

[BIS(TRIFLUOROACETOXY)IODO]*p*-NITROBENZENE AND
 [BIS(TRIFLUOROACETOXY)IODO]PENTAFLUOROBENZENE AS LEAD REAGENTS FOR THE
 DIRECT RING CONTRACTION OF LACTAMS TO PYRROLIDINES.

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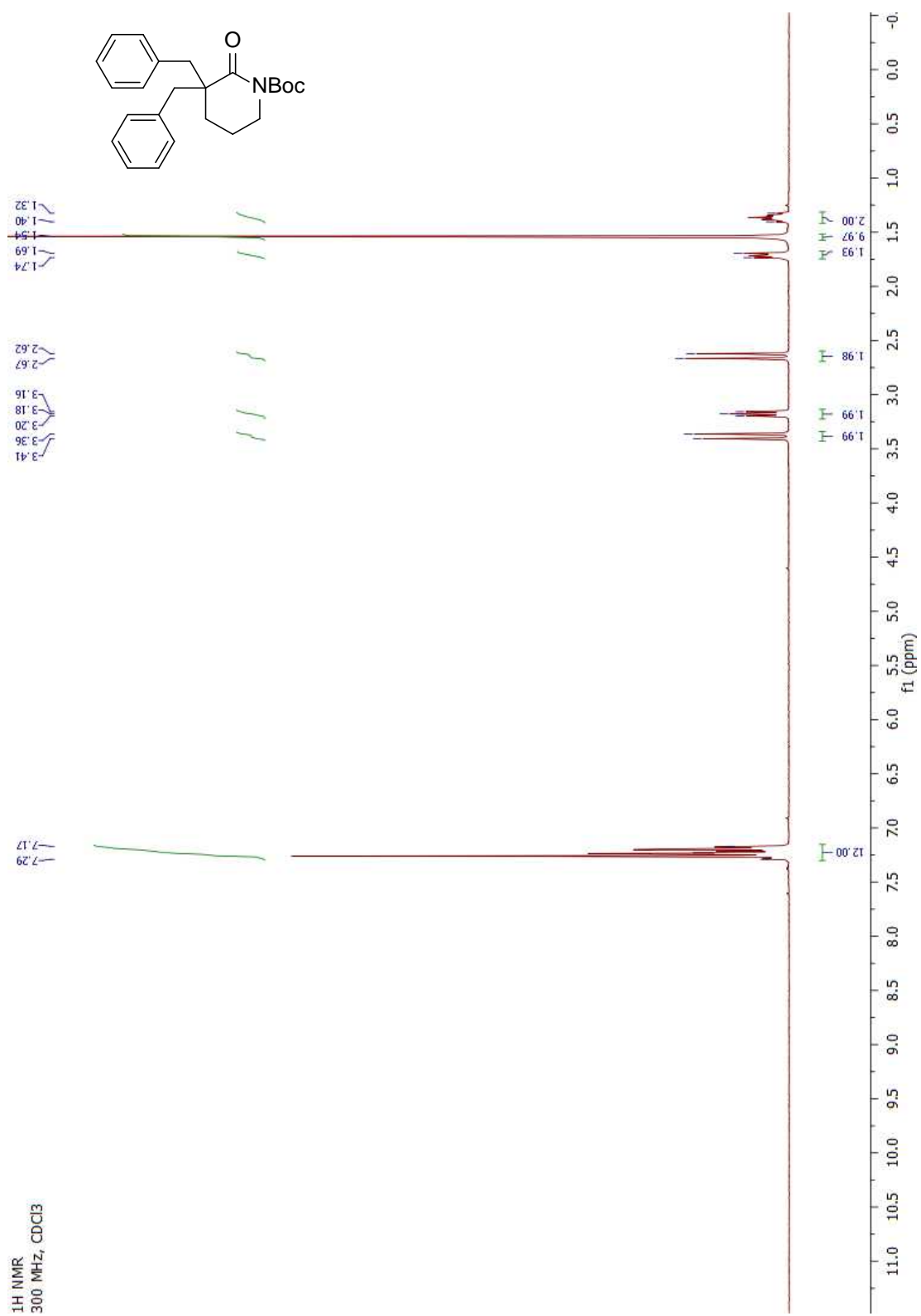
