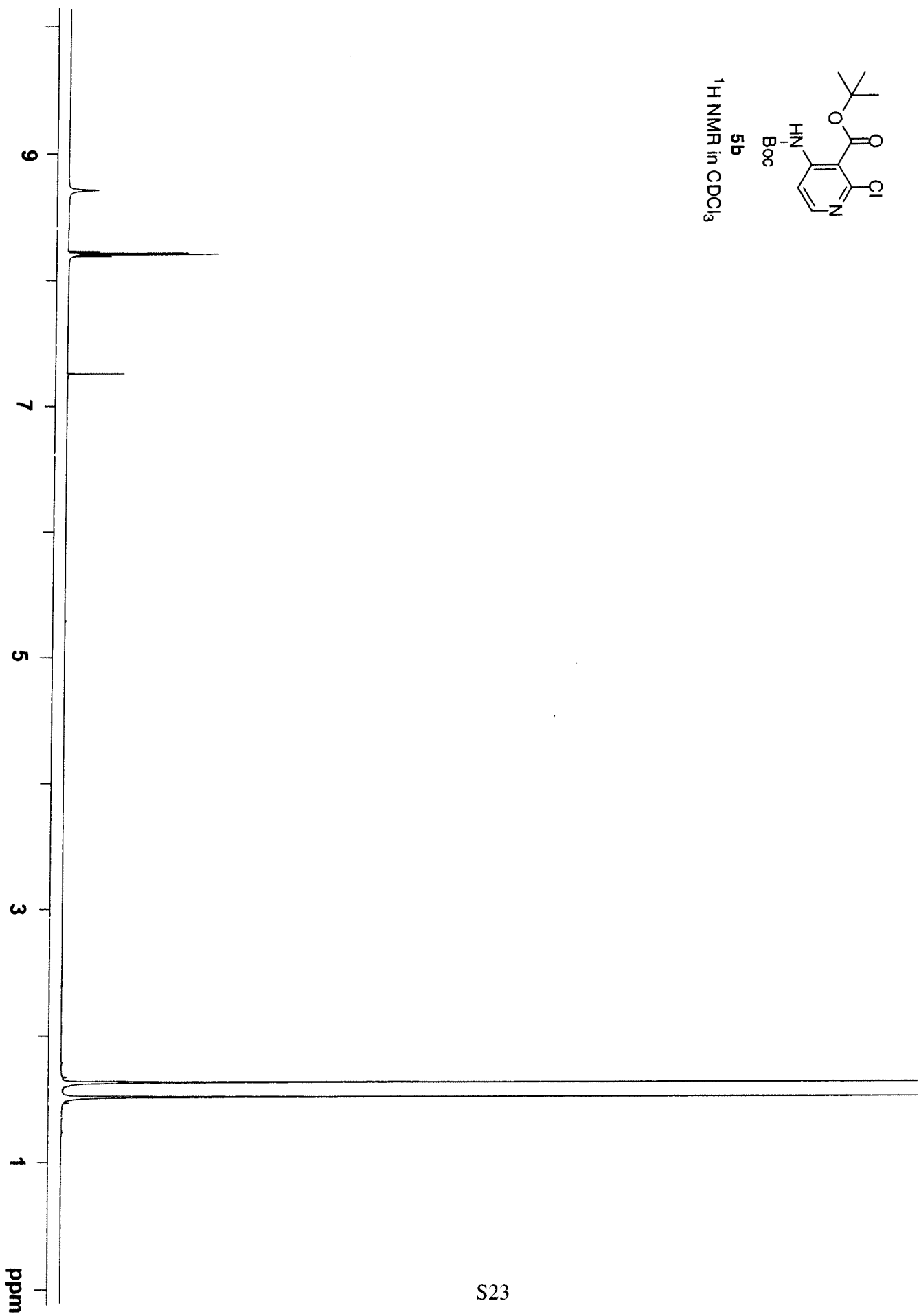


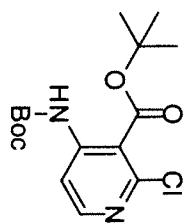
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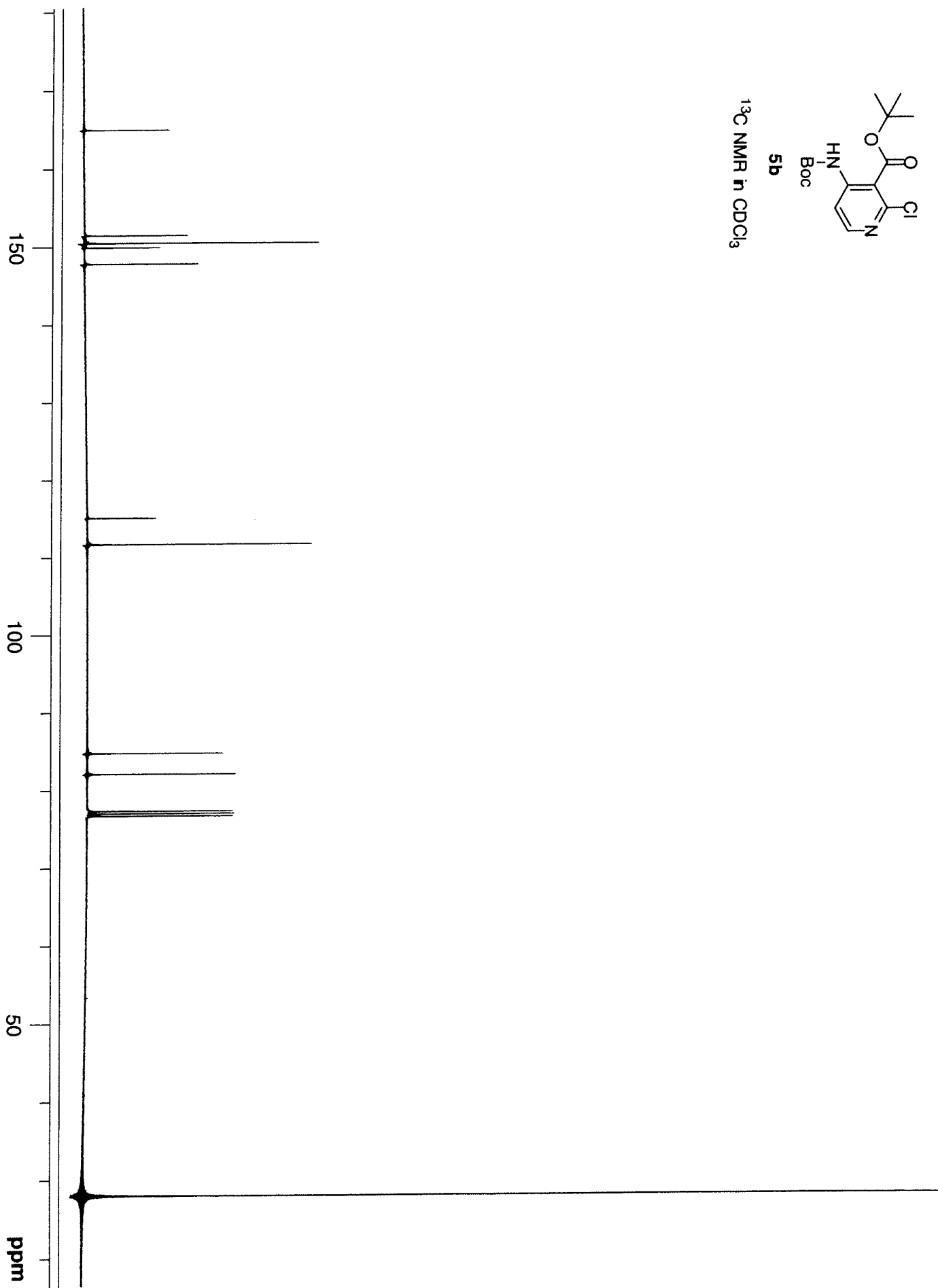
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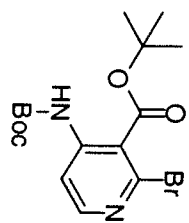




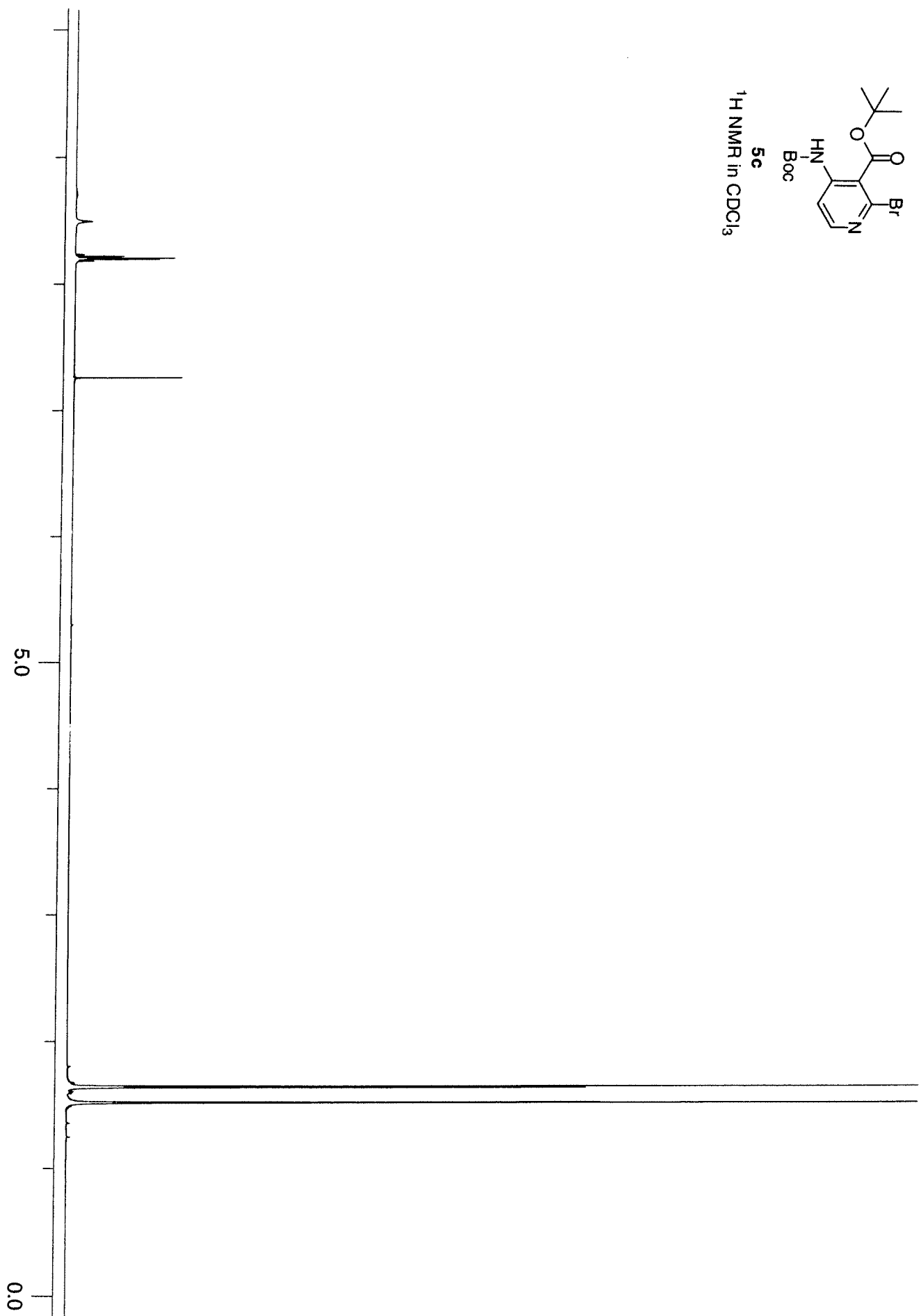
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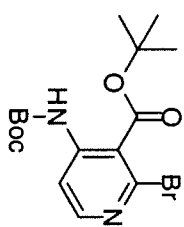
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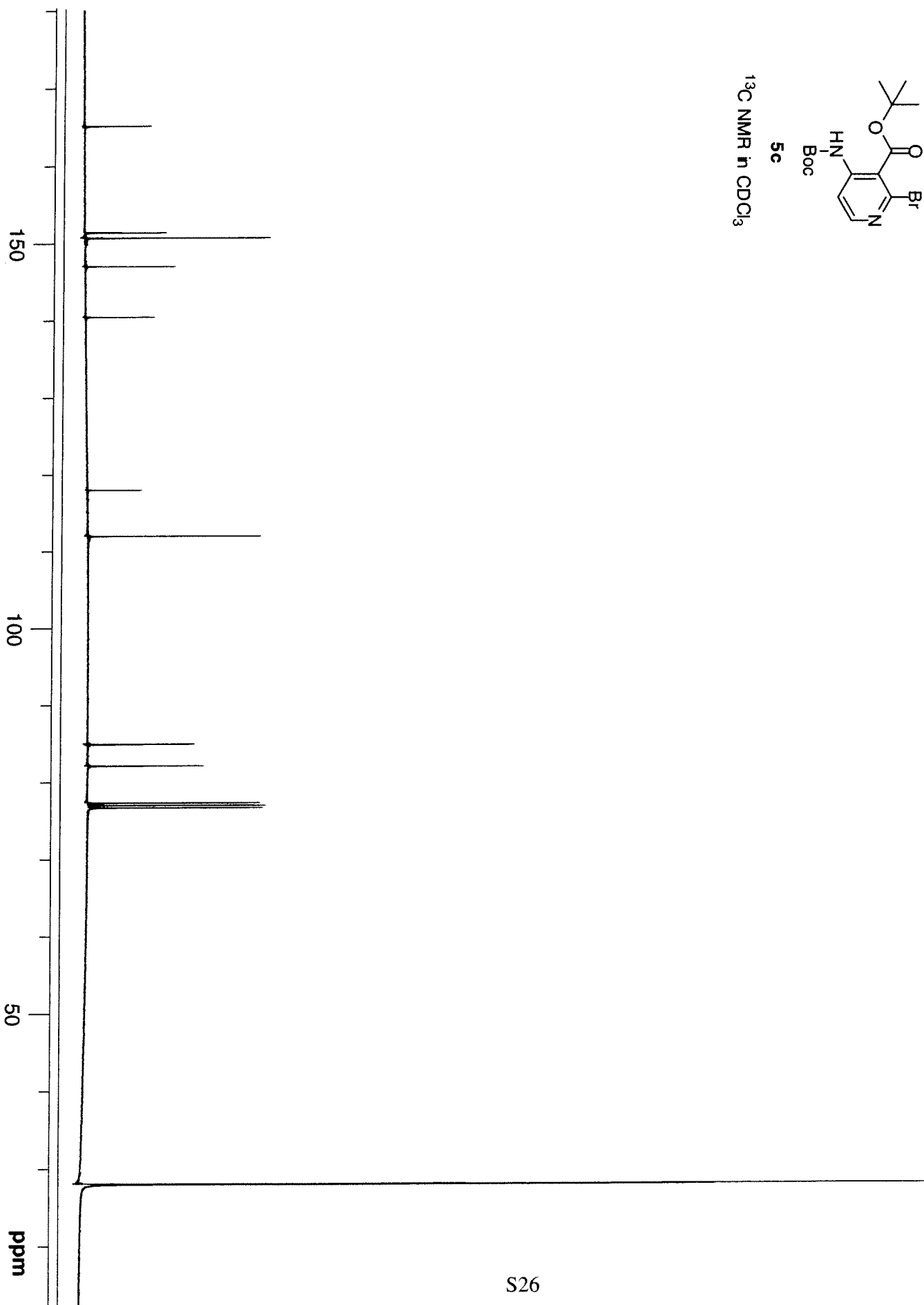


