**Supporting information**

# 2,2'-Biphenols via protecting group free thermal or microwave accelerated Suzuki-Miyaura coupling in water

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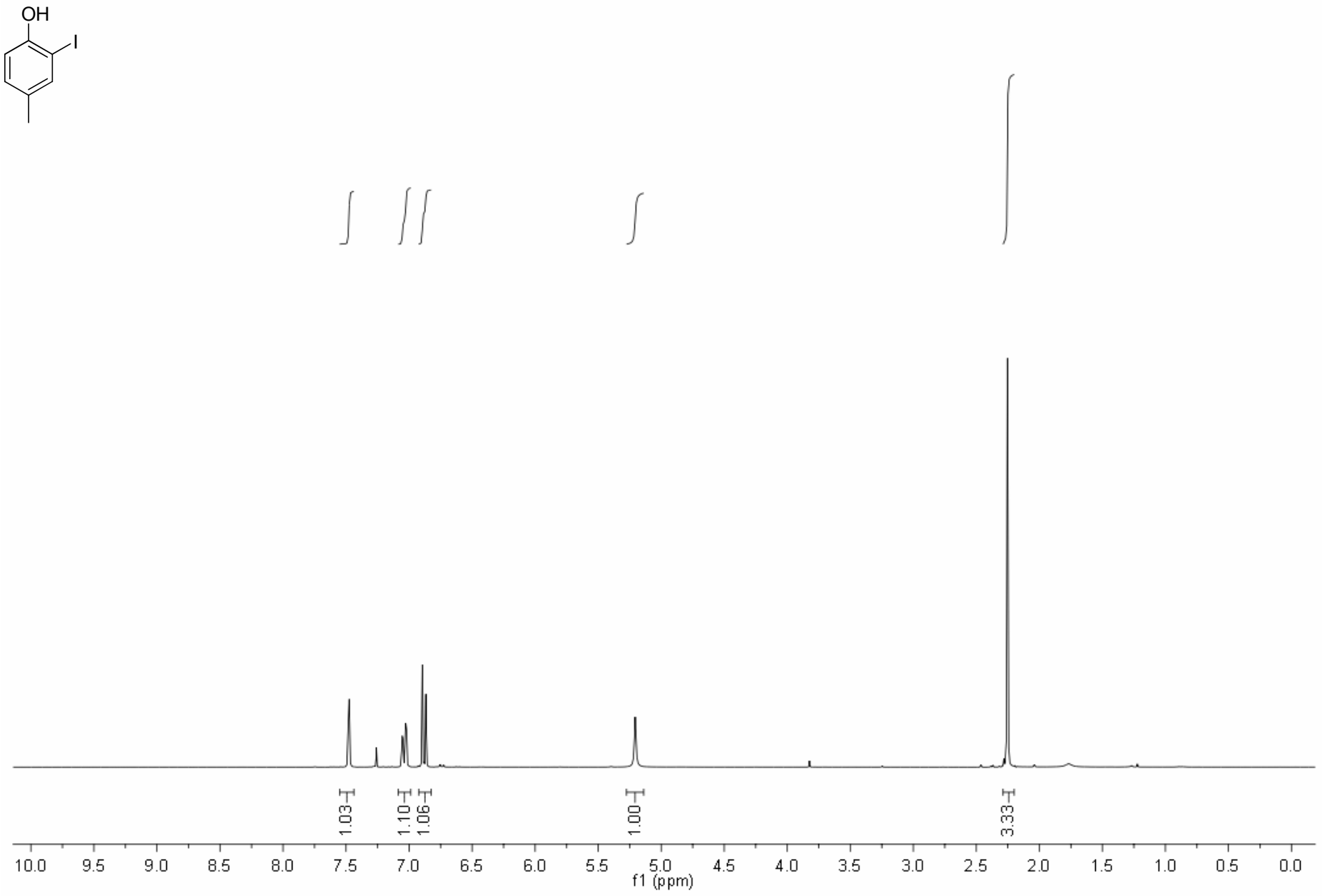
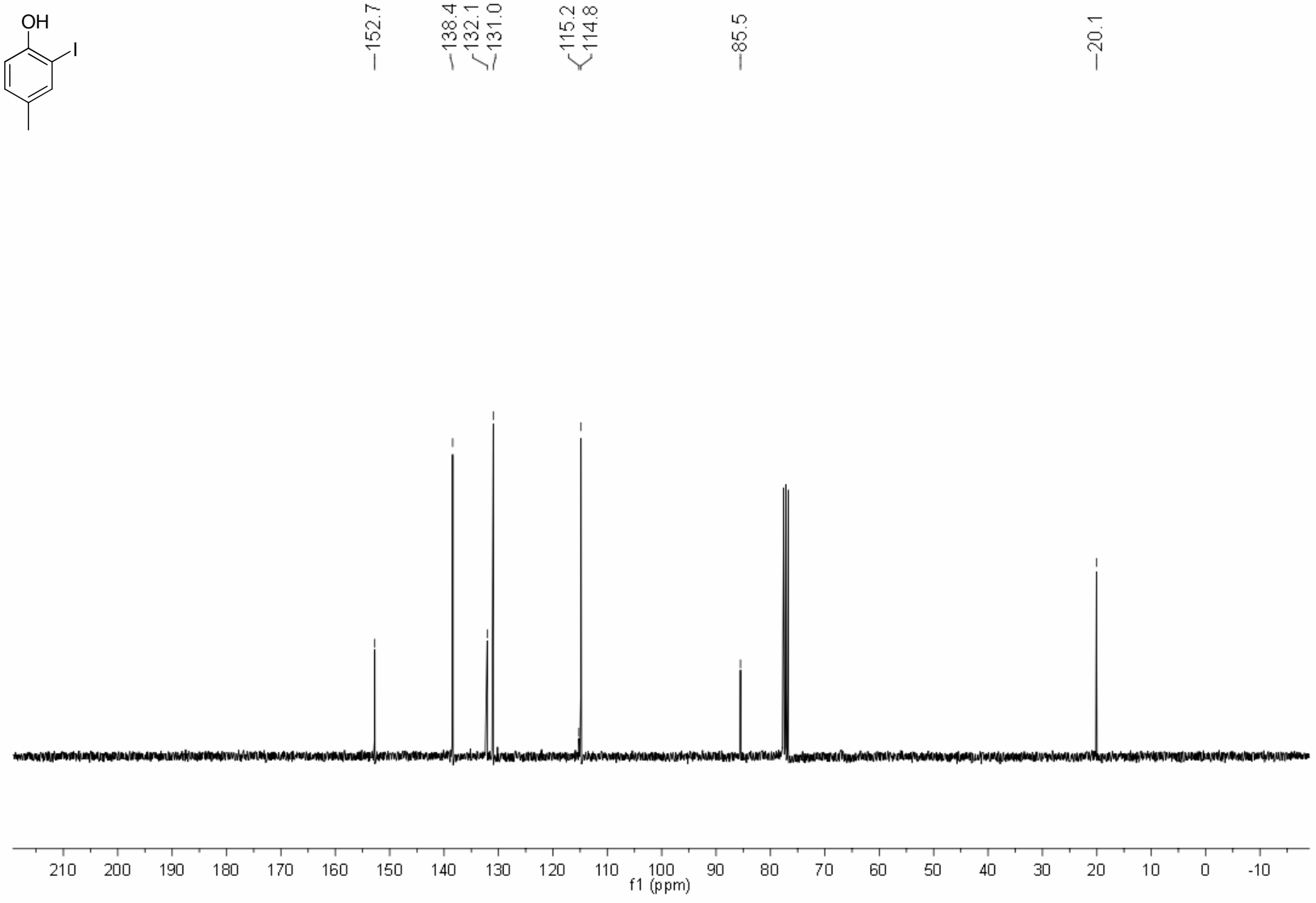
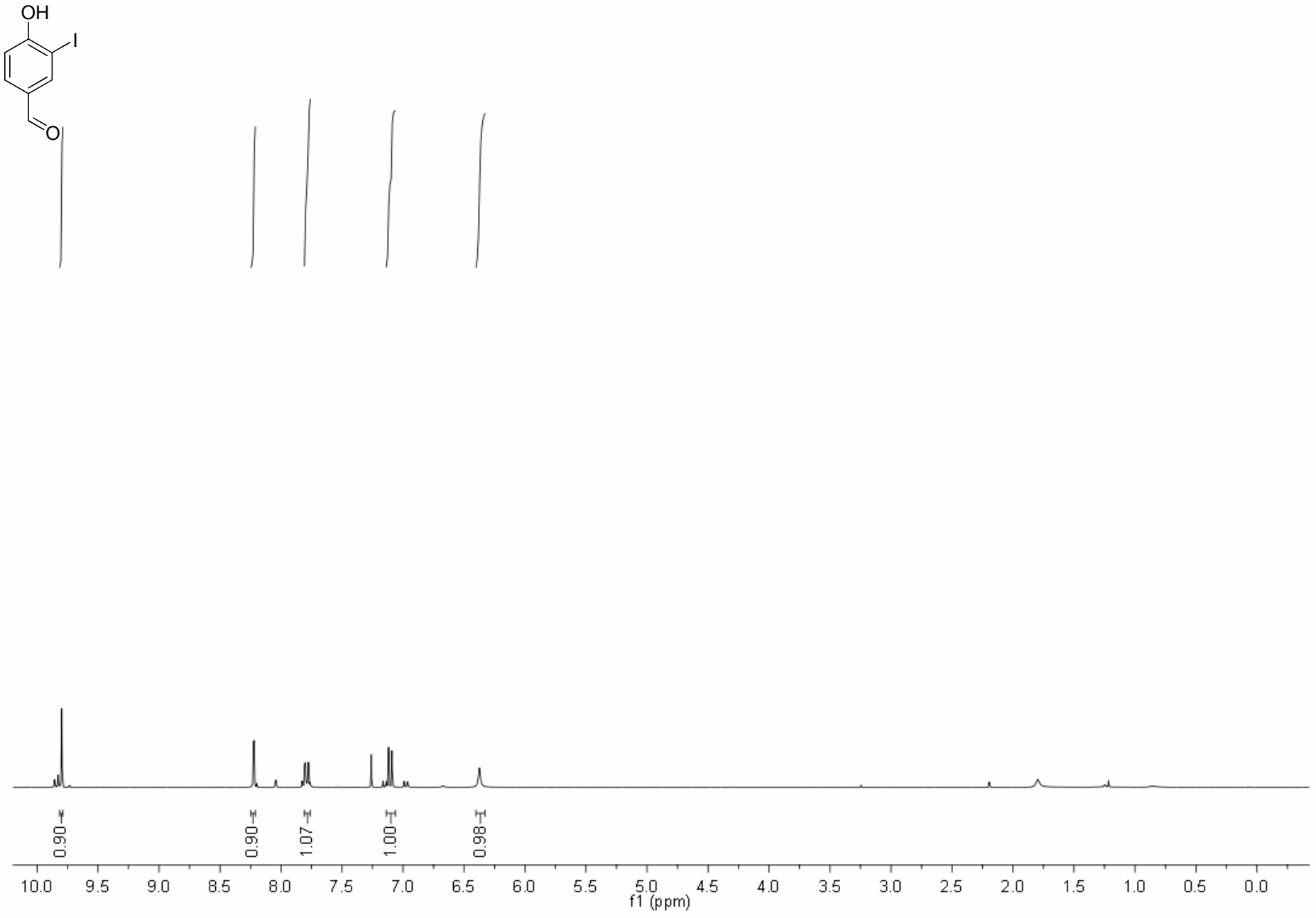
$^{1}$H NMR ($CDCl_3$, 300 MHz) of **1b**