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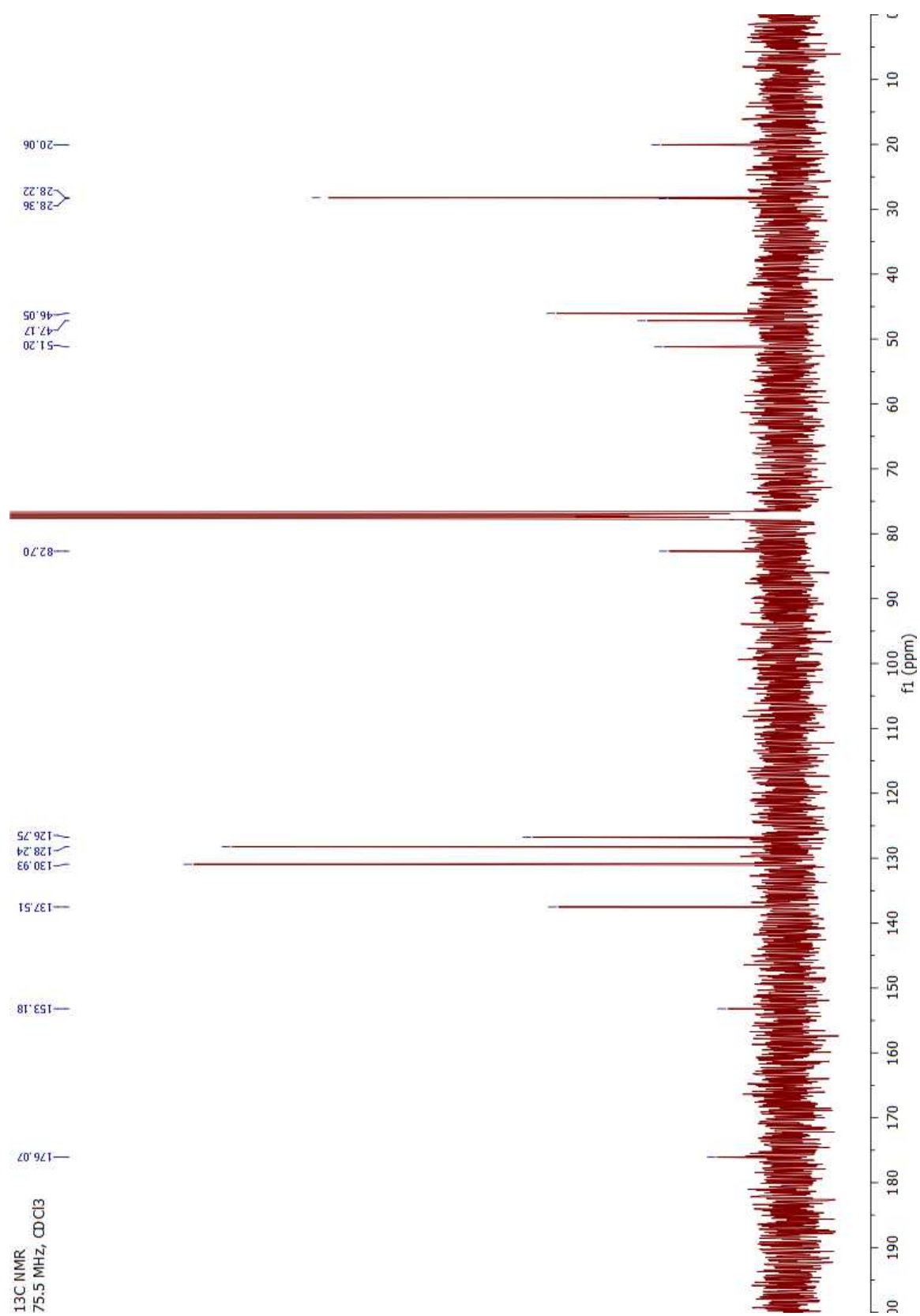
Supporting Information

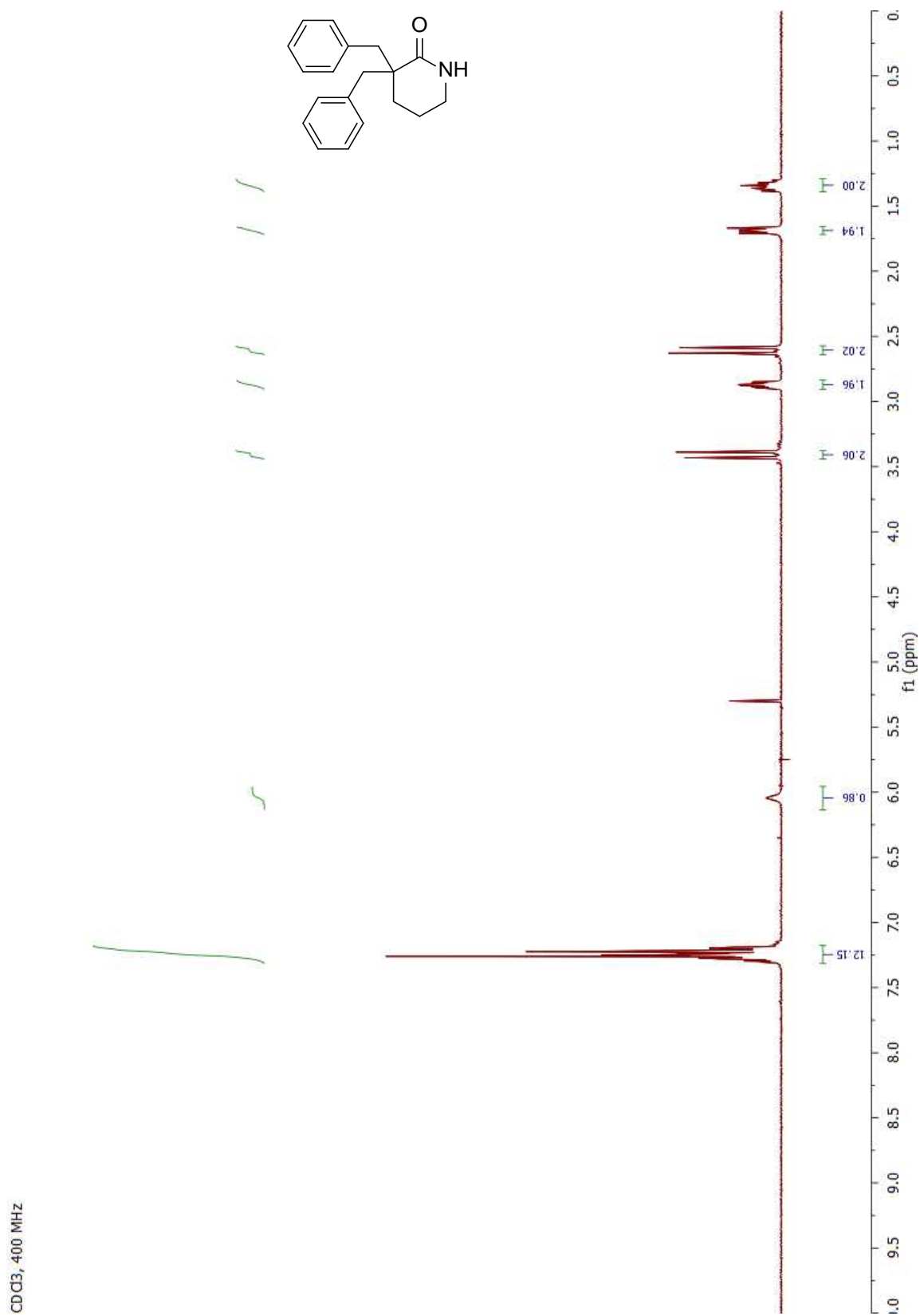
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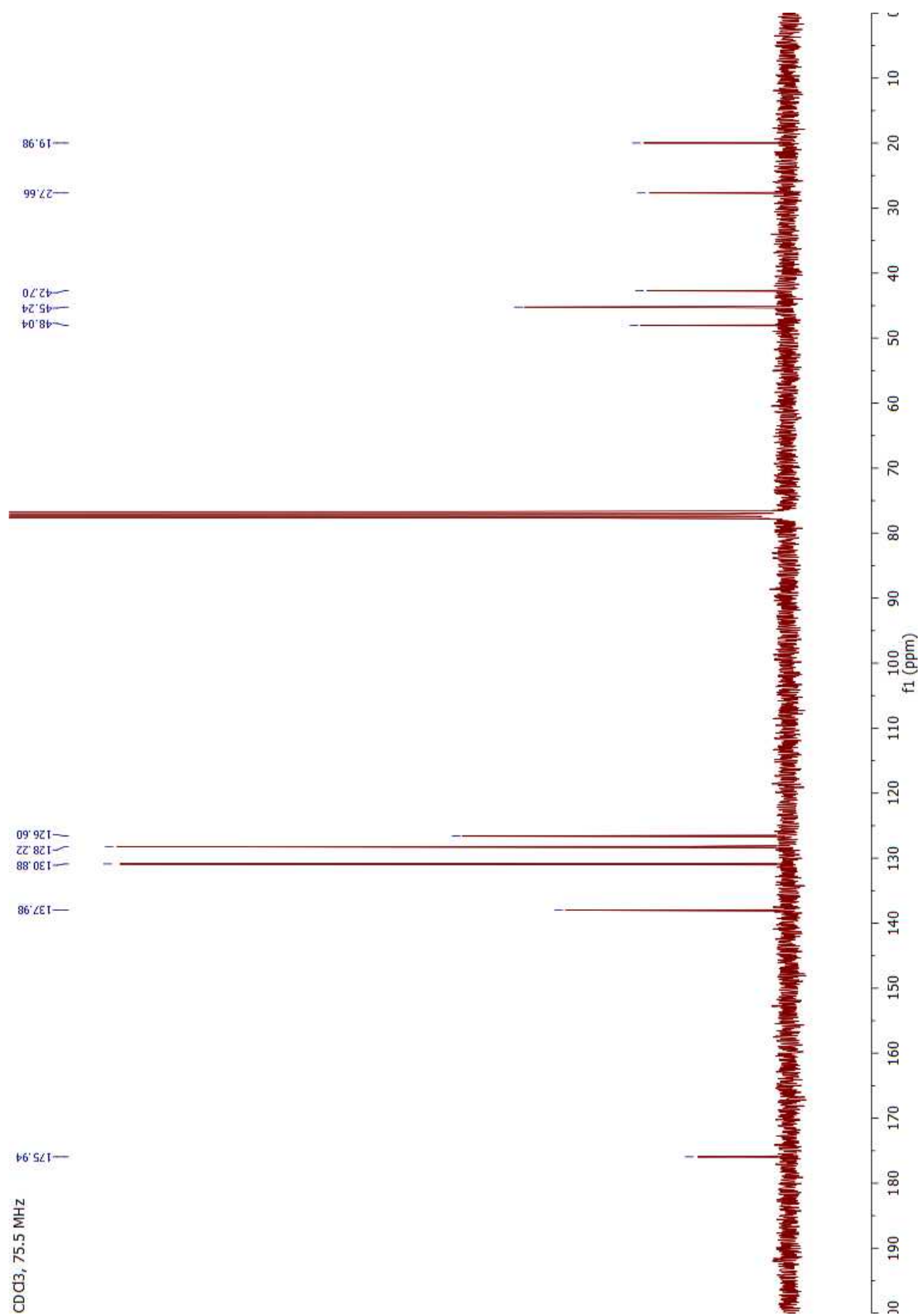
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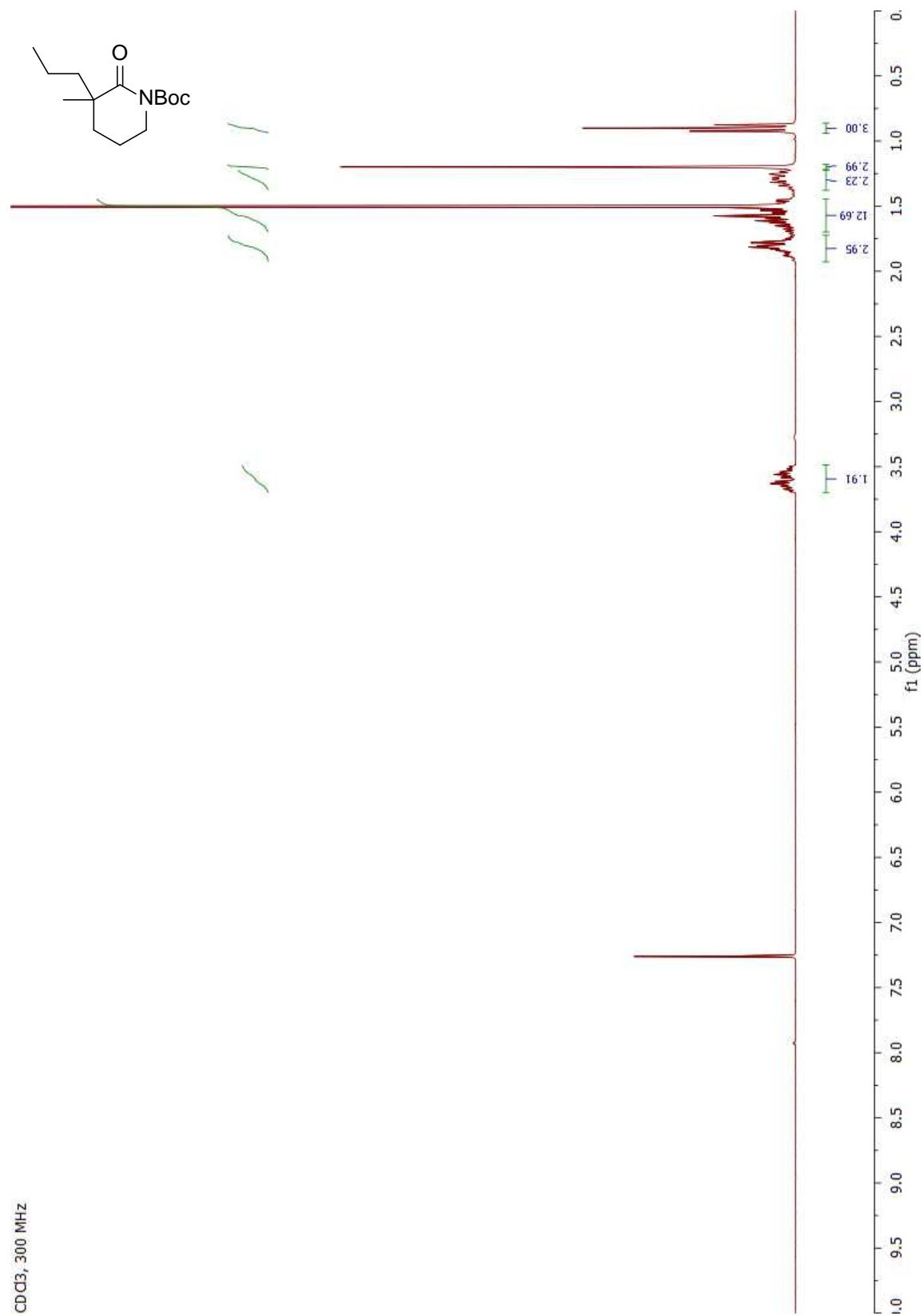