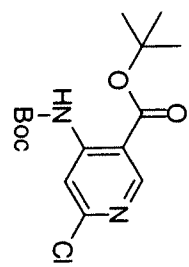
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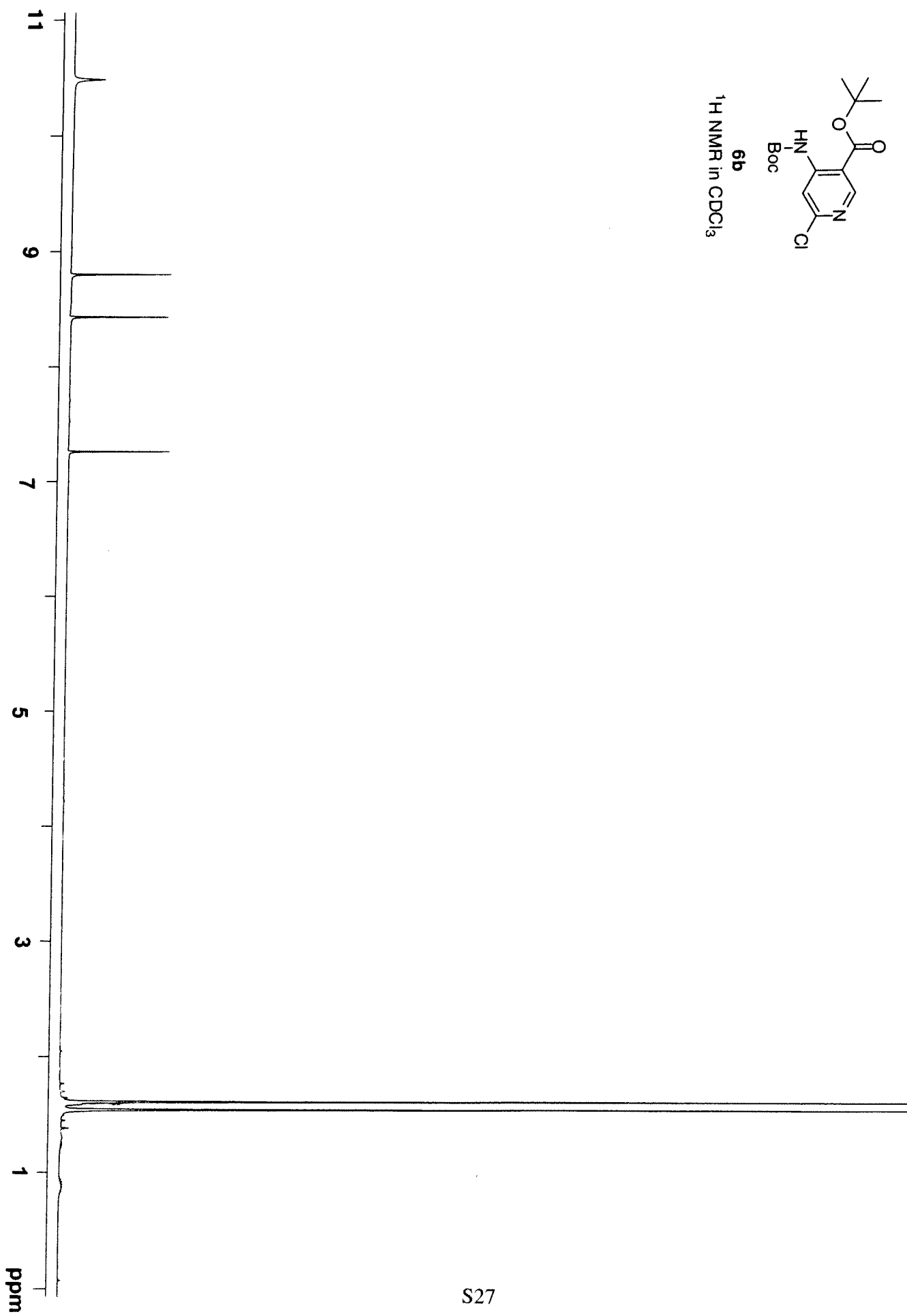


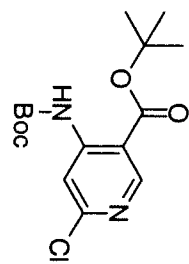
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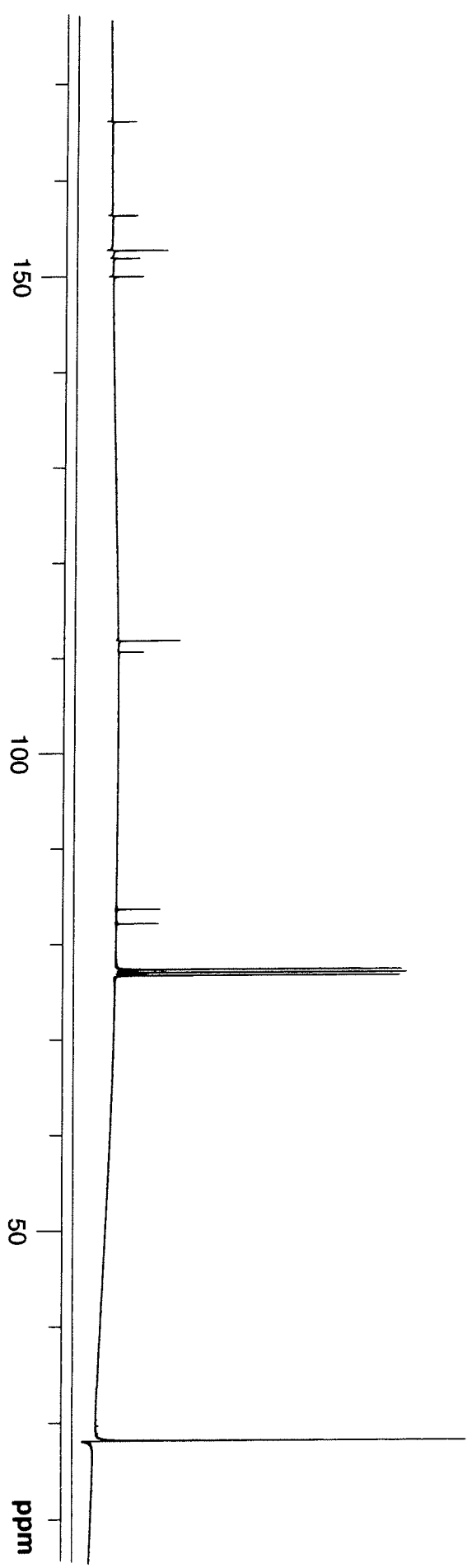