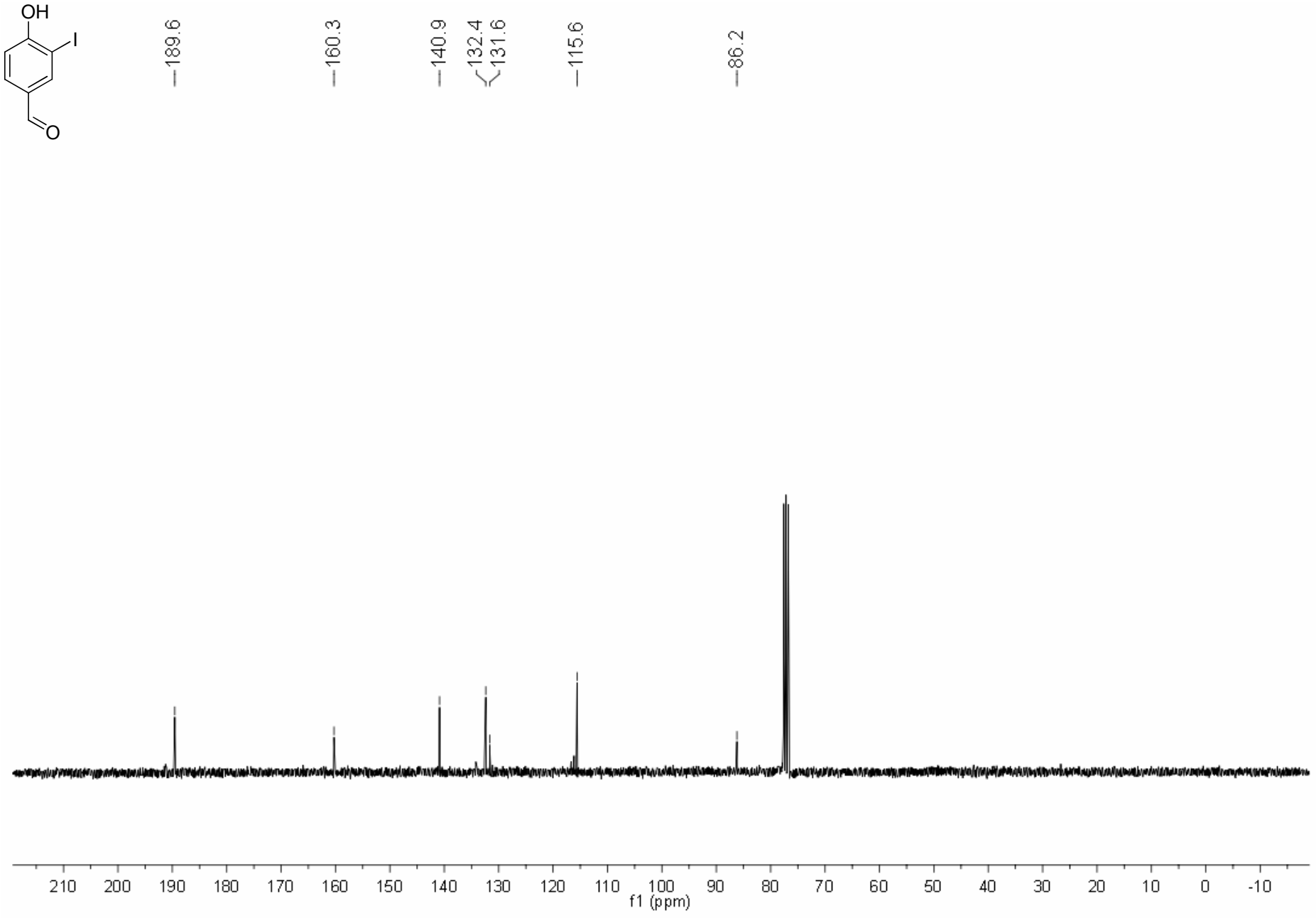
$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **1b**



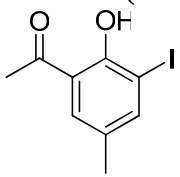
$^{1}$H NMR ($CDCl_3$, 300 MHz) of **1d**