^1H , ^{13}C and ^{19}F NMR SPECTRA

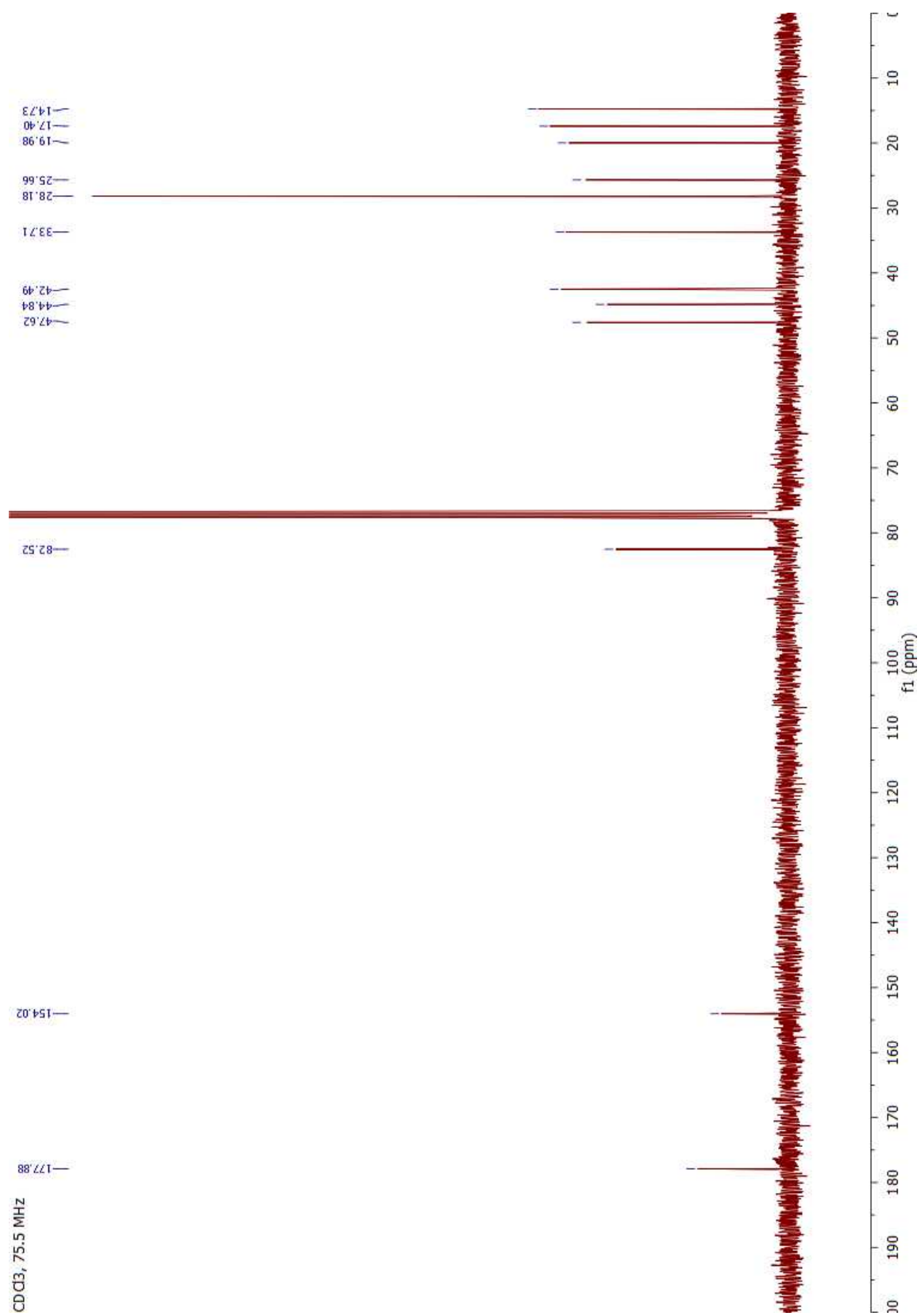
¹H NMR of *t*-Butyl 3,3-dibenzyl-2-oxopiperidine-1-carboxylate (34)

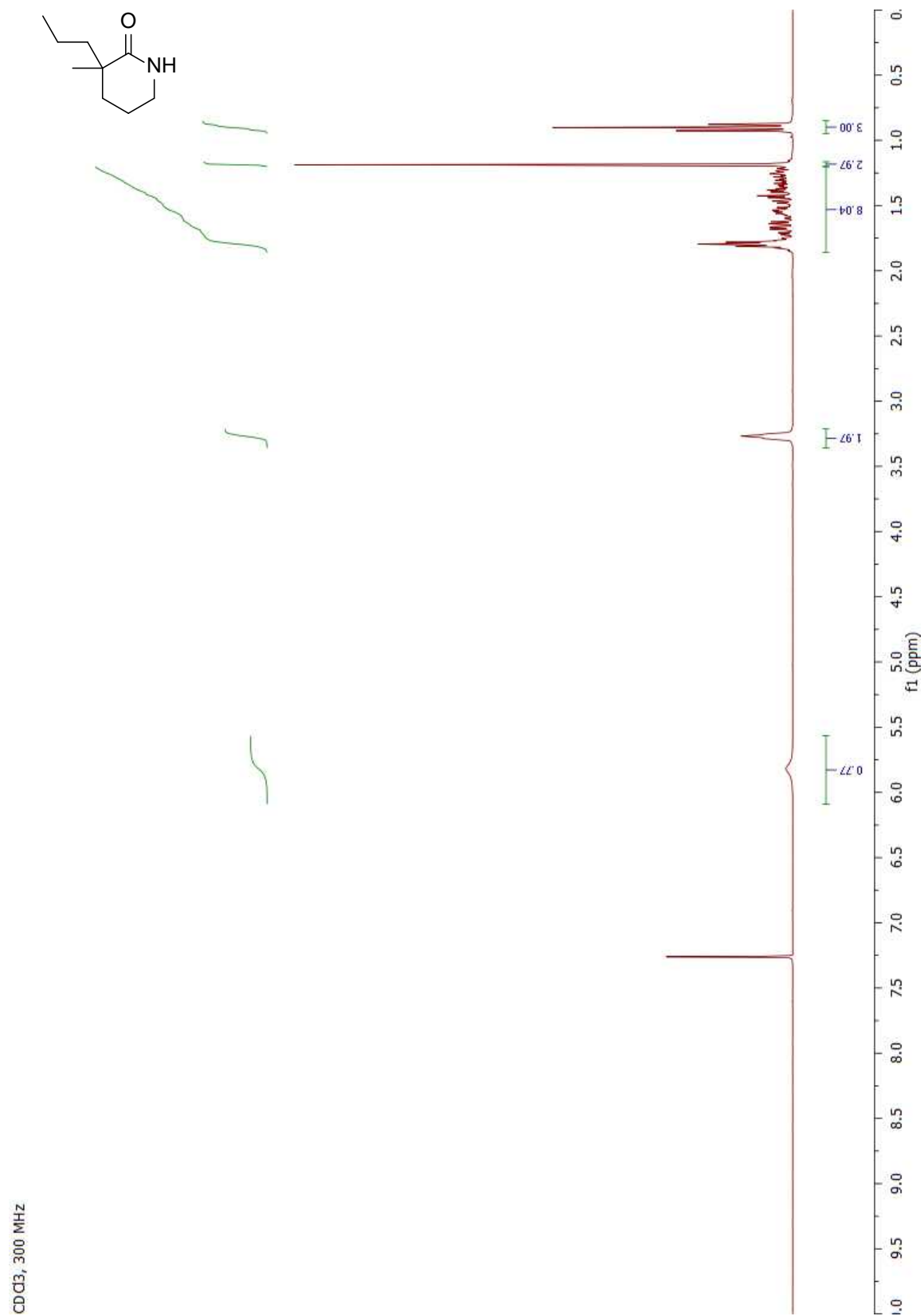
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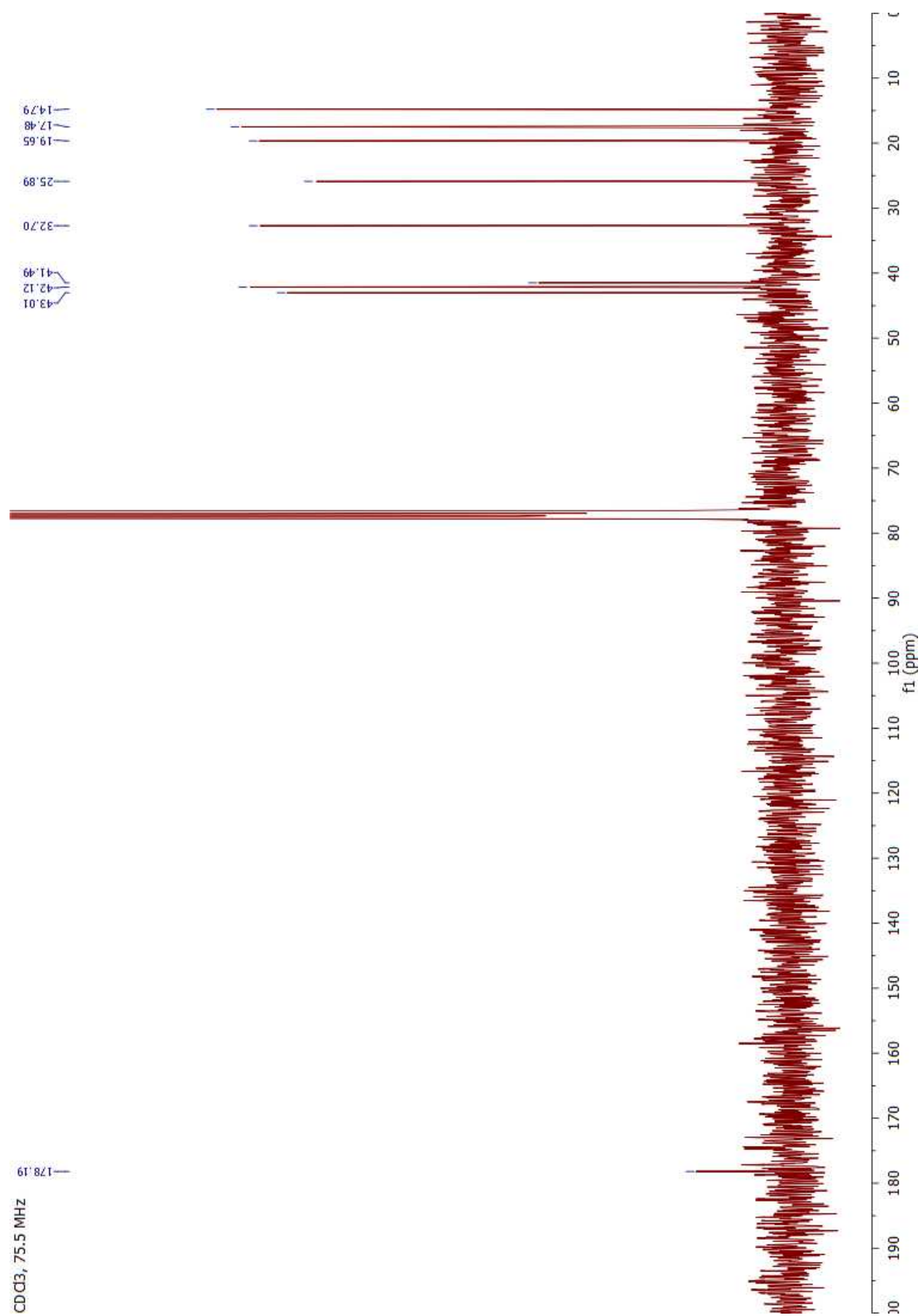