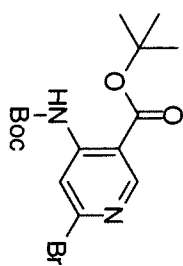
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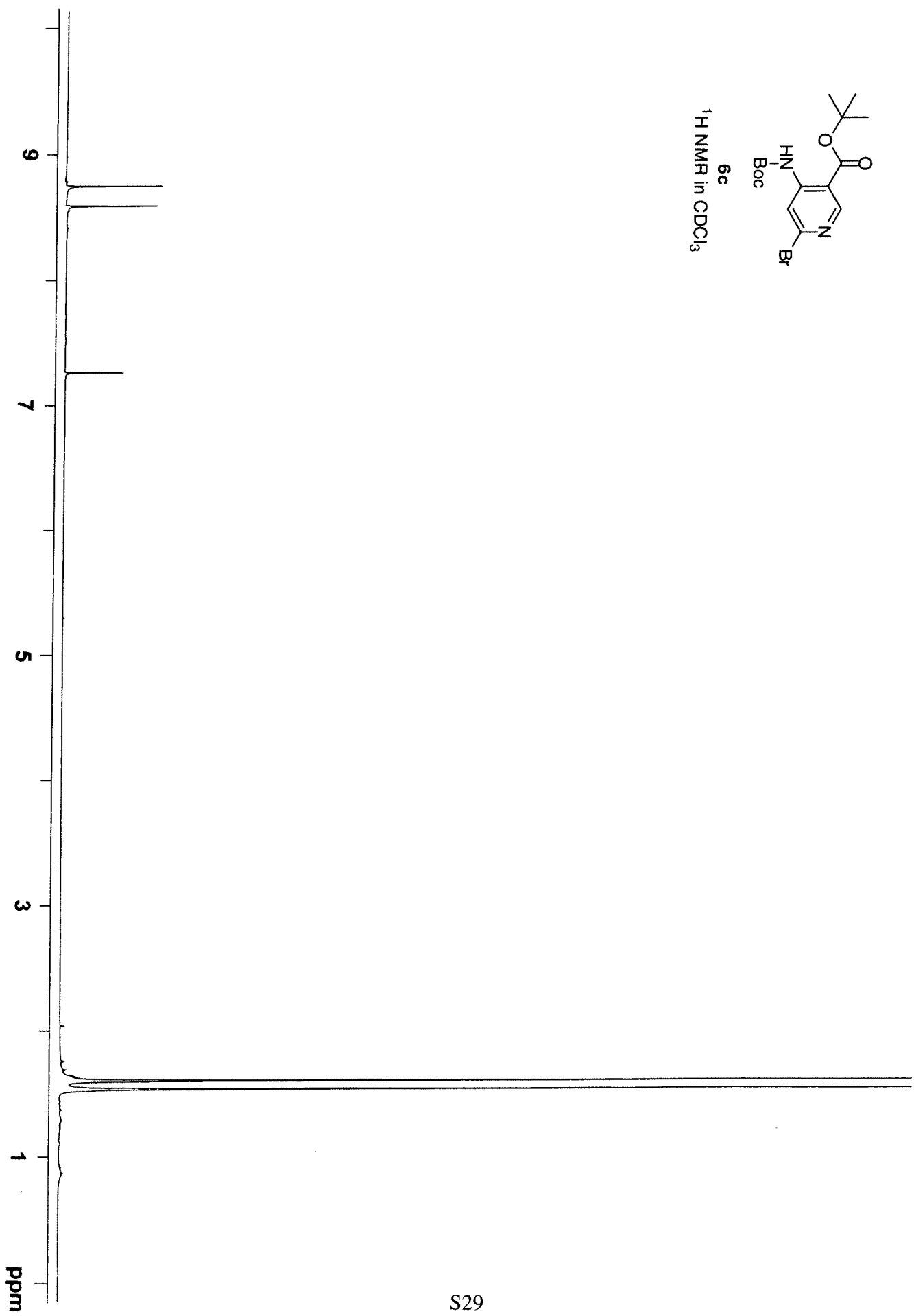


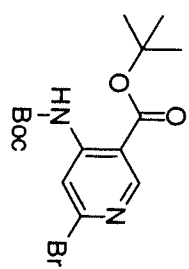
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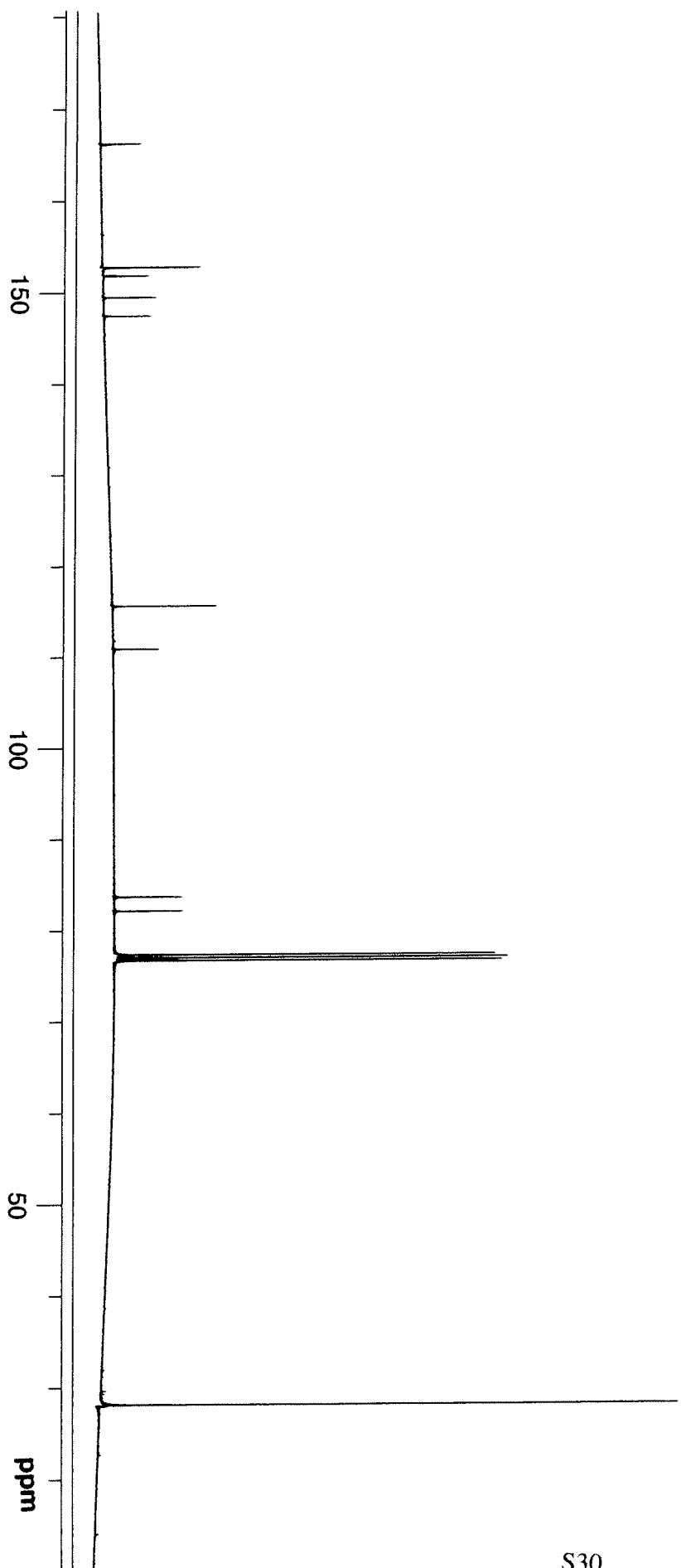


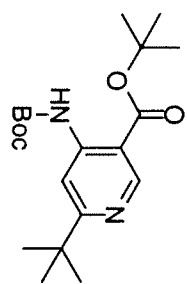
6c
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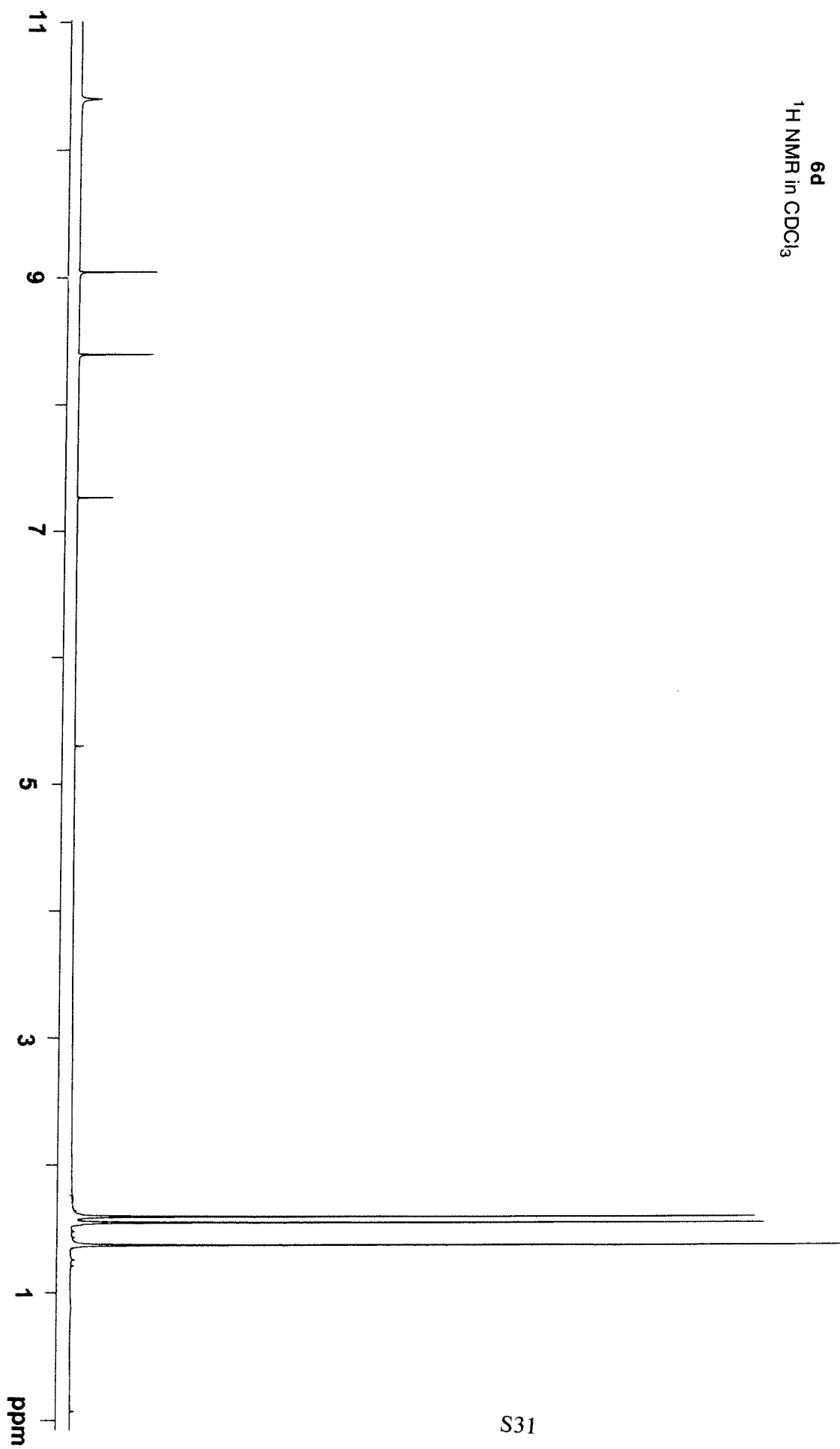


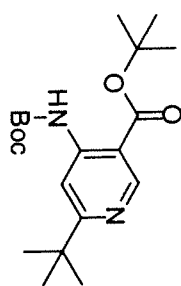
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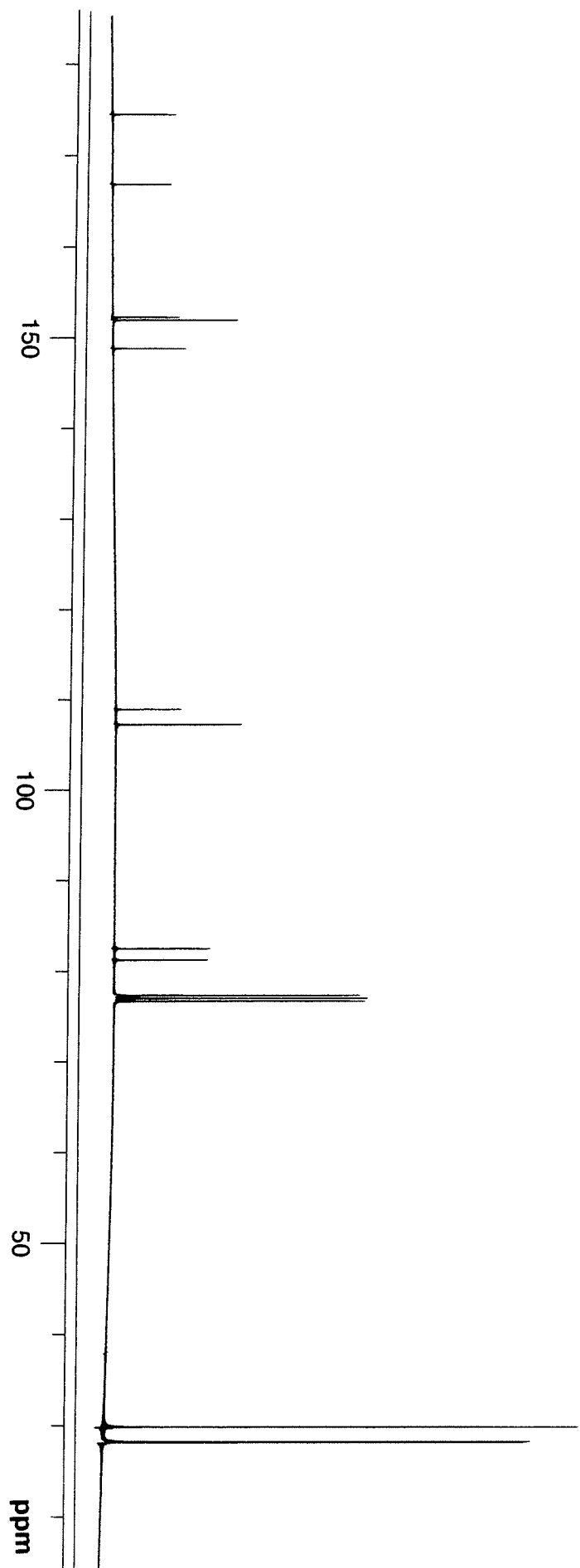