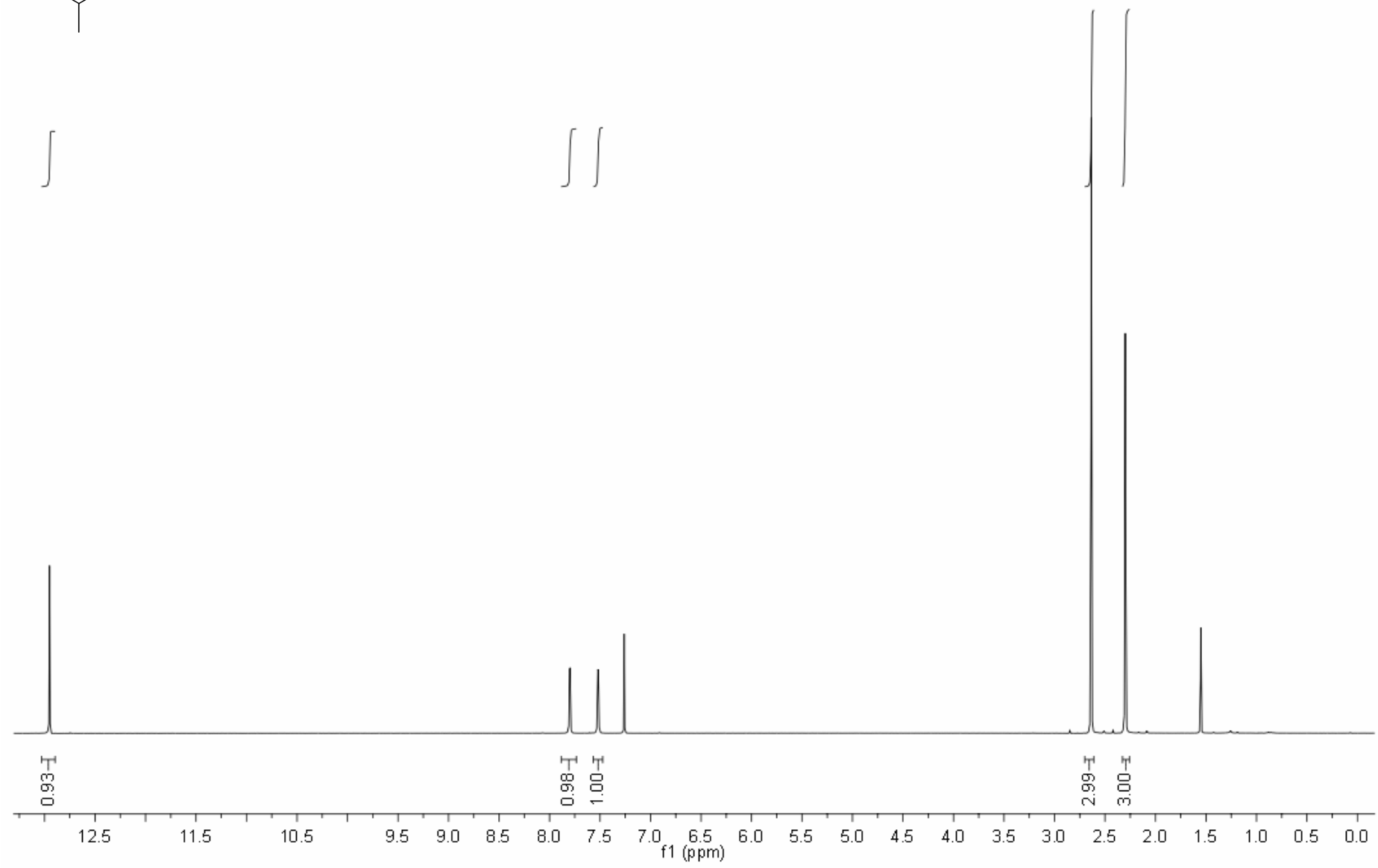


$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **1d**



$^{1}$H NMR ($CDCl_3$, 300 MHz) of **1e**



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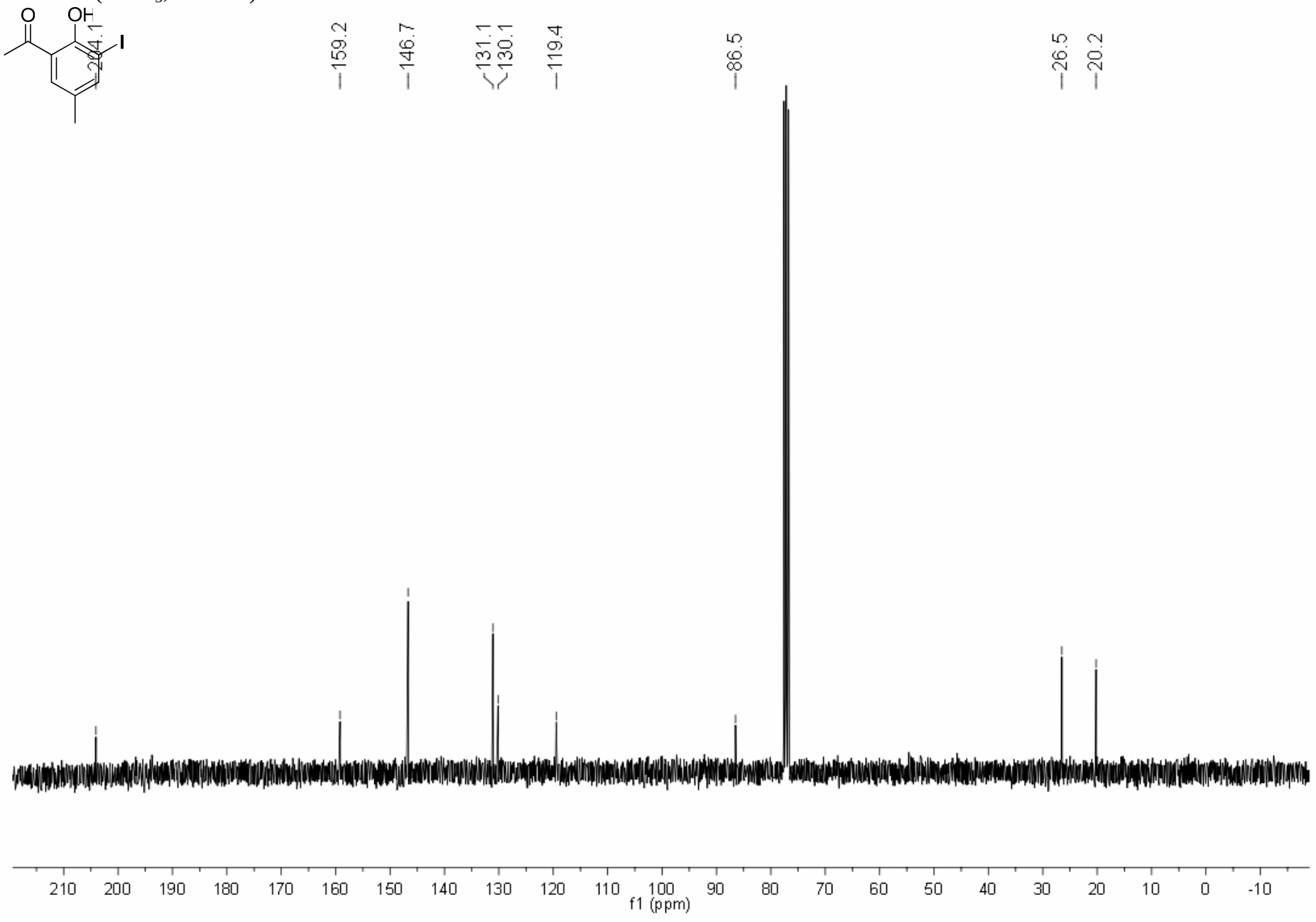

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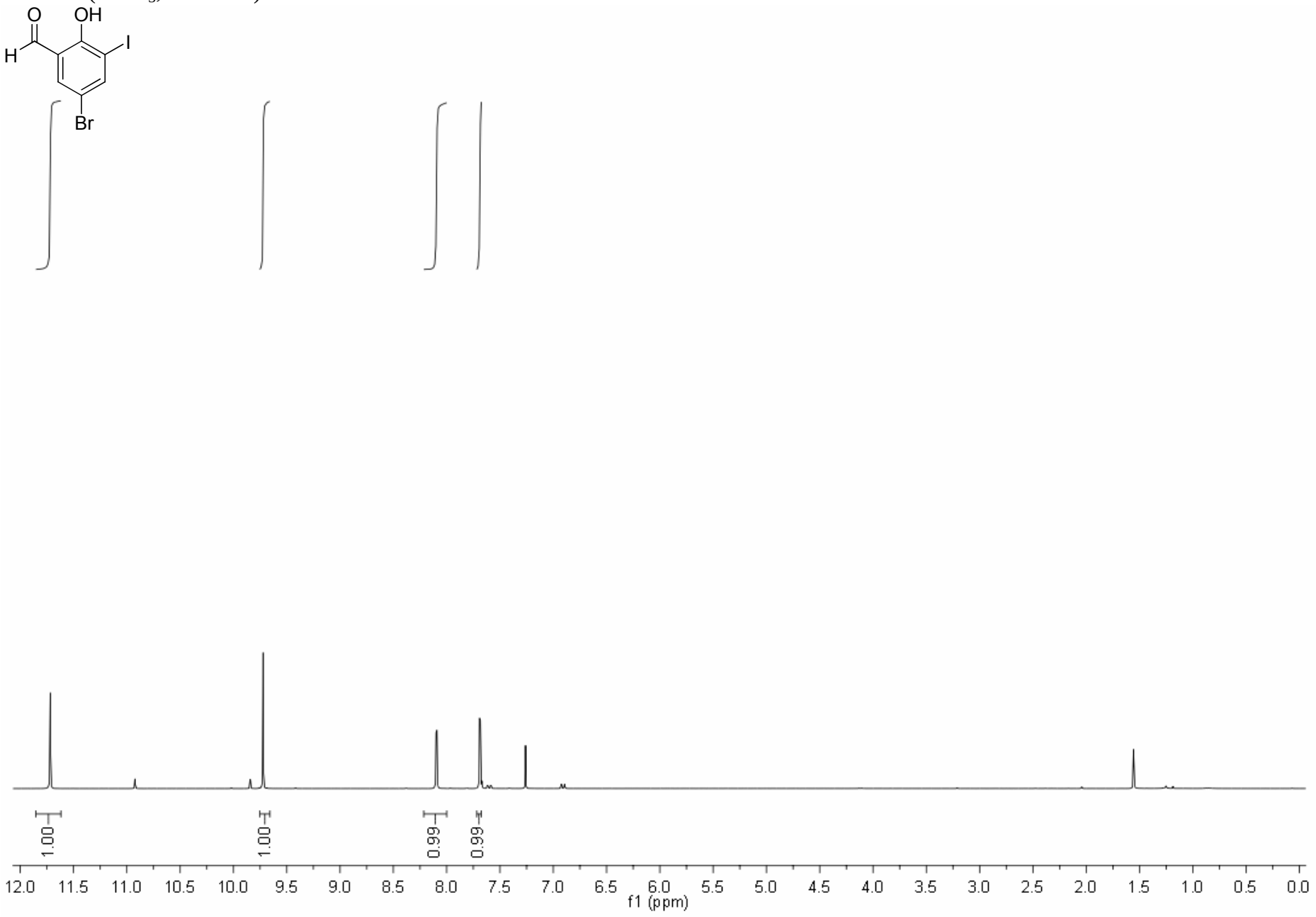
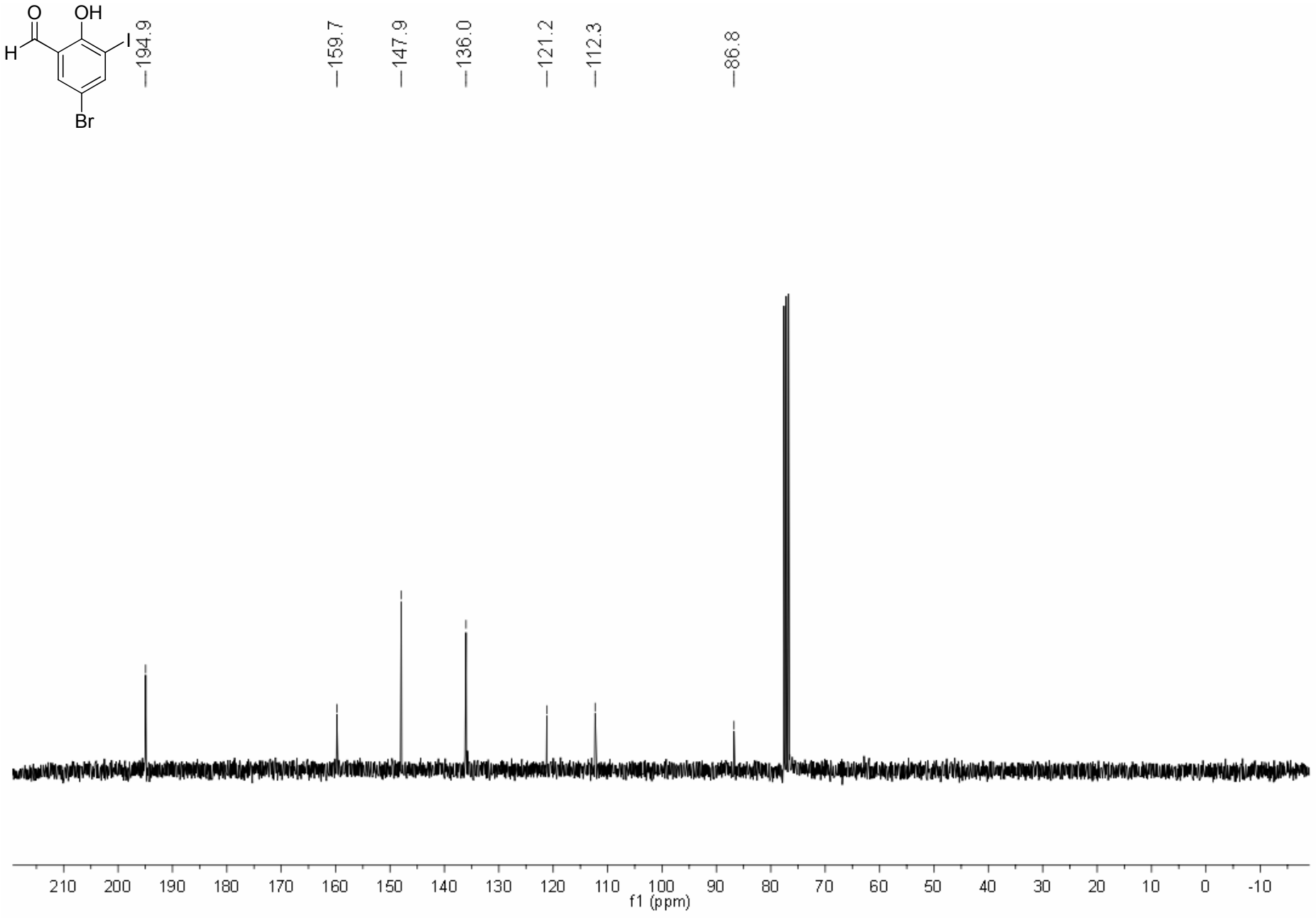