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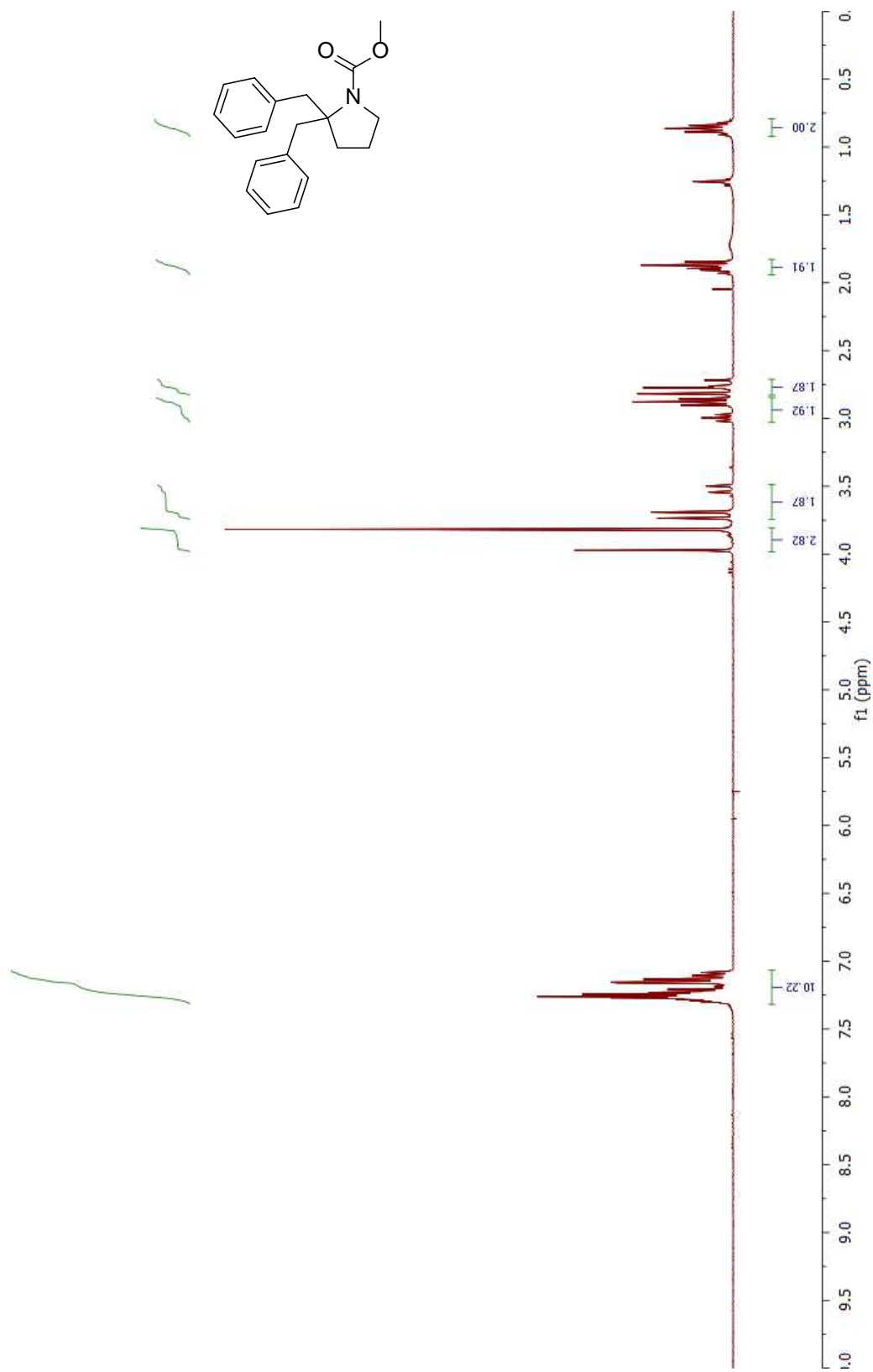
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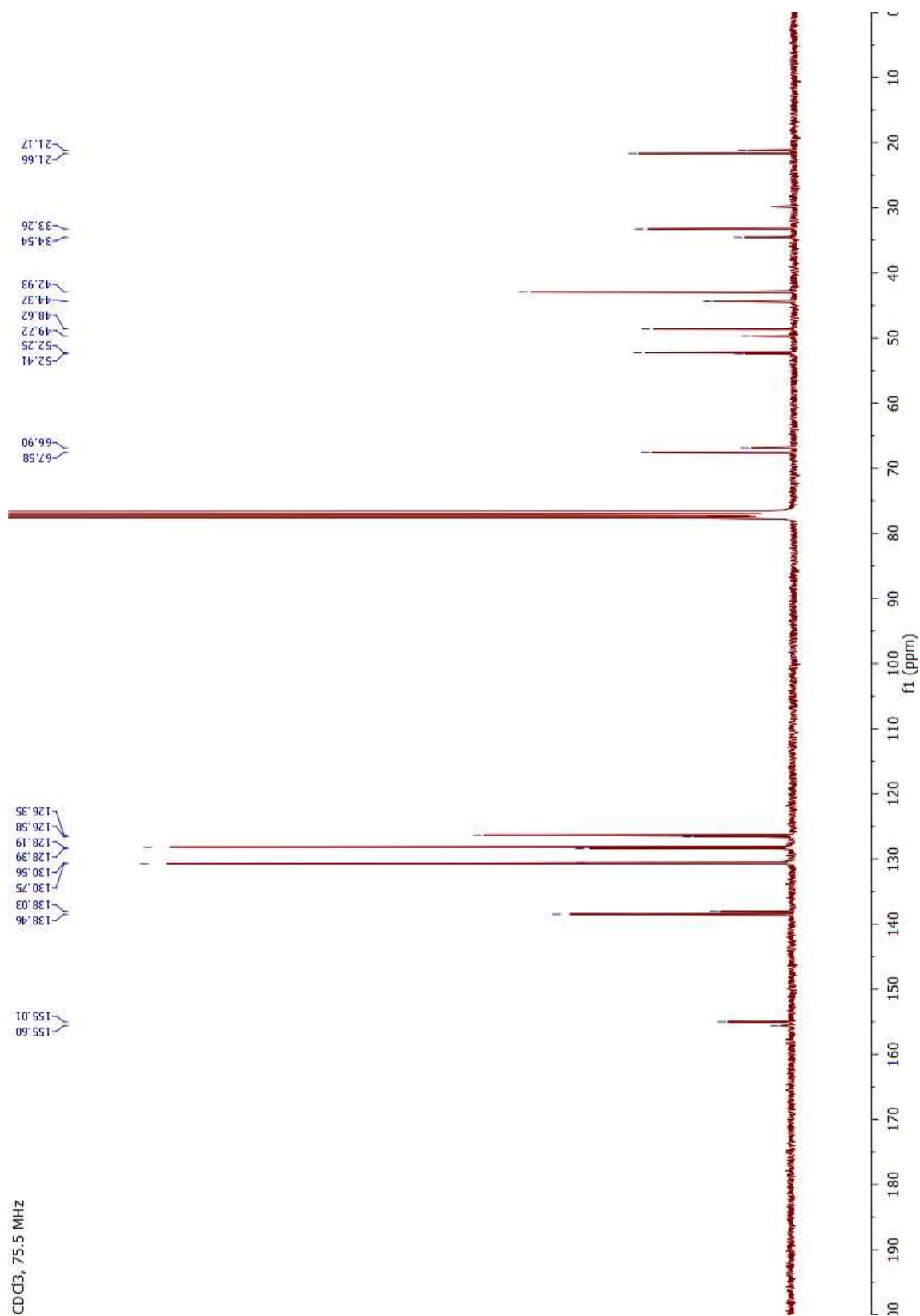
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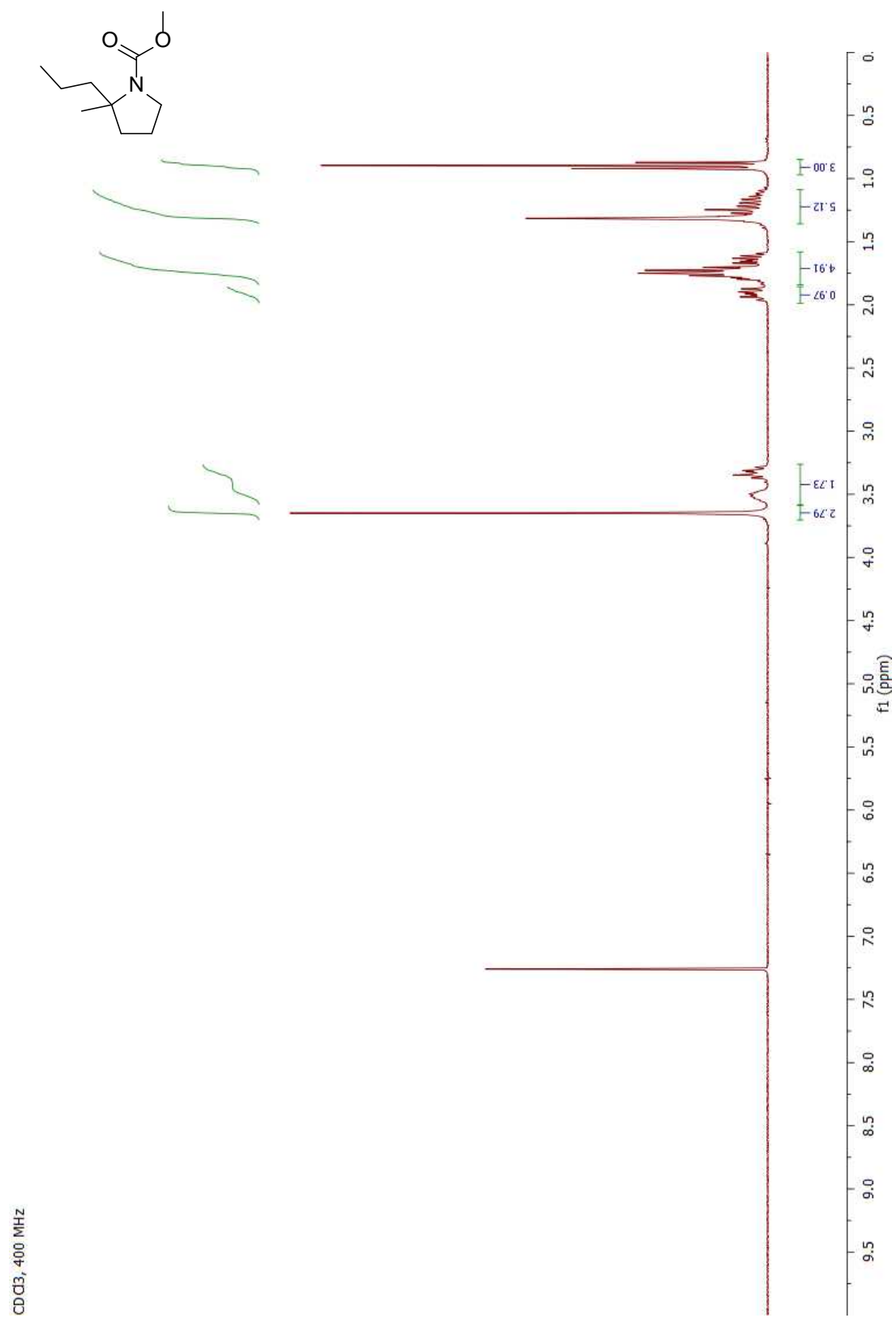
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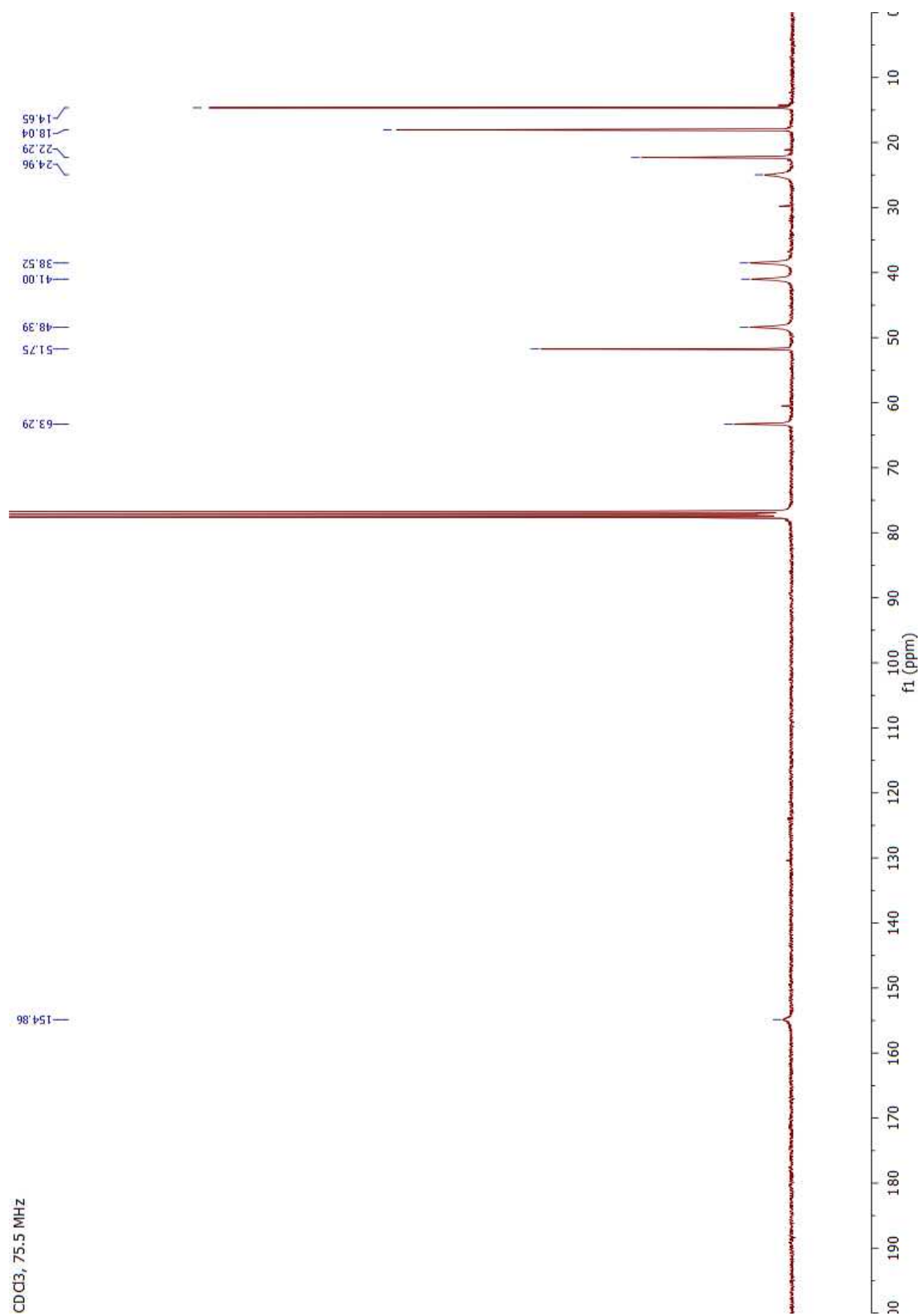