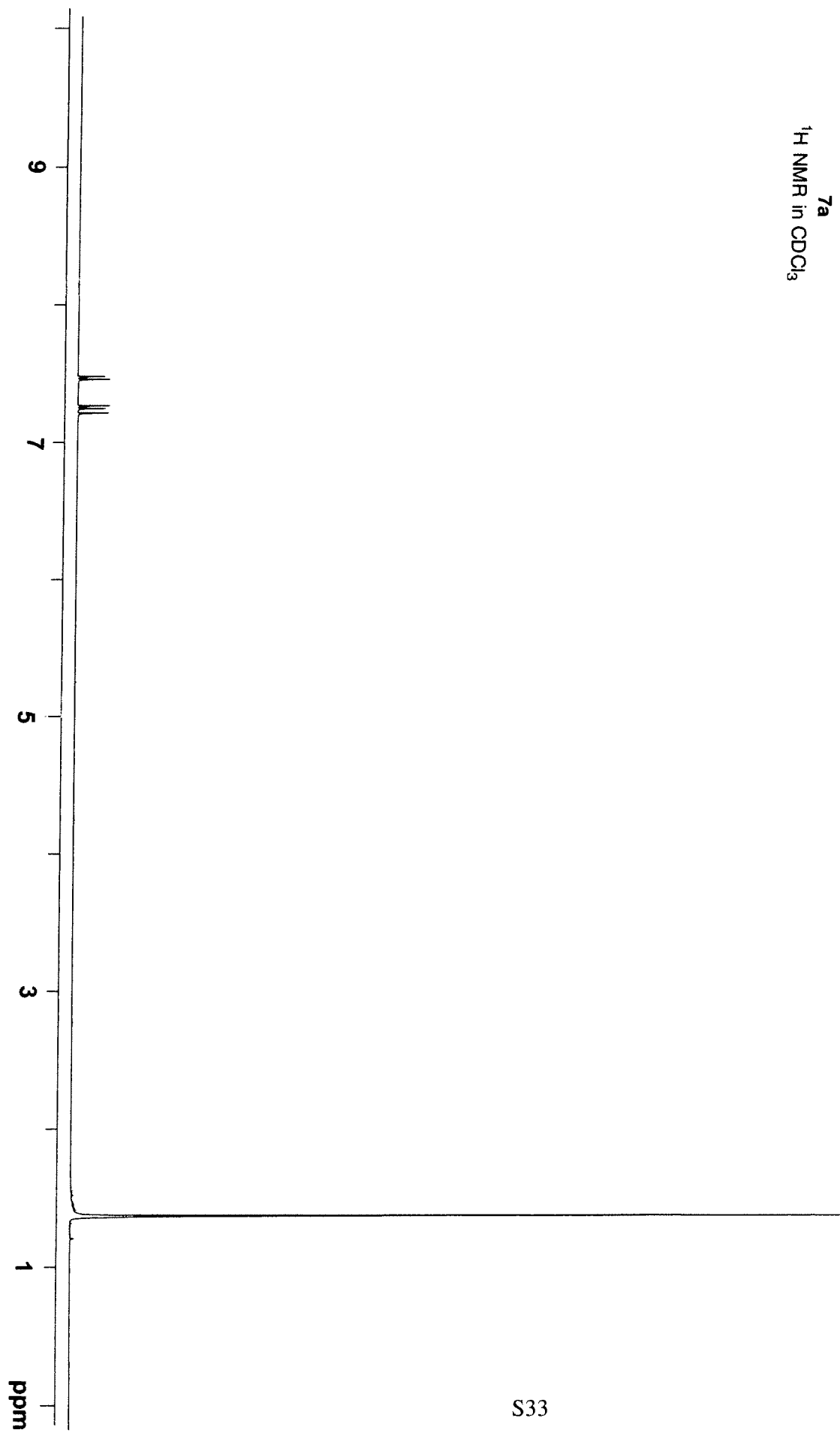
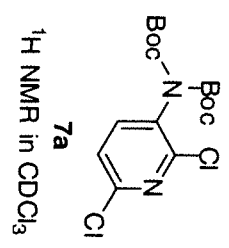
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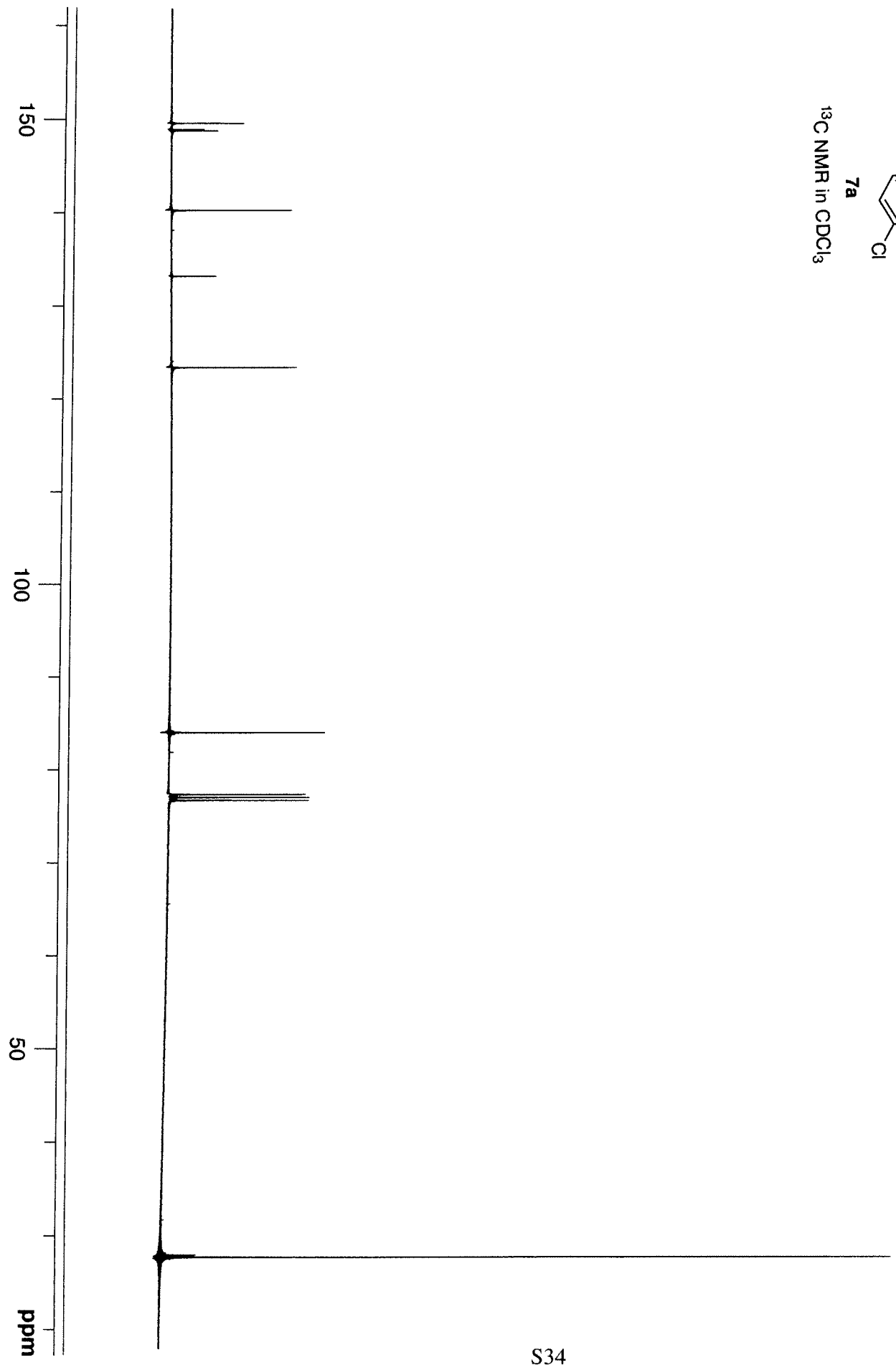
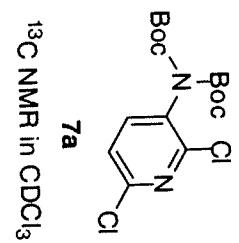


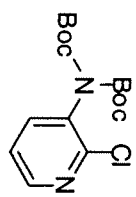


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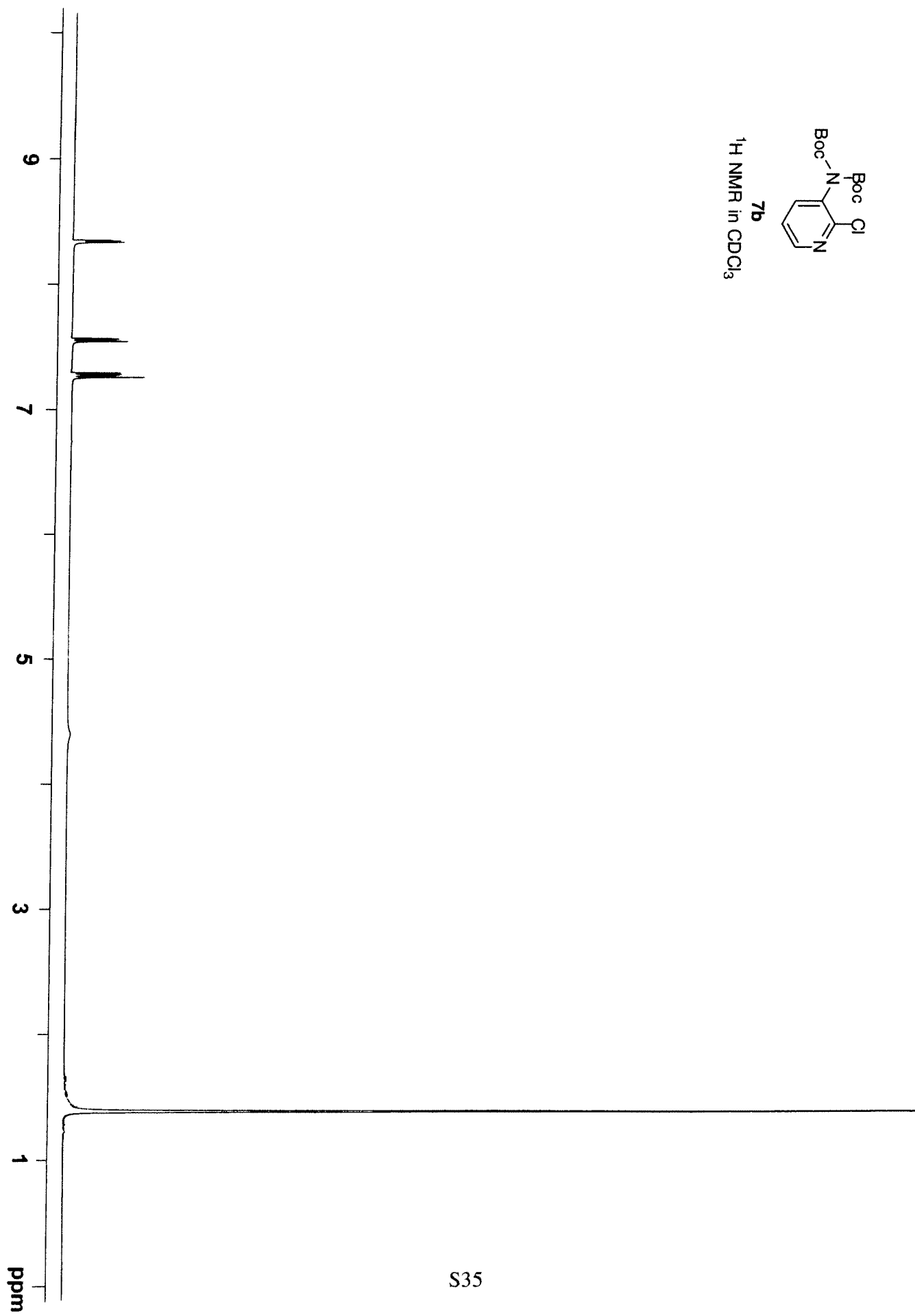