$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **1f**



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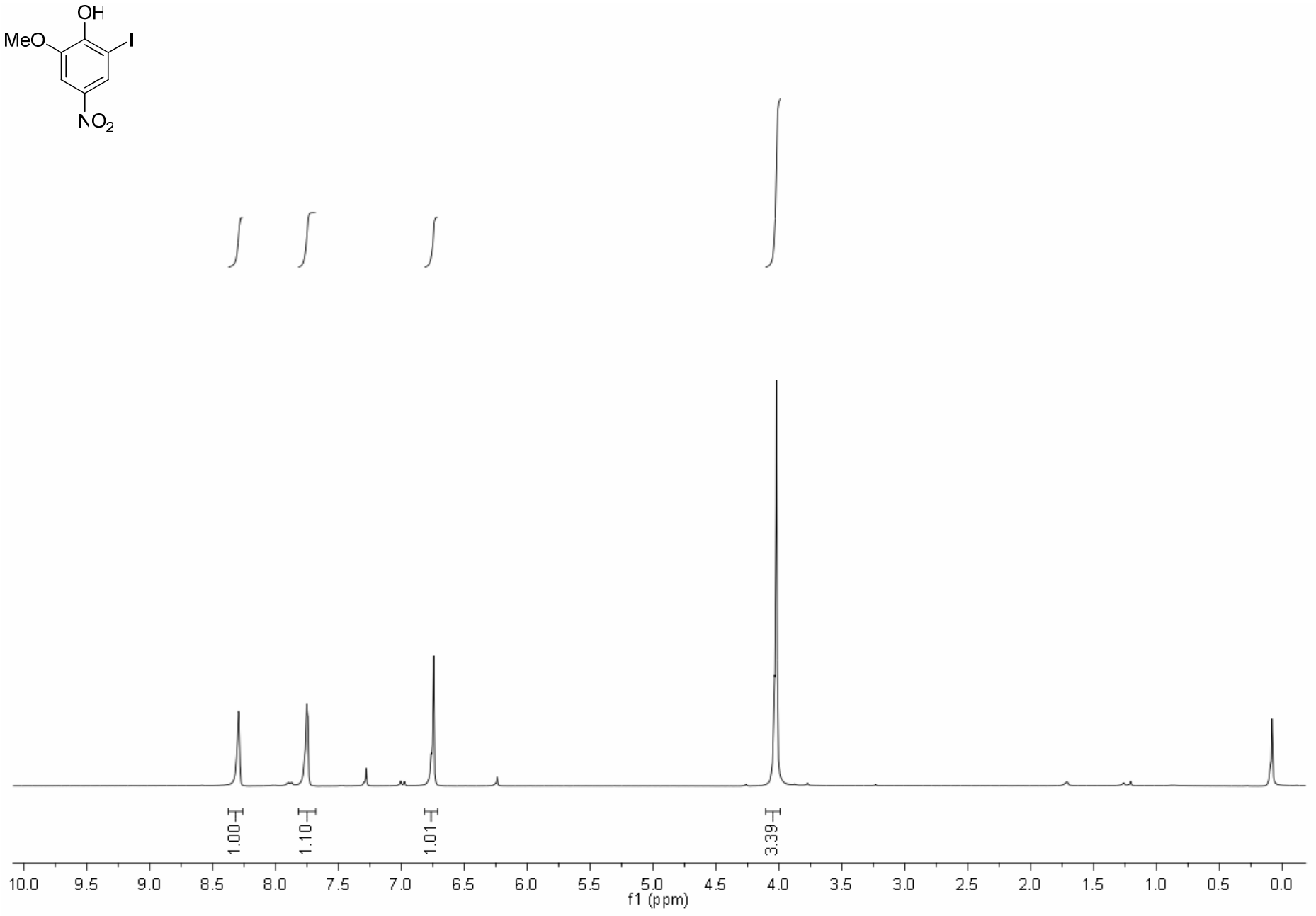

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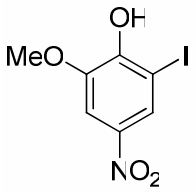