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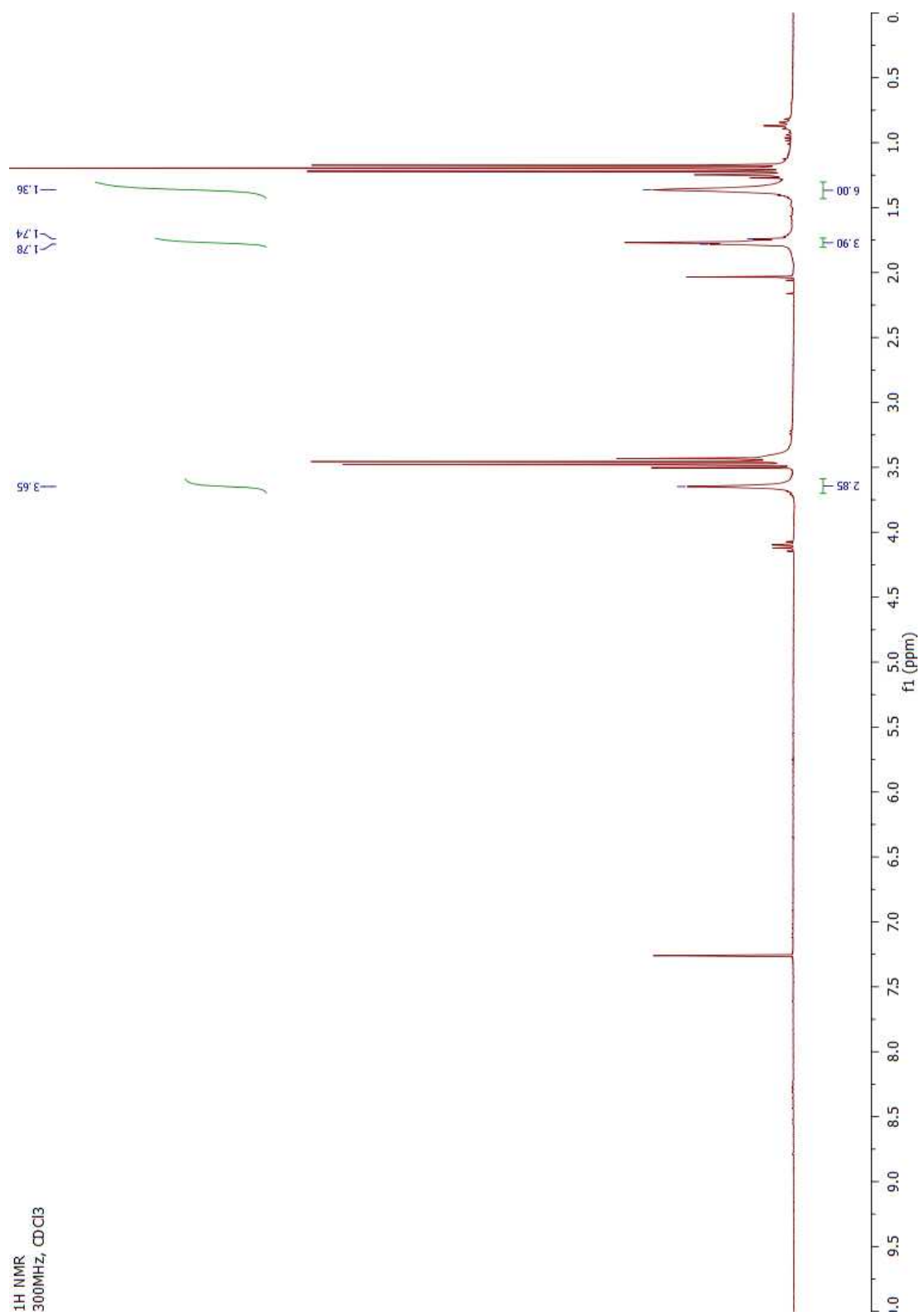
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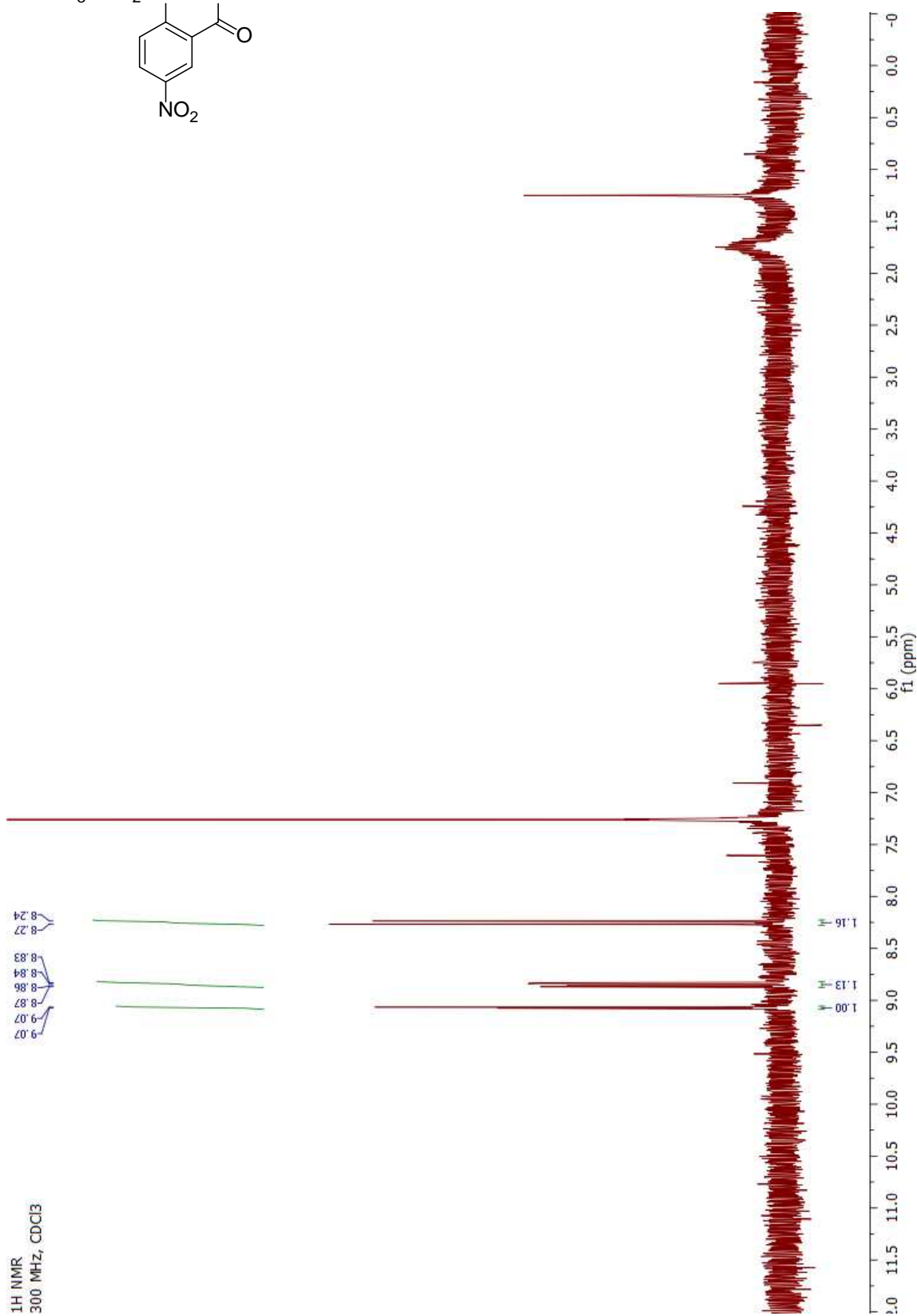
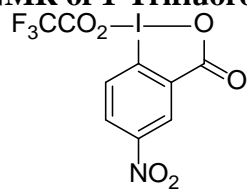
^1H NMR of Methyl 2,2-dibenzylpyrrolidine-1-carboxylate (3b)CDCl₃, 300 MHz