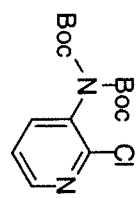




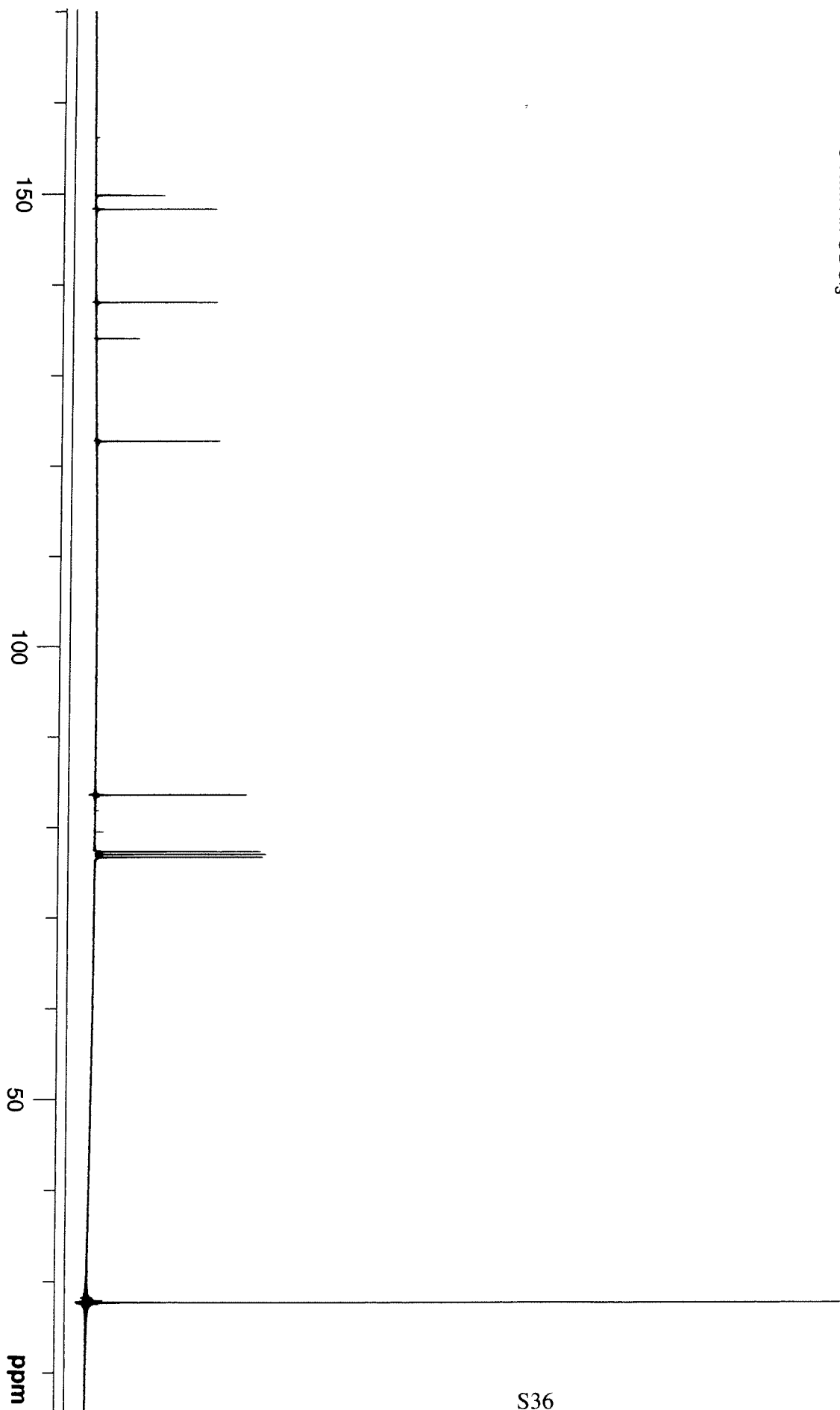


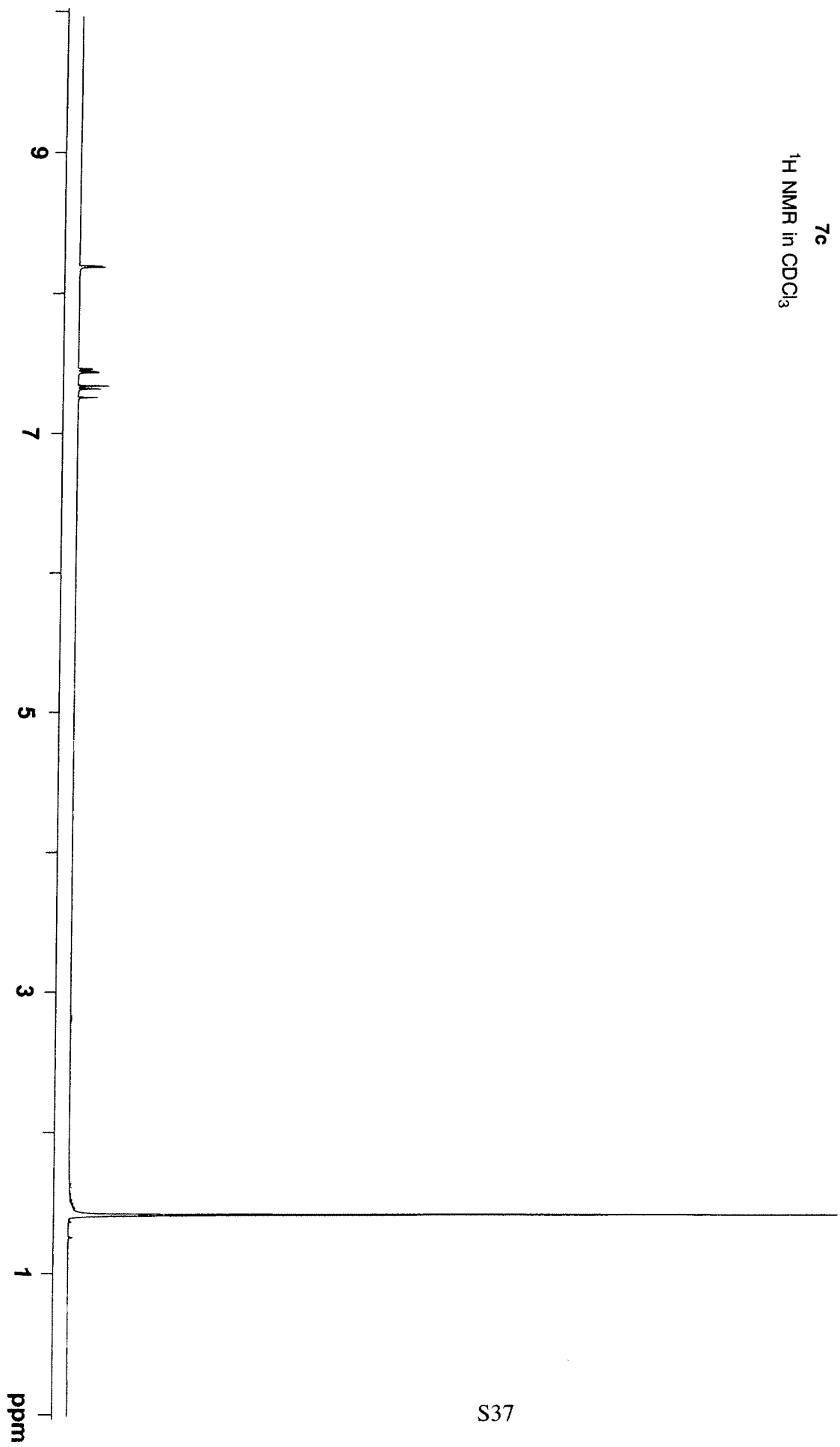
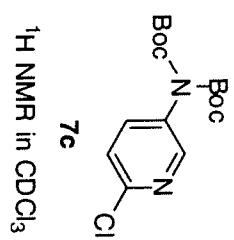
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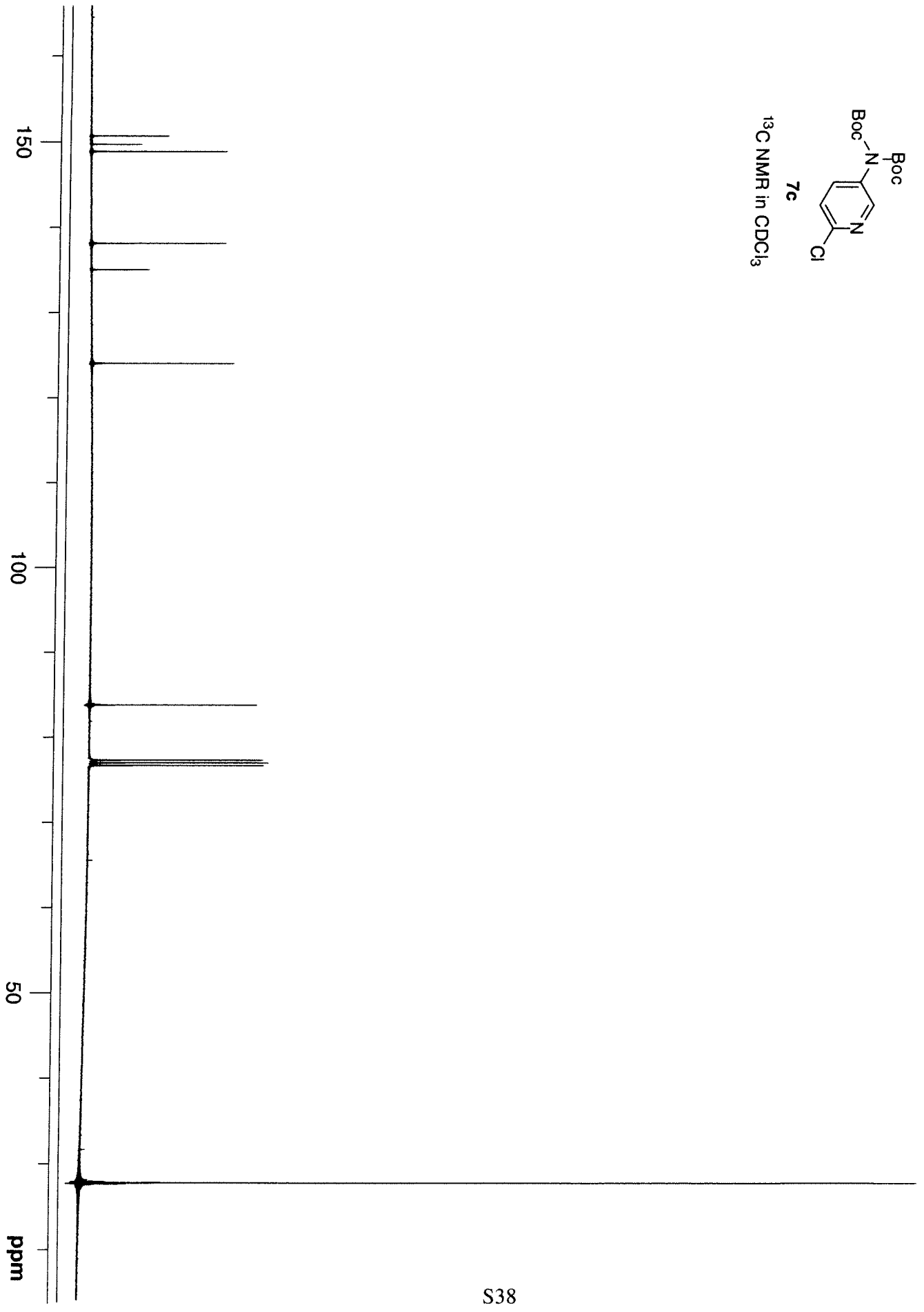
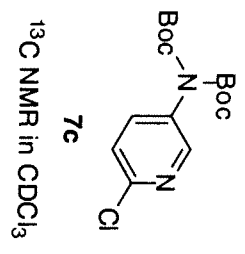