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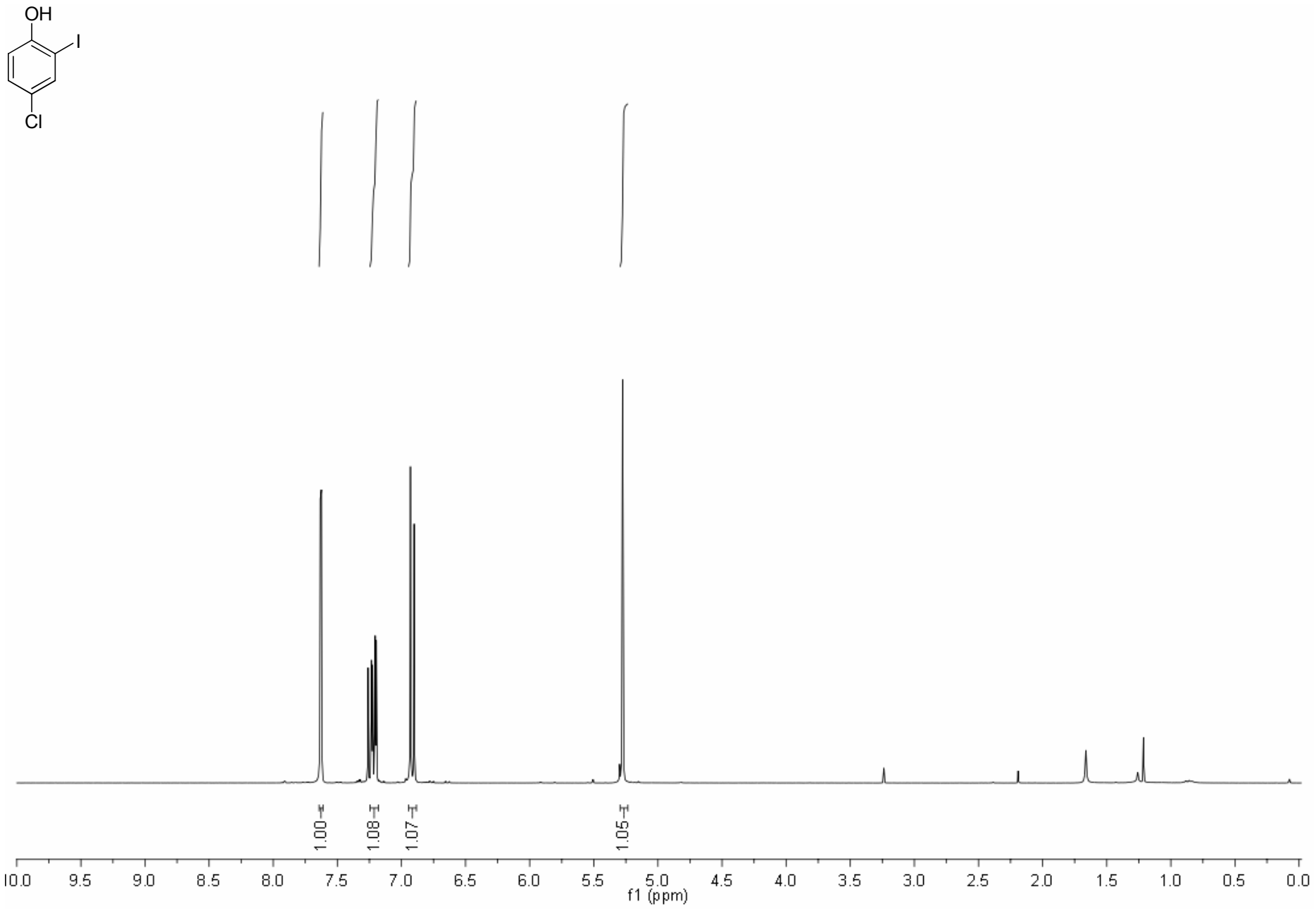

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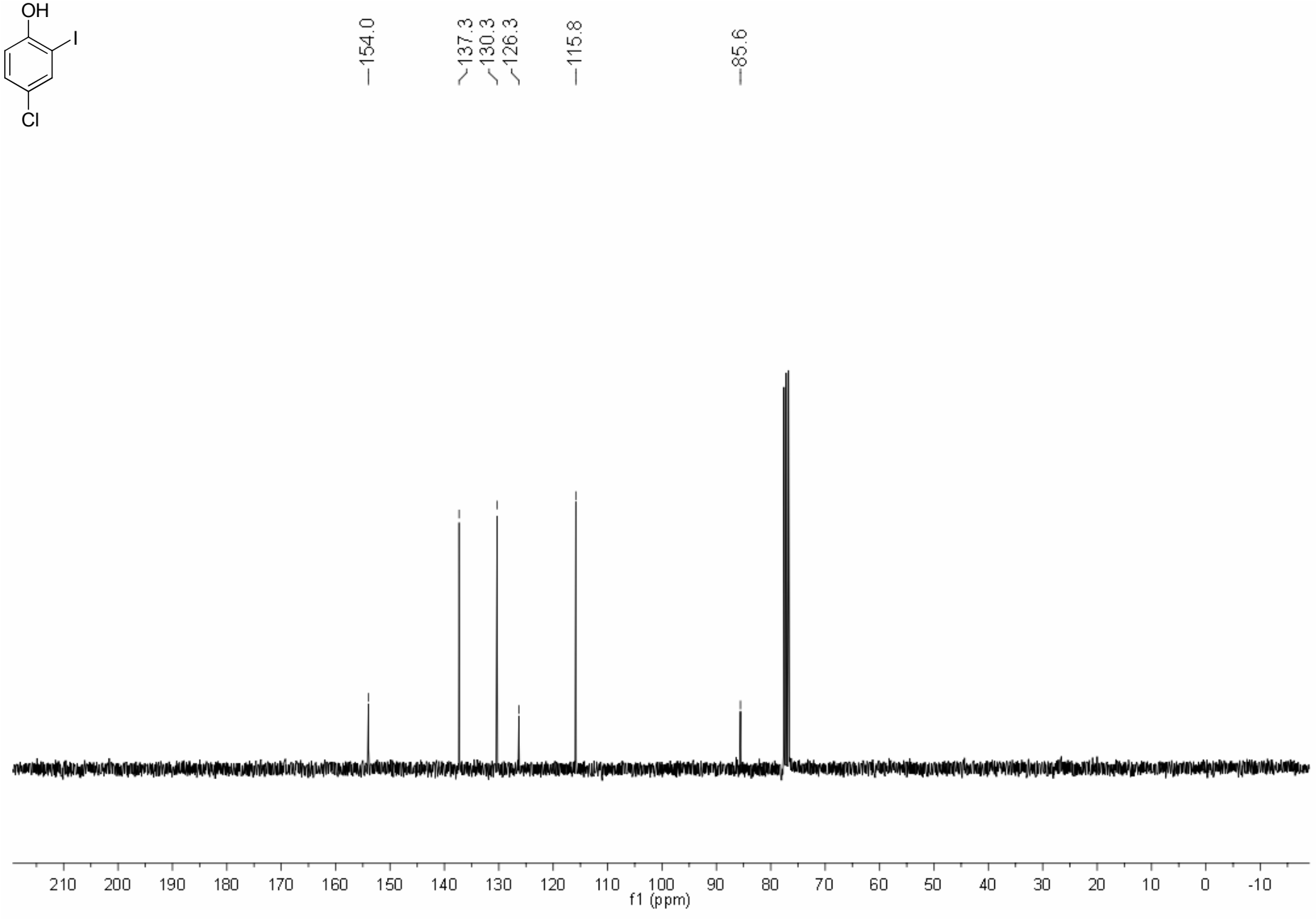

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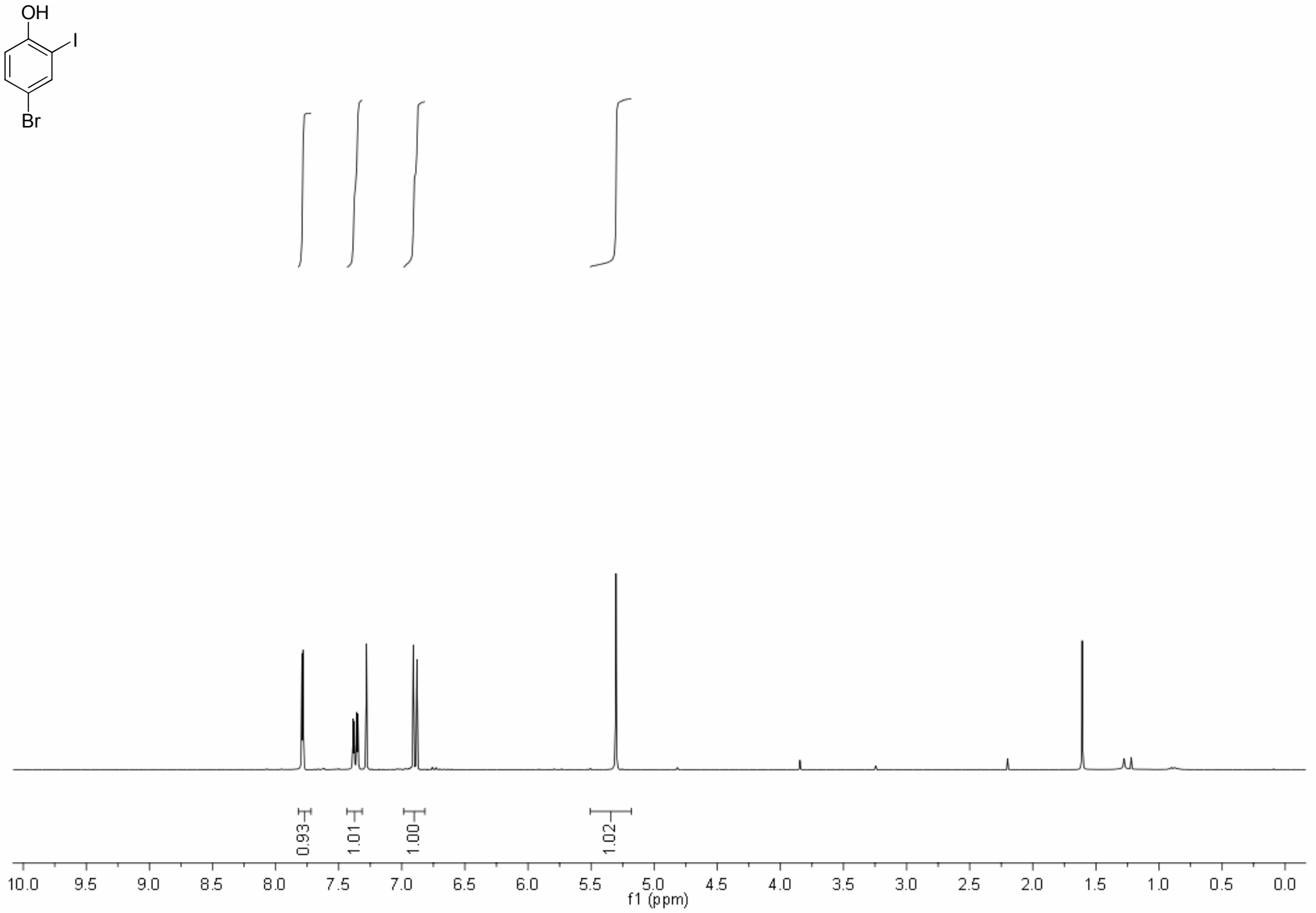