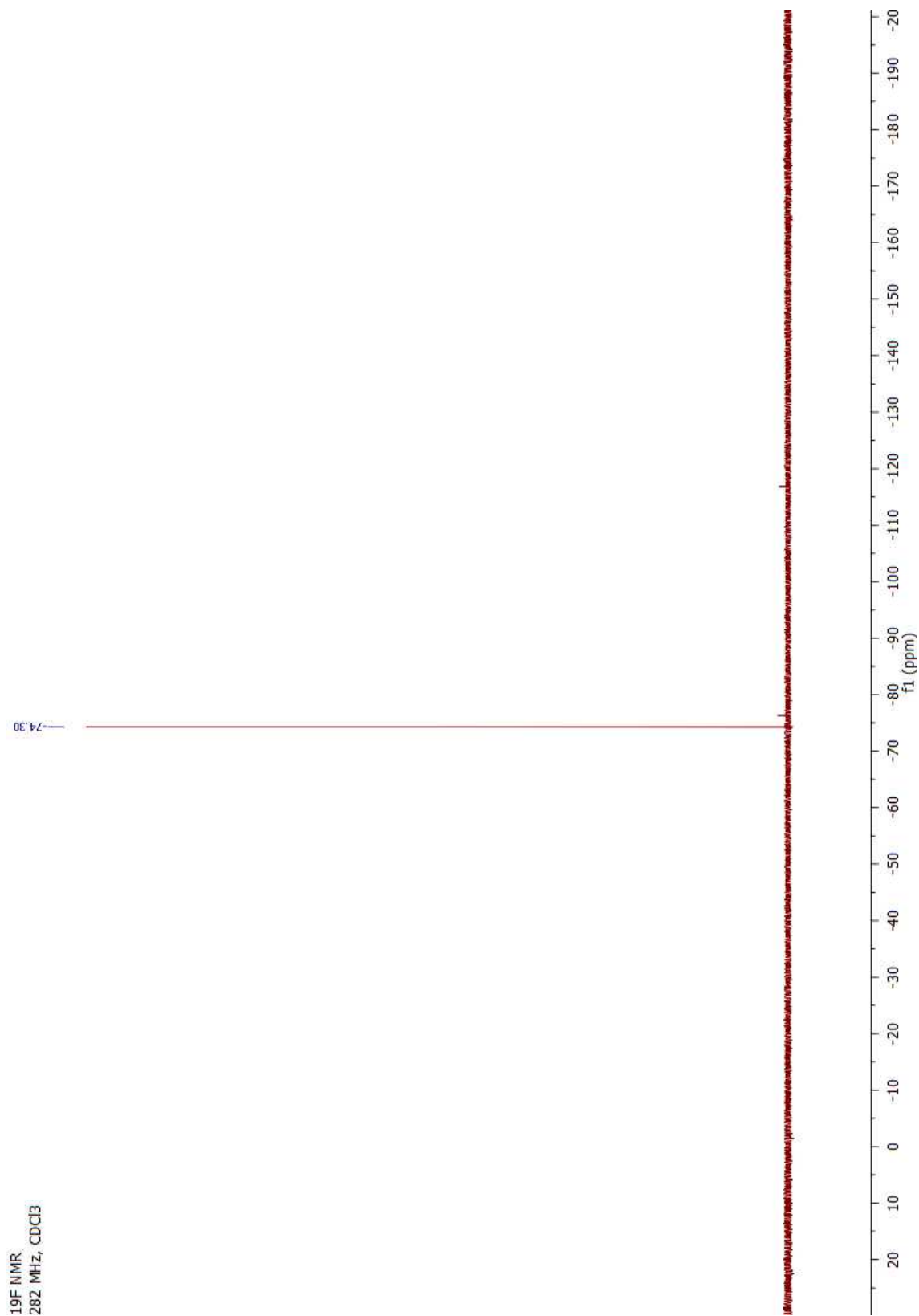
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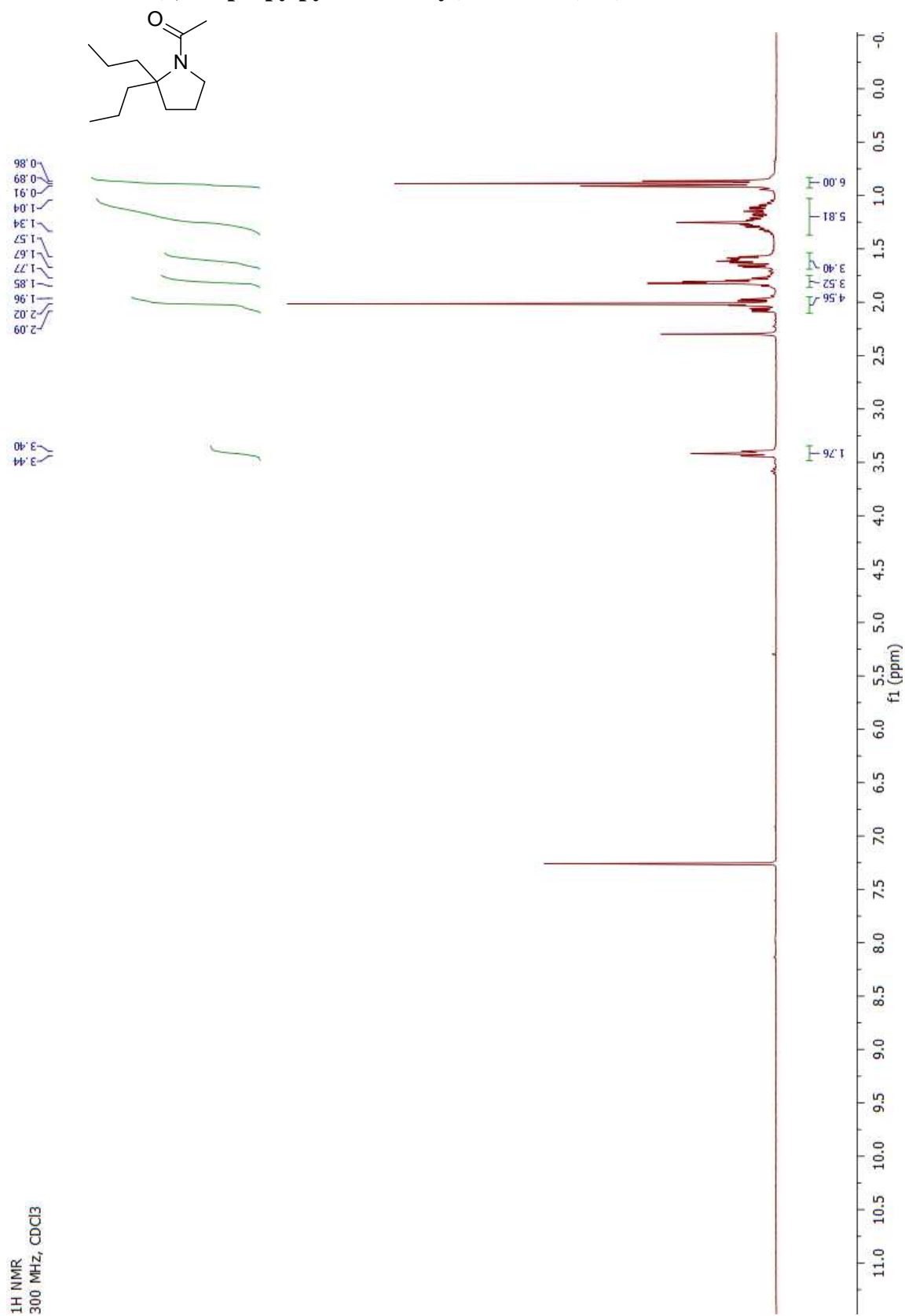
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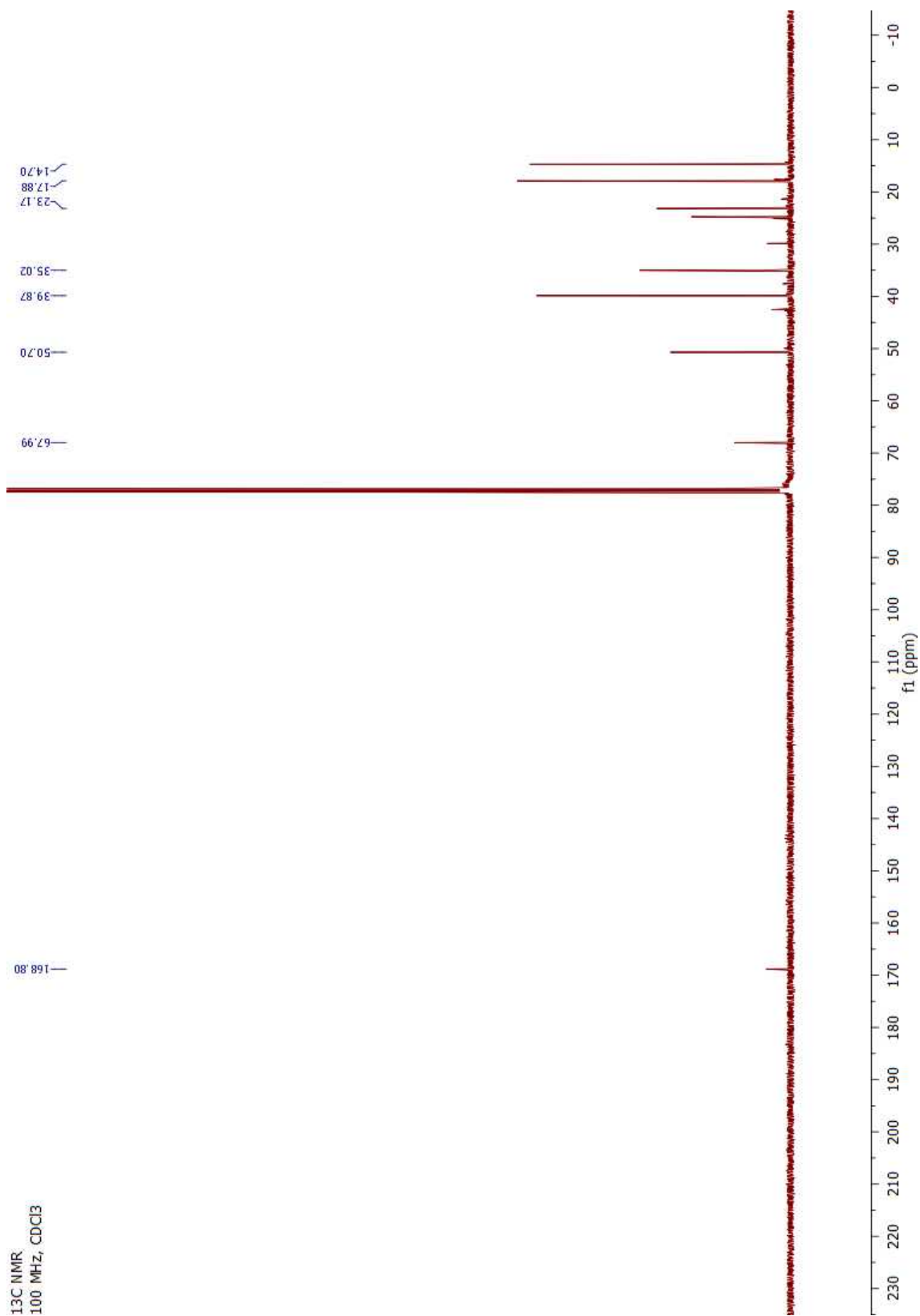