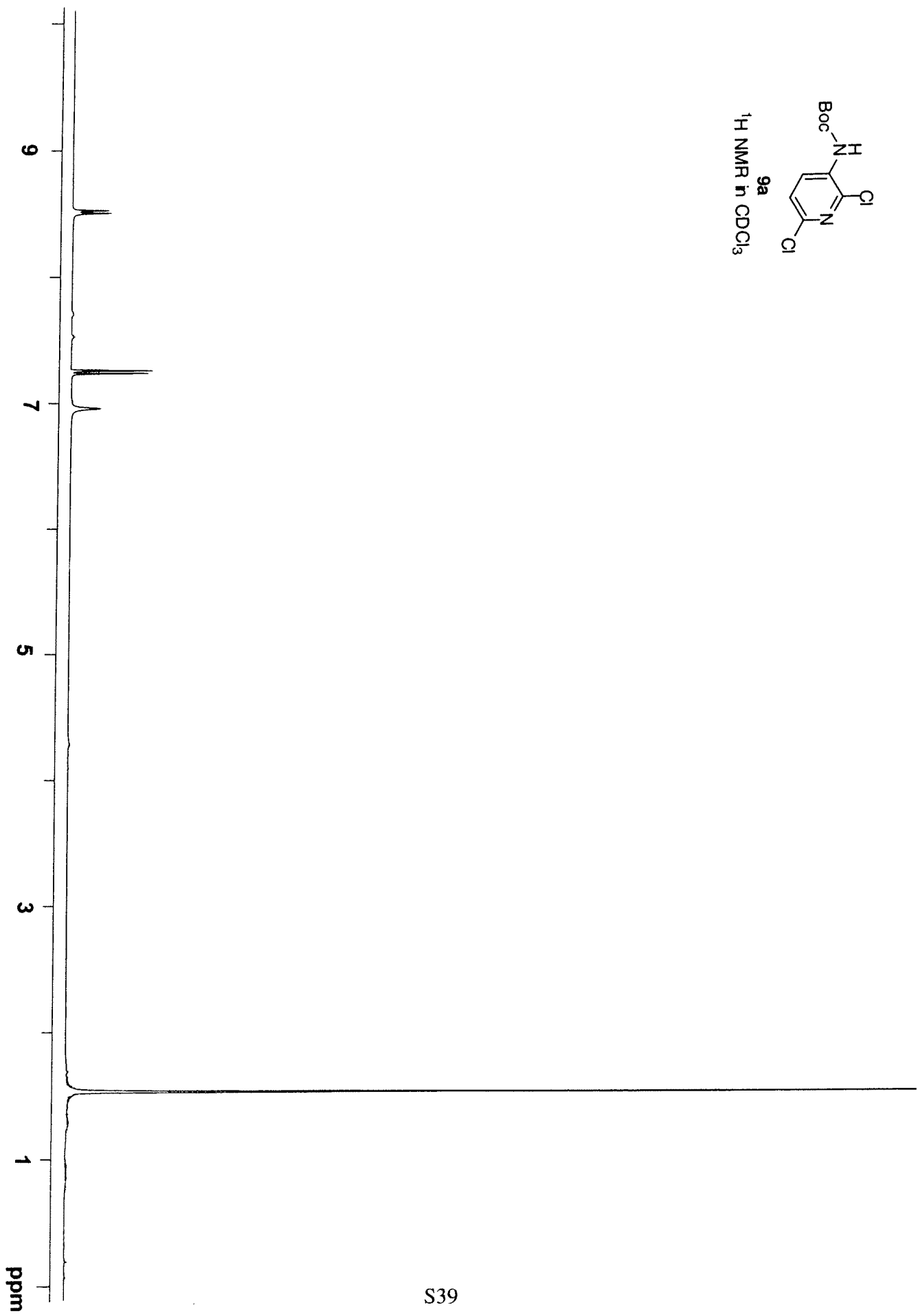
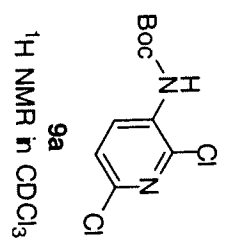


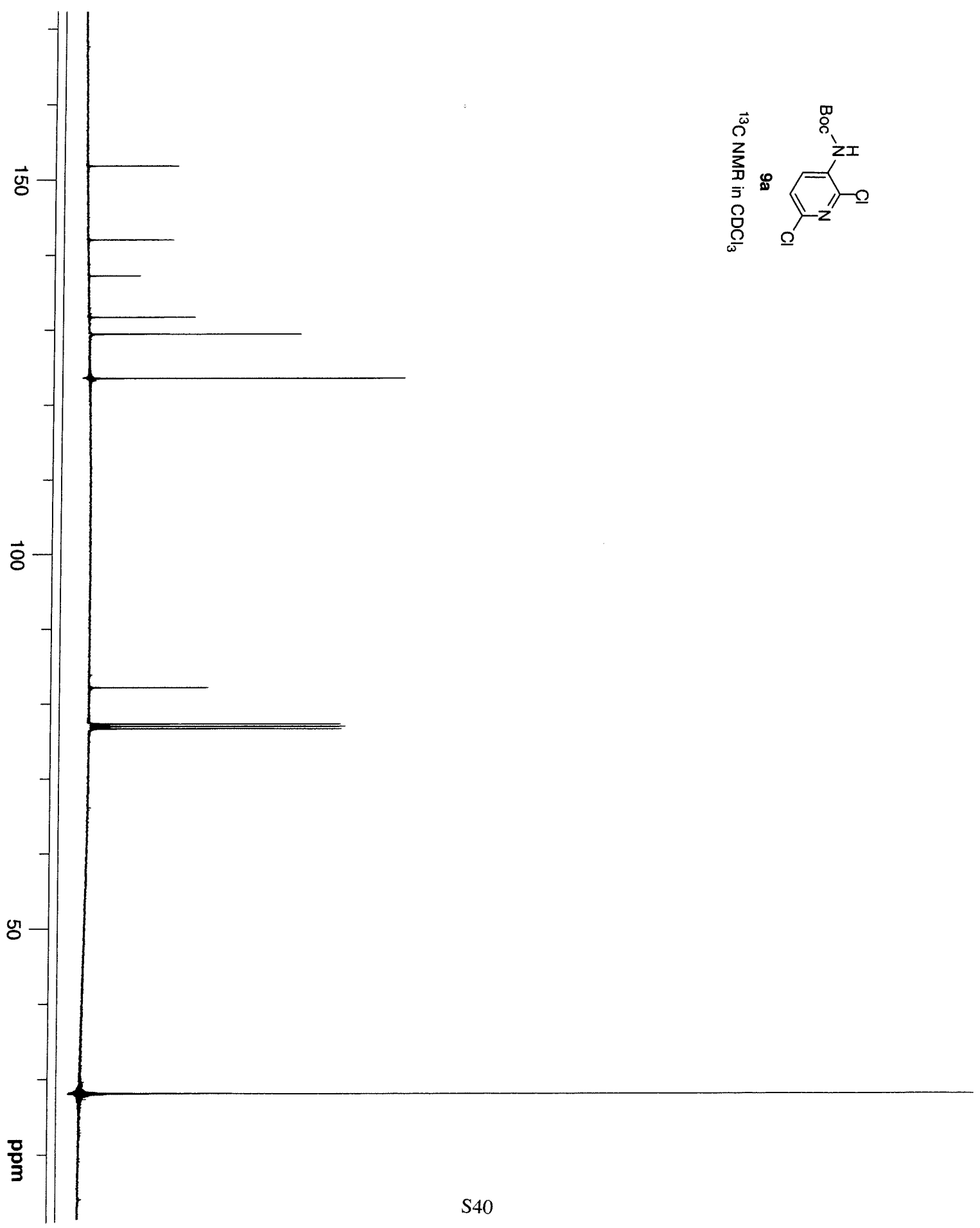
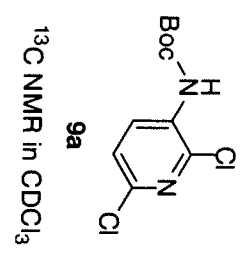
^{13}C NMR in CDCl_3