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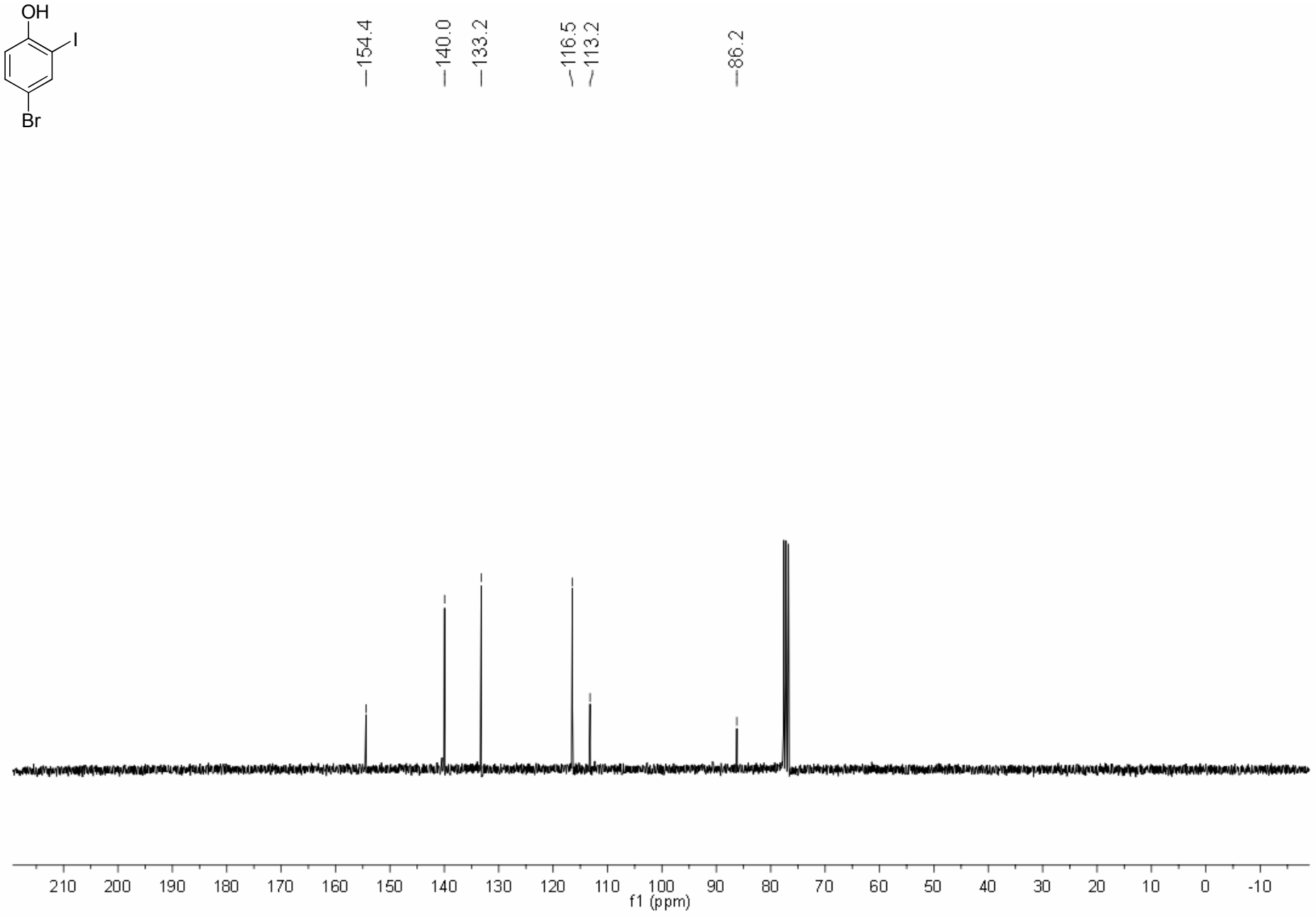

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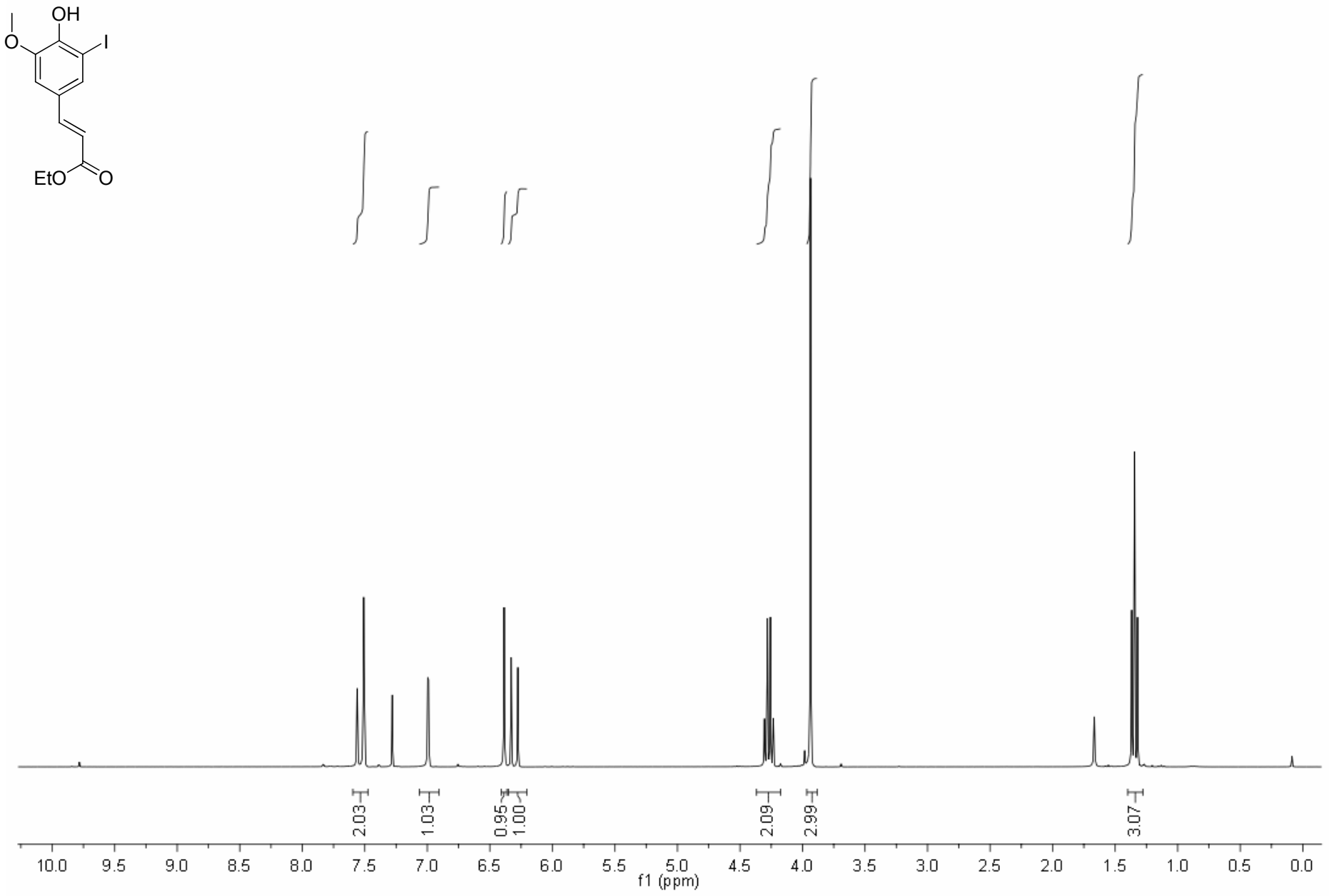