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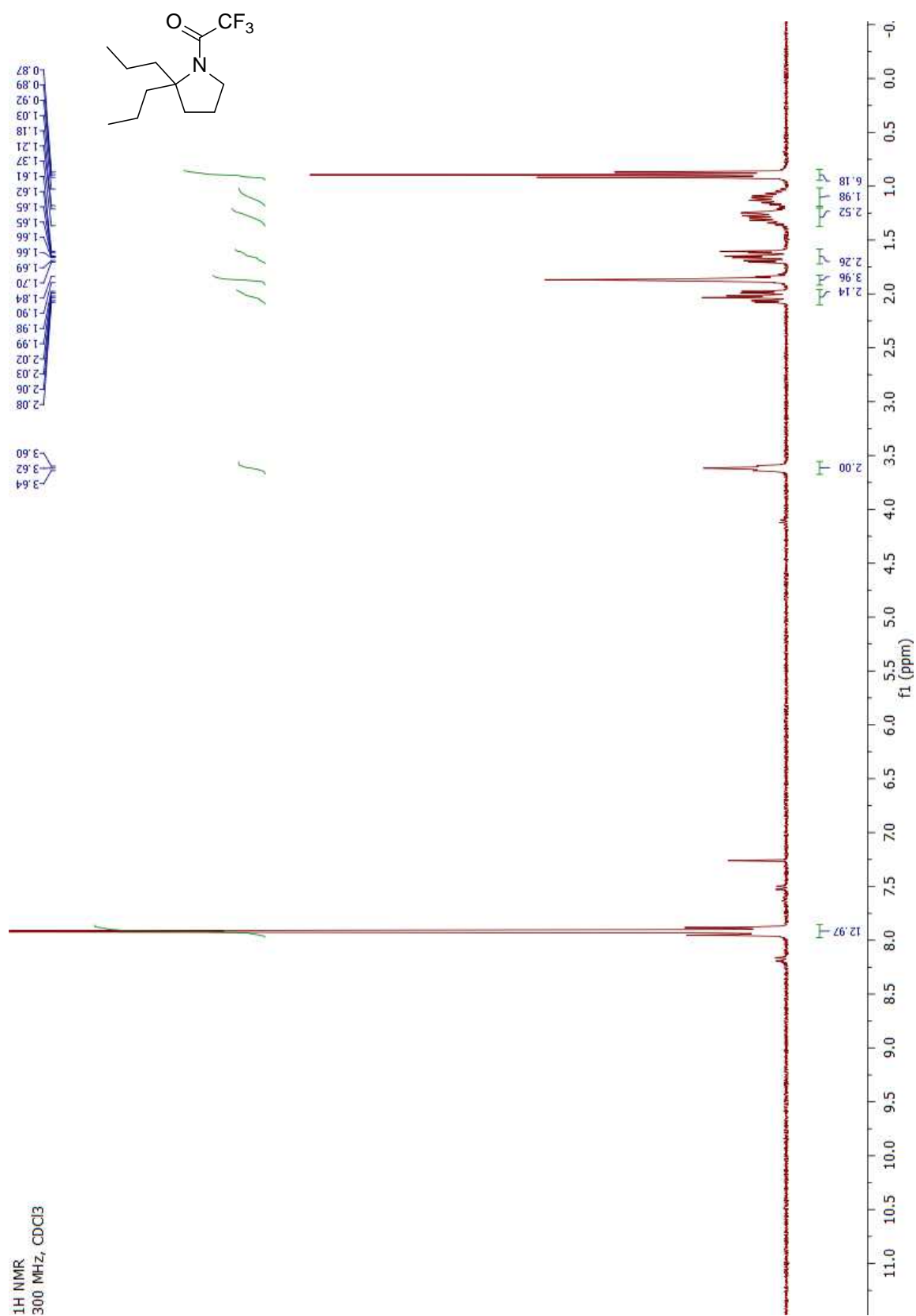
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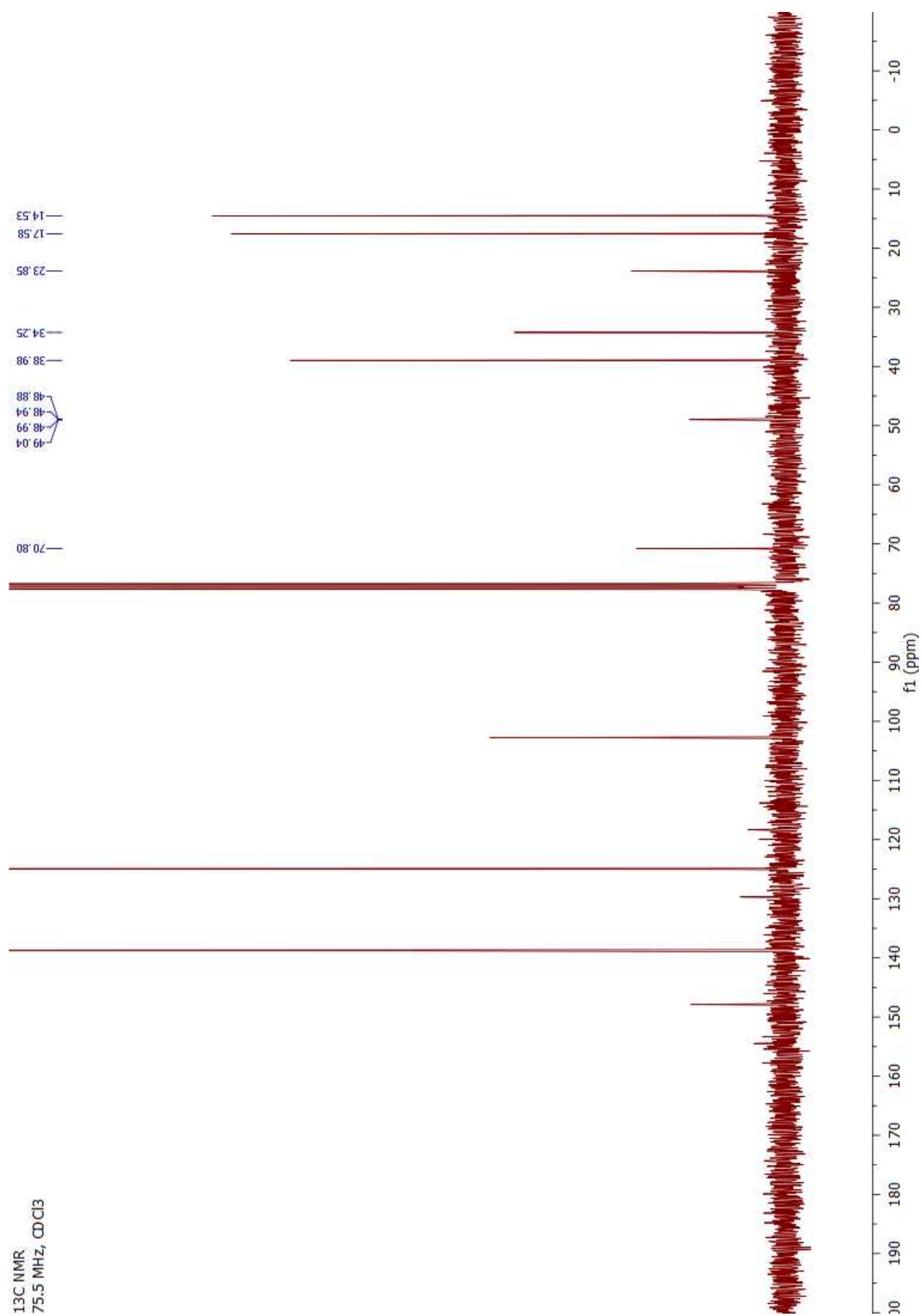
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^{19}F NMR of 1-trifluoroacetoxy-5-nitro-1,2-benziodoxole-3(1*H*)-one (29c)

^1H NMR of 1-(2,2-Dipropylpyrrolidin-1-yl)ethanone (33a)

^{13}C NMR of 1-(2,2-Dipropylpyrrolidin-1-yl)ethanone (33a)

¹H NMR of 1-(2,2-Dipropylpyrrolidin-1-yl)-2,2,2-trifluoroethanone (33b)

^{13}C NMR of 1-(2,2-Dipropylpyrrolidin-1-yl)-2,2,2-trifluoroethanone (33b)

^{19}F NMR of 1-(2,2-Dipropylpyrrolidin-1-yl)-2,2,2-trifluoroethanone (33b)