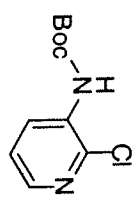




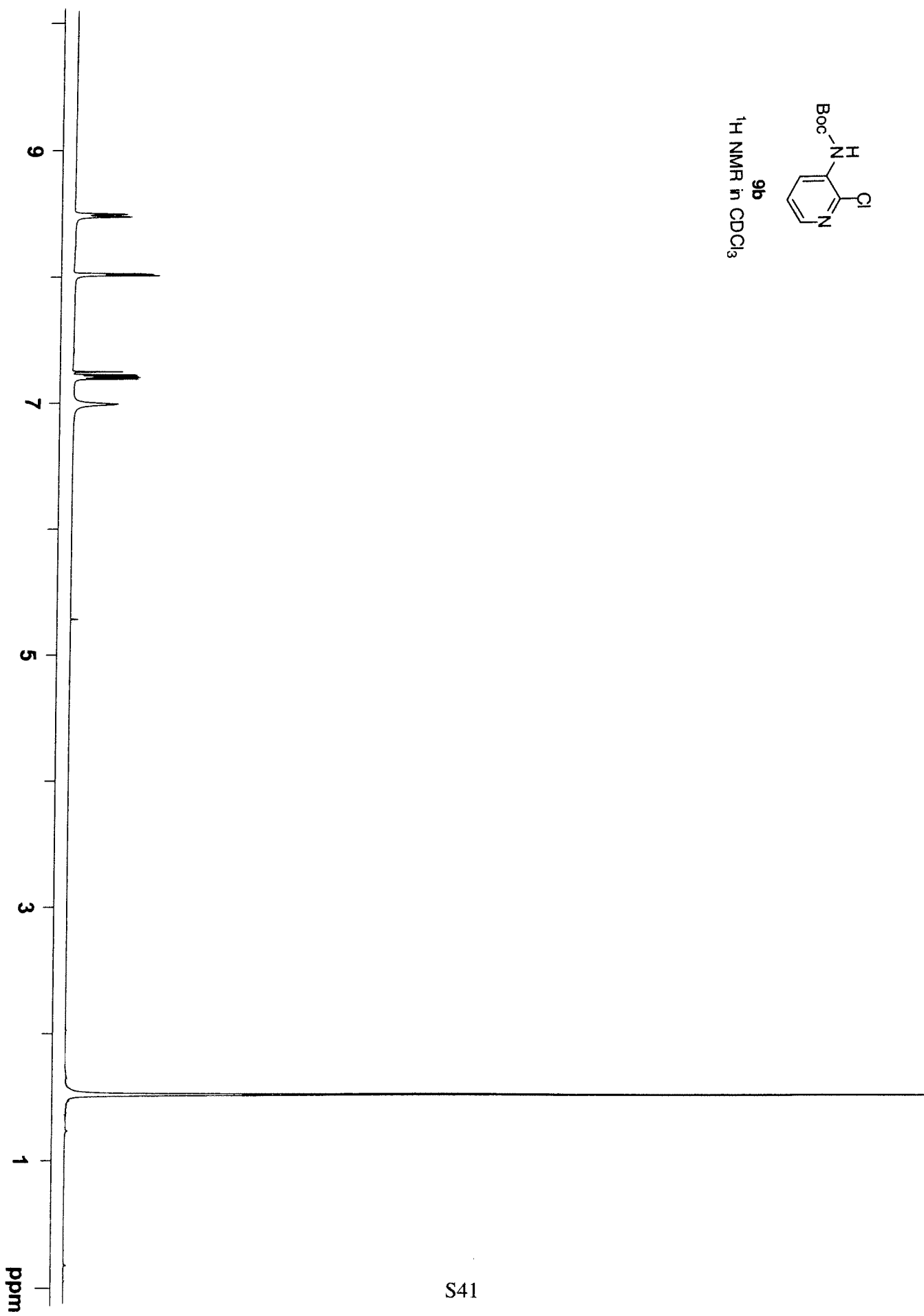


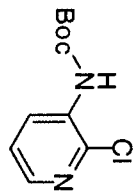




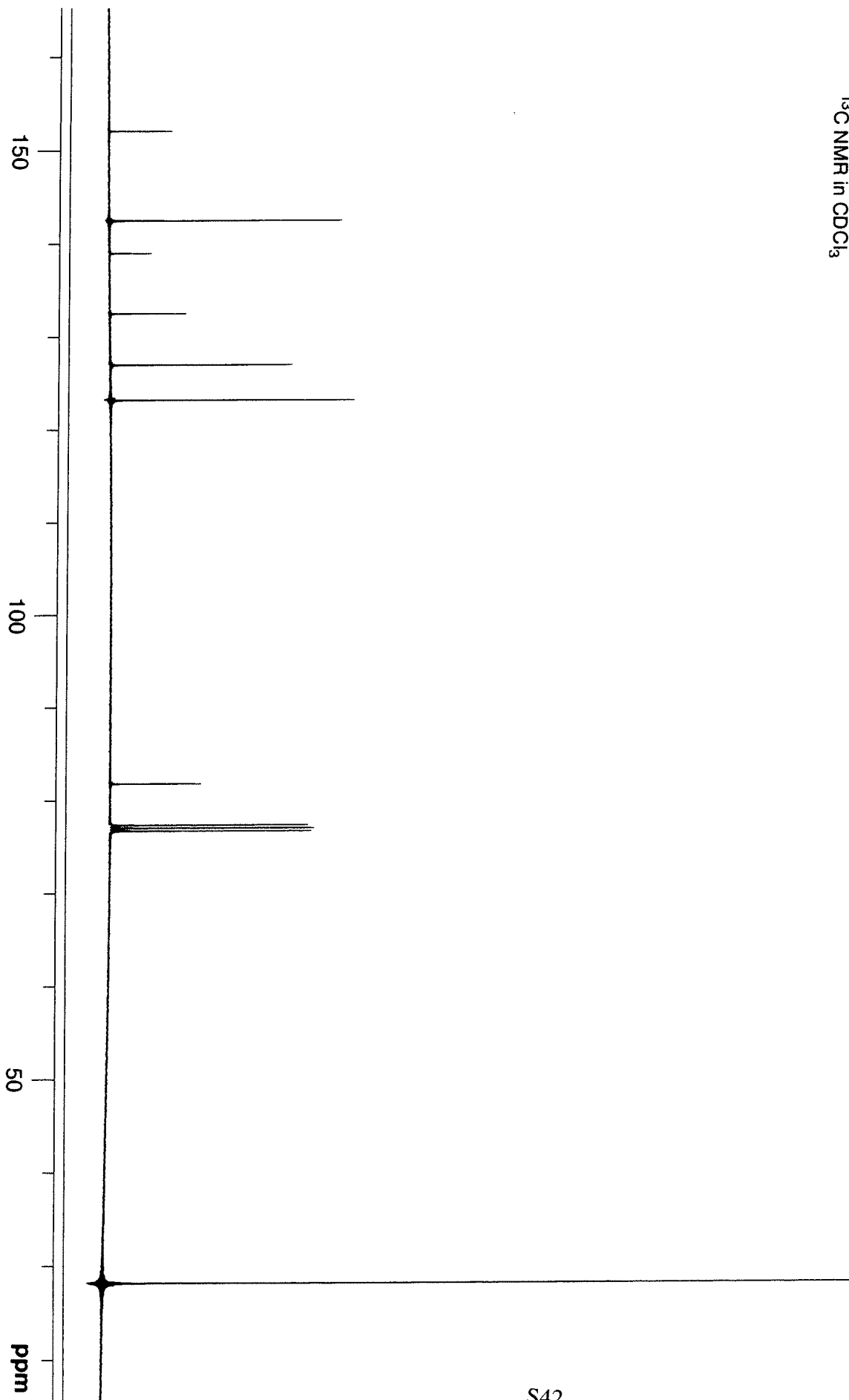


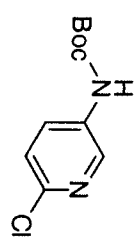
¹H NMR in CDCl₃



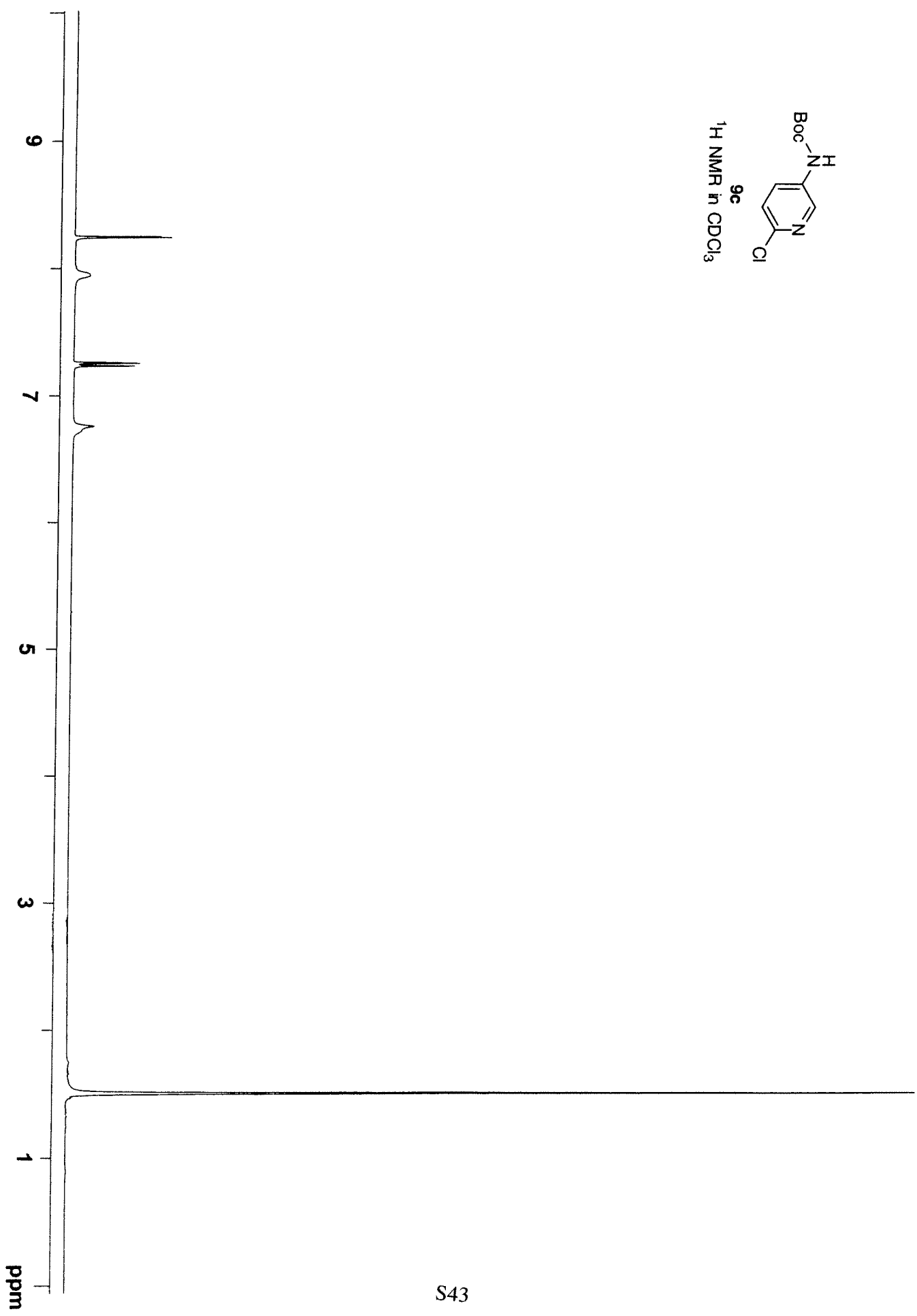


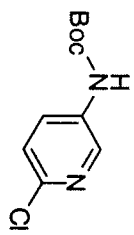
^{13}C NMR in CDCl_3



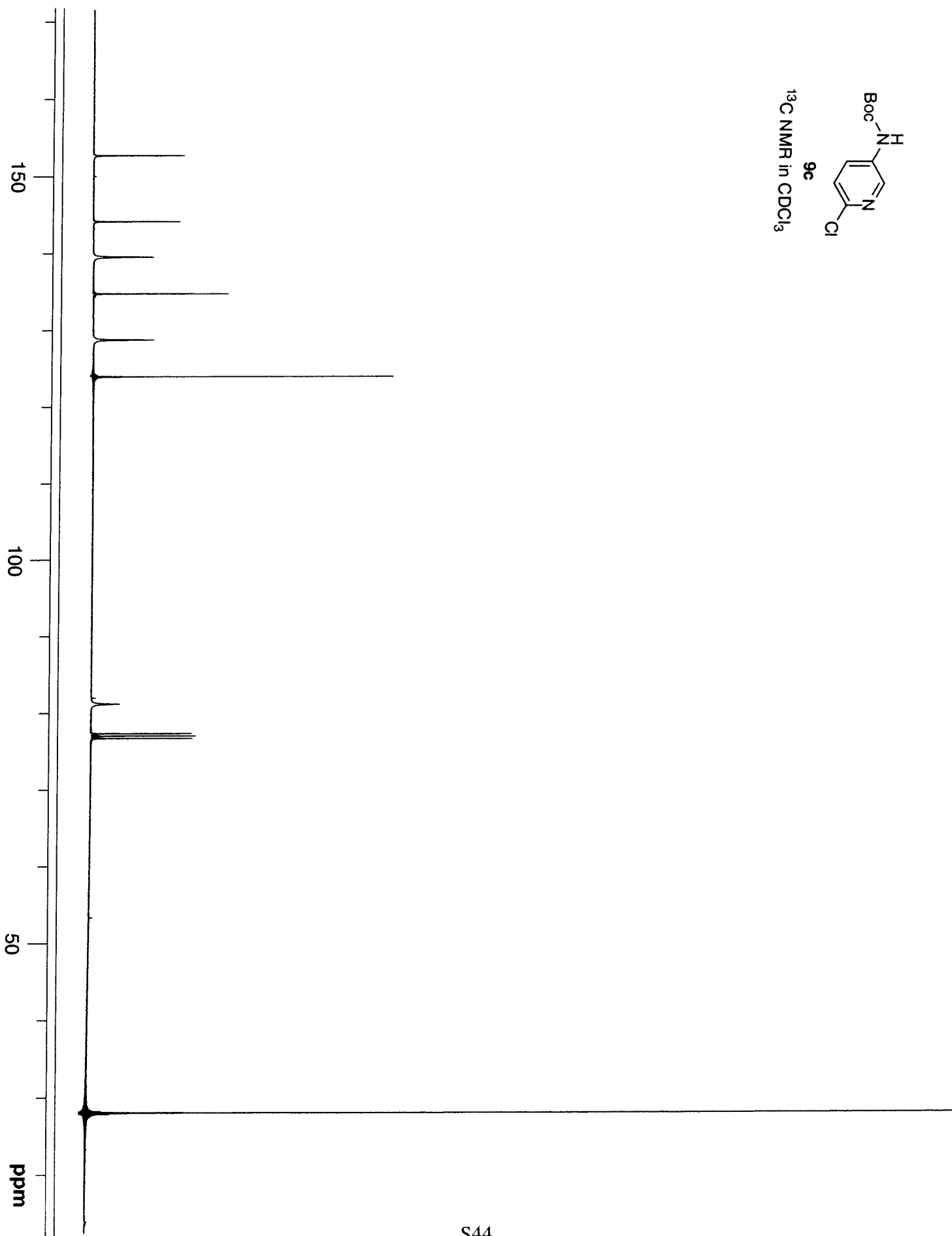