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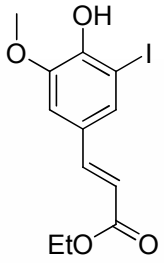
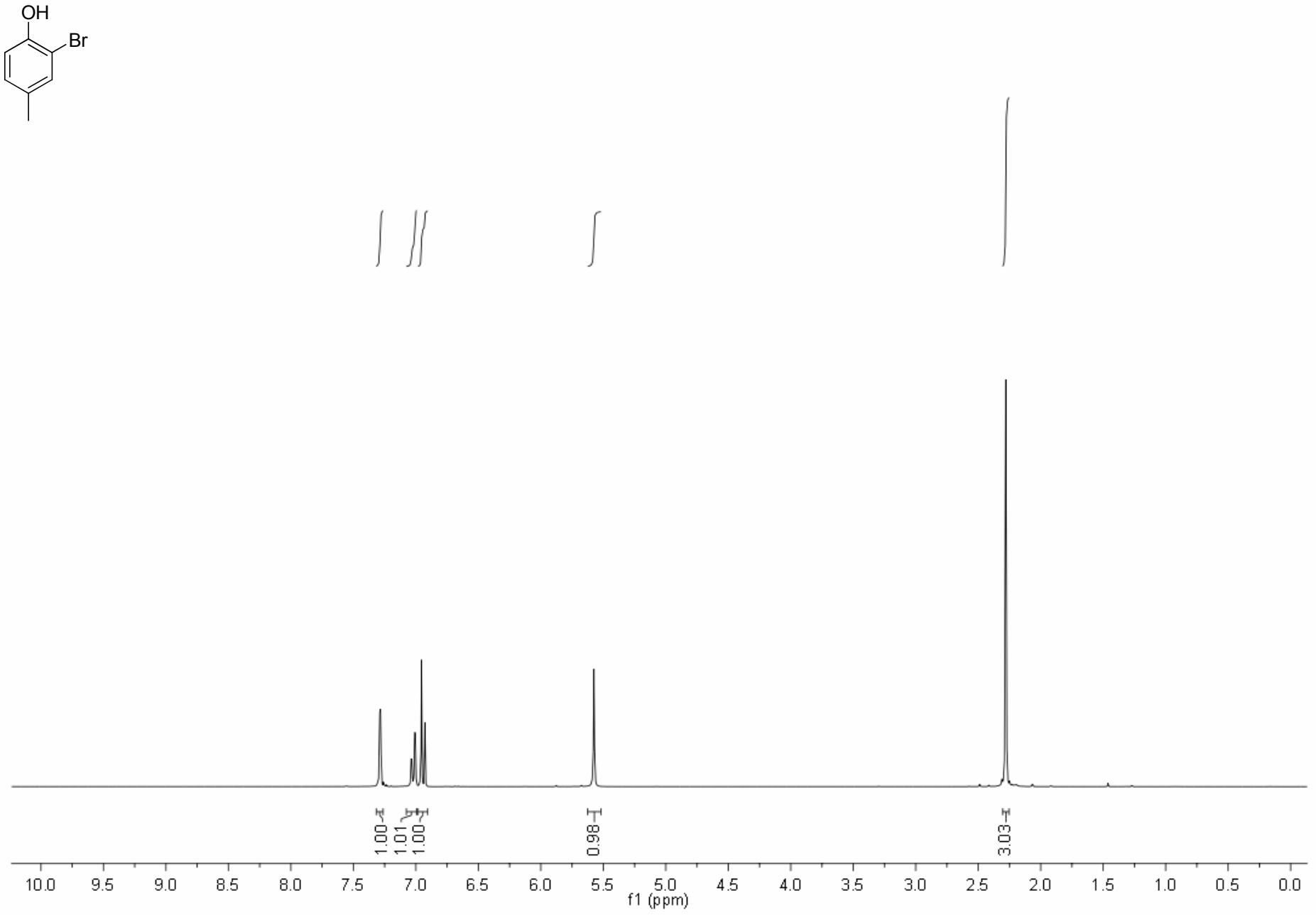


$^{1}$H NMR ($CDCl_3$, 300 MHz) of **4b**



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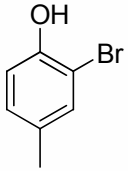

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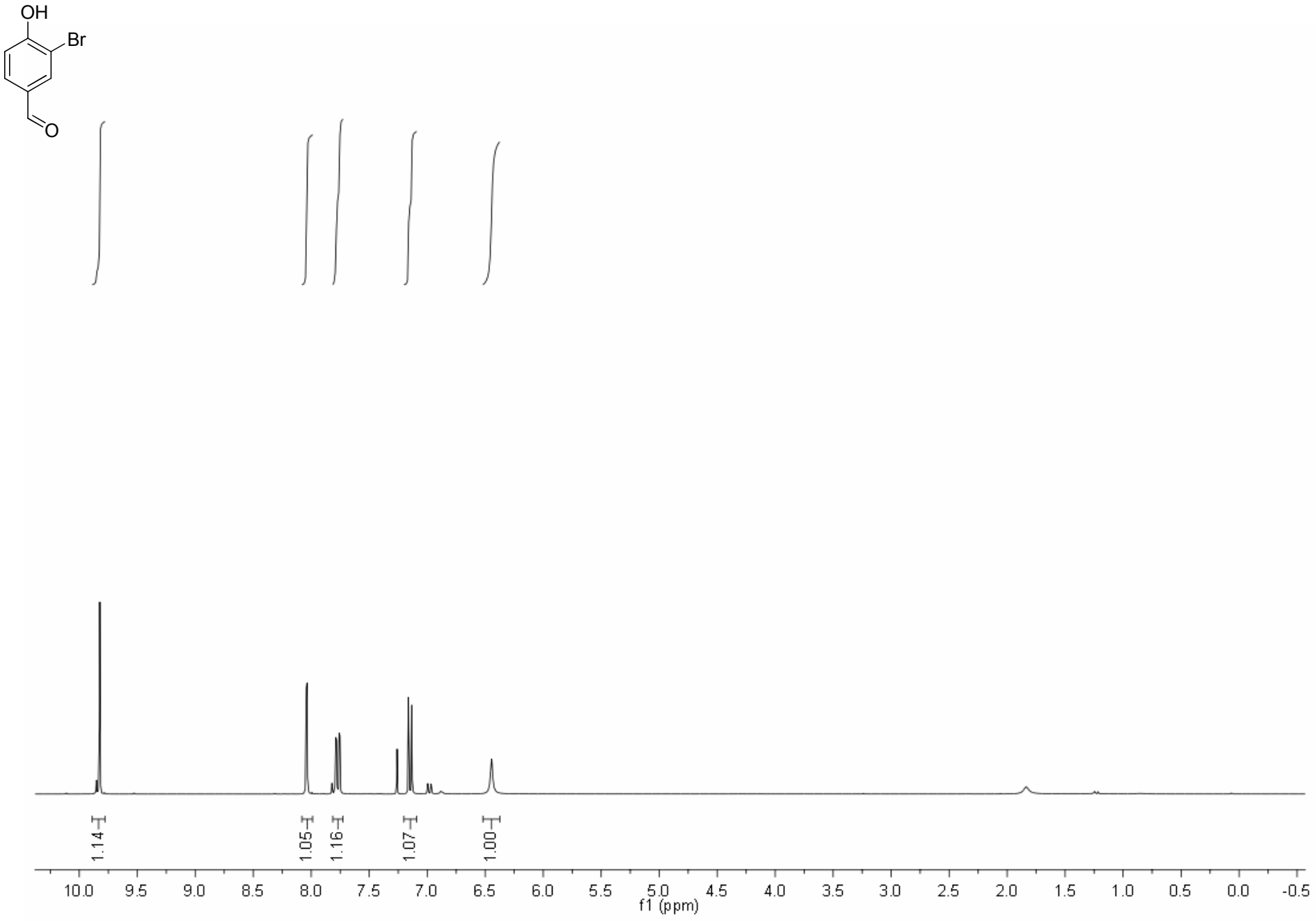