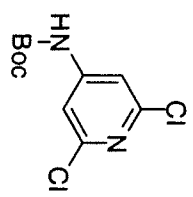
¹H NMR in CDCl₃



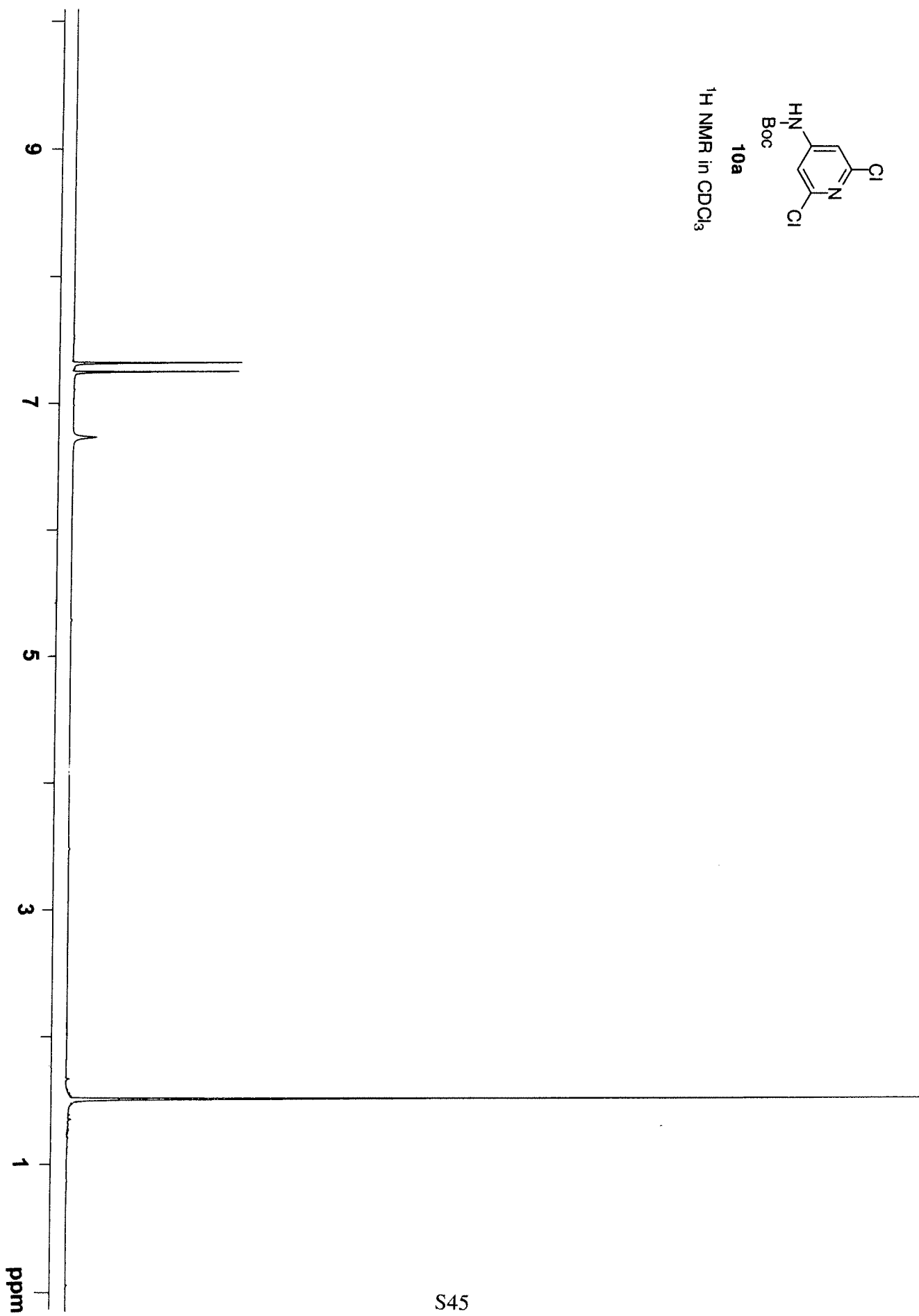


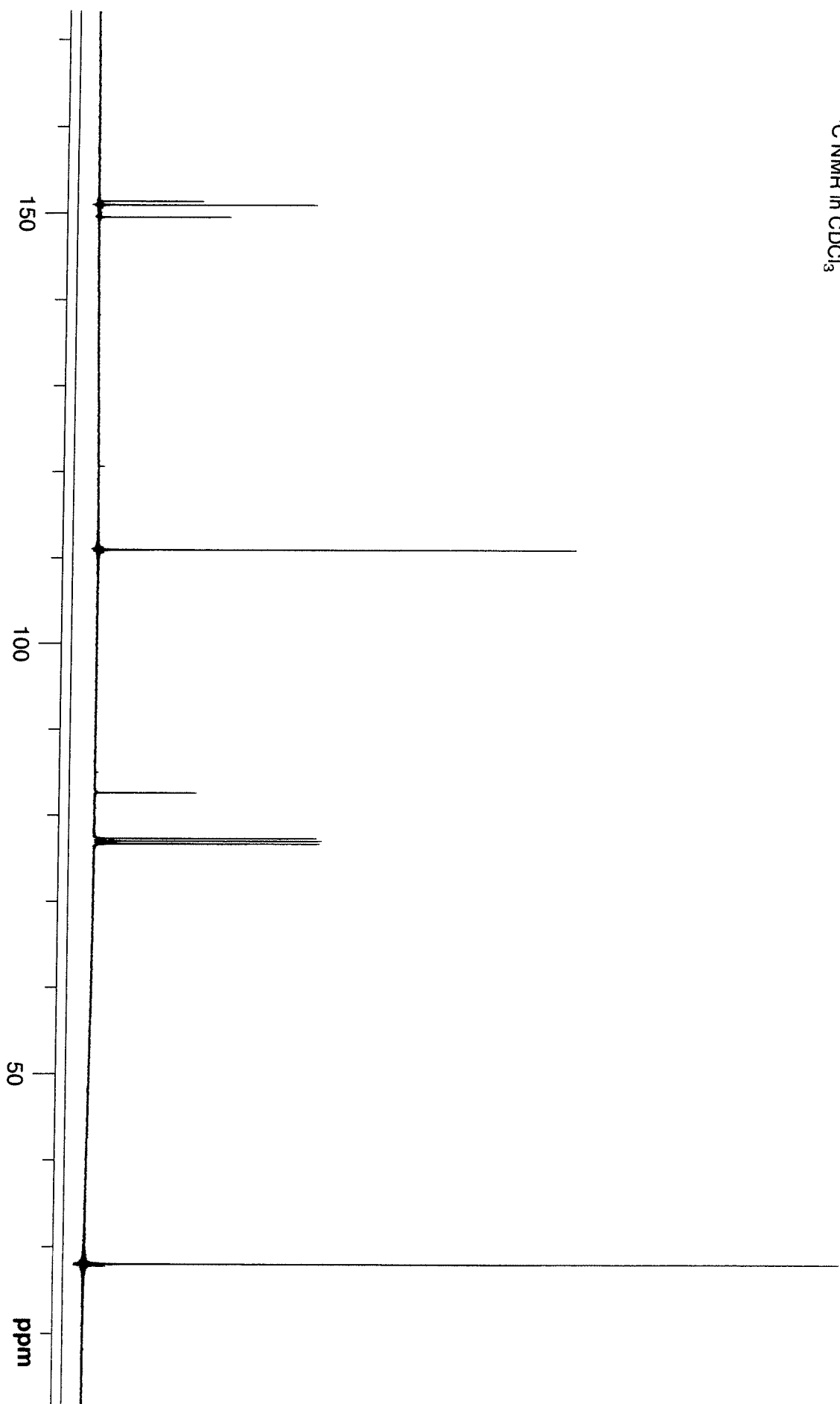
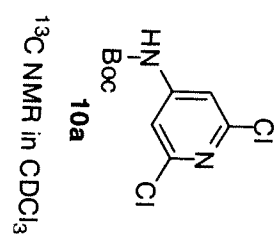
^{13}C NMR in CDCl_3

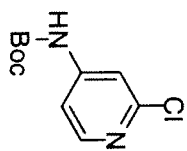




¹H NMR in CDCl₃

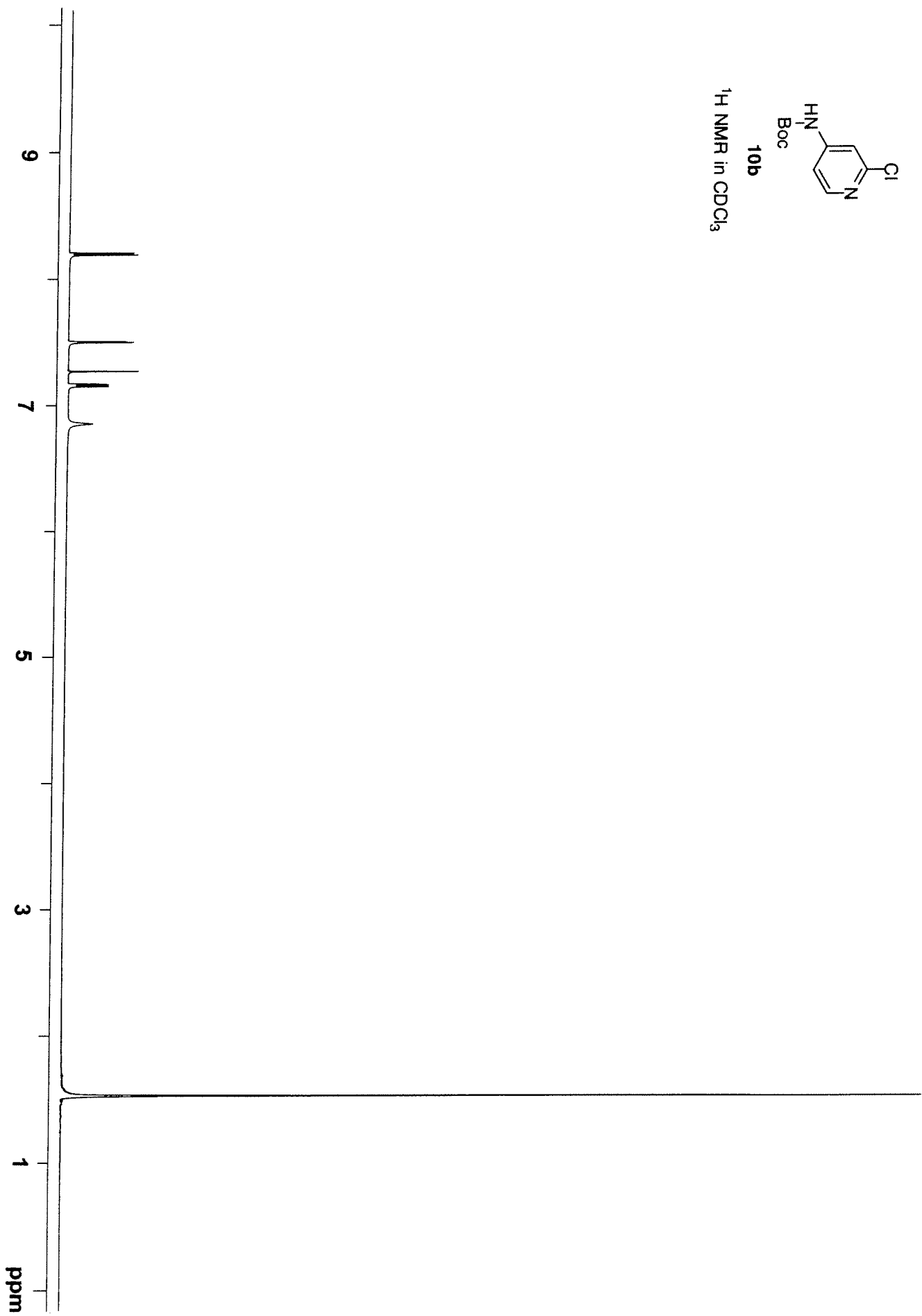


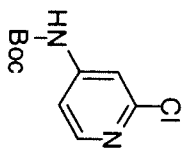




10b

^1H NMR in CDCl_3





10b

^{13}C NMR in CDCl_3