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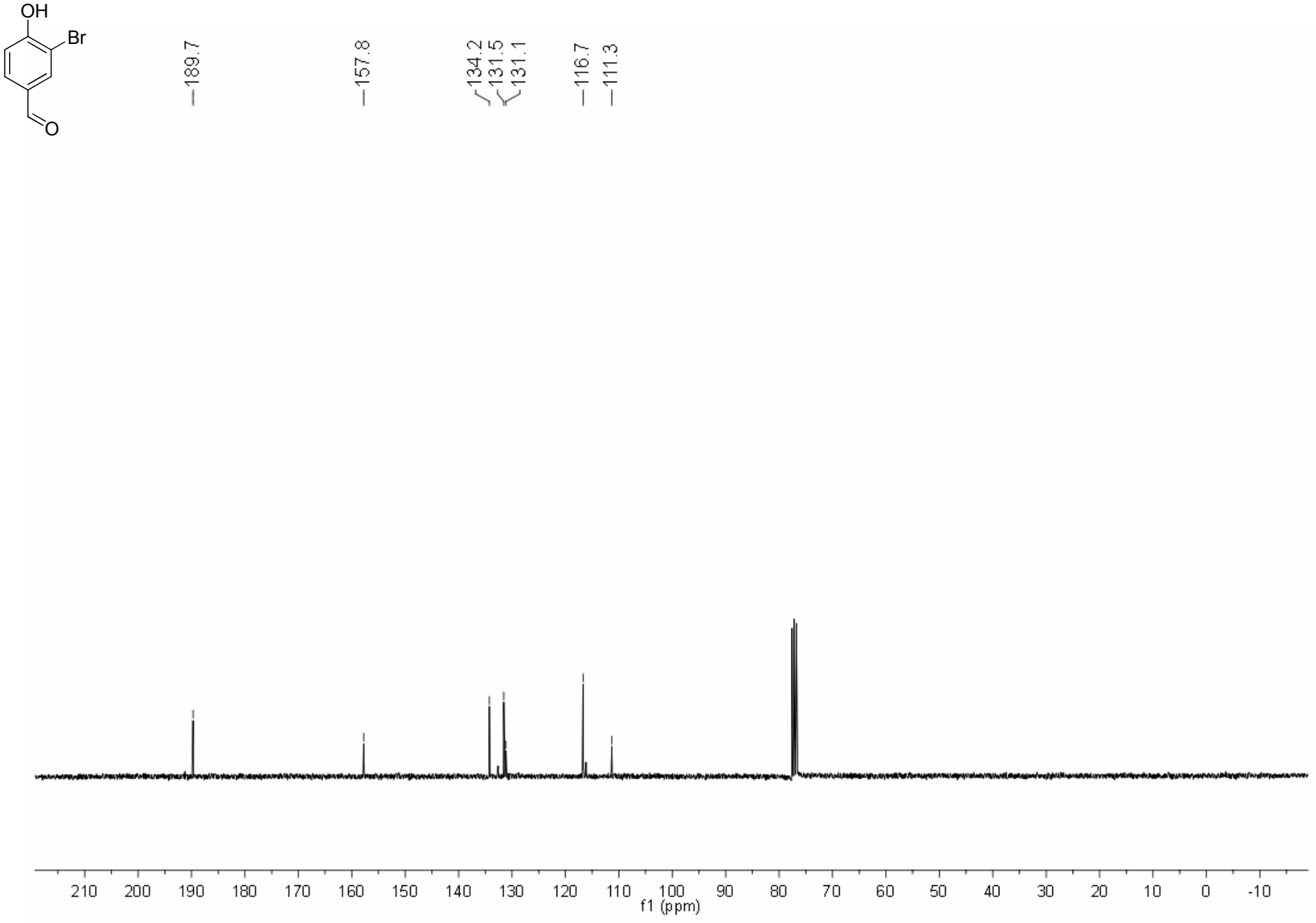
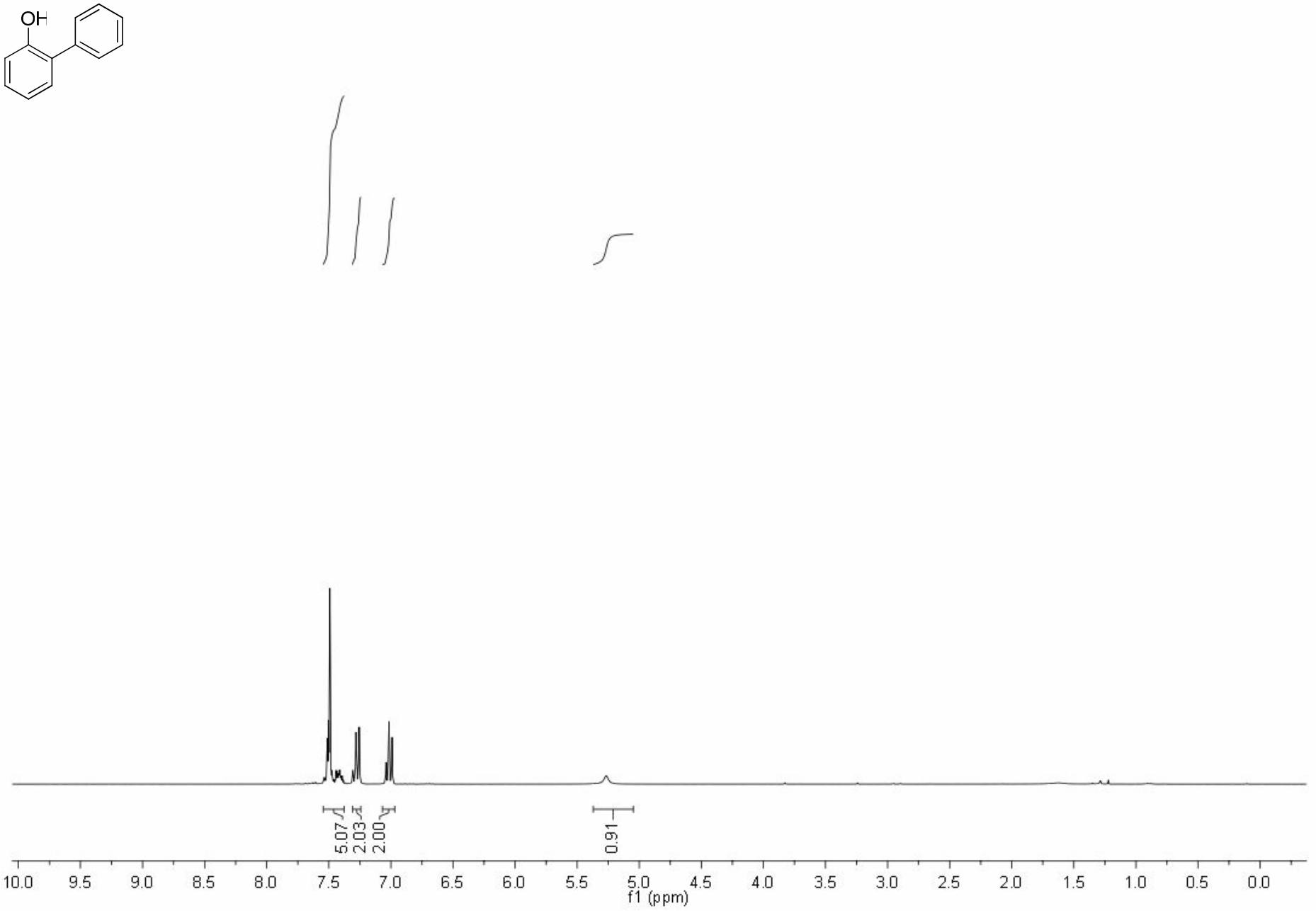
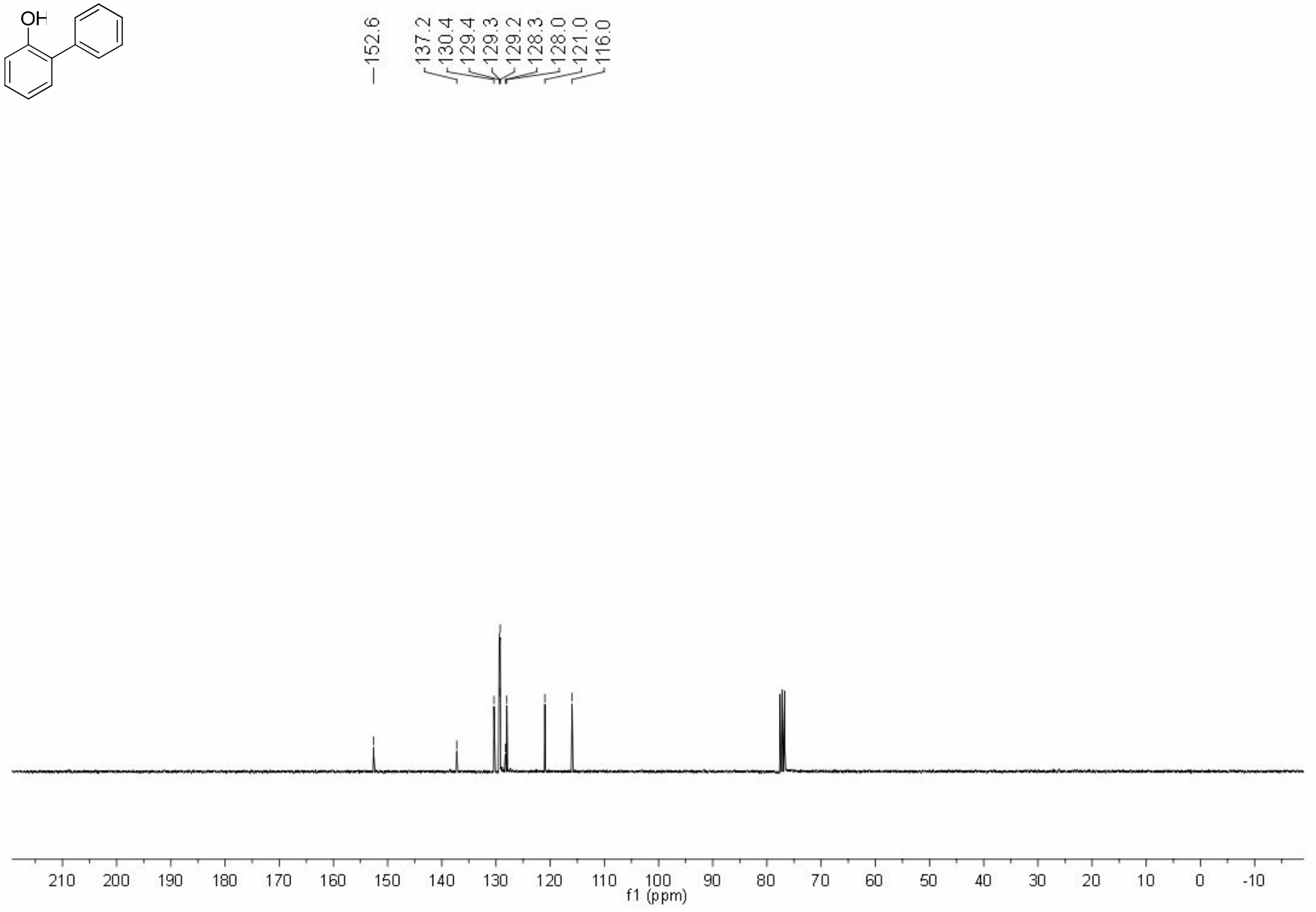


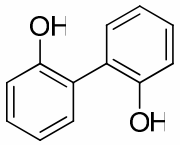
$^{1}$H NMR ($CDCl_3$, 300 MHz) of **3ab**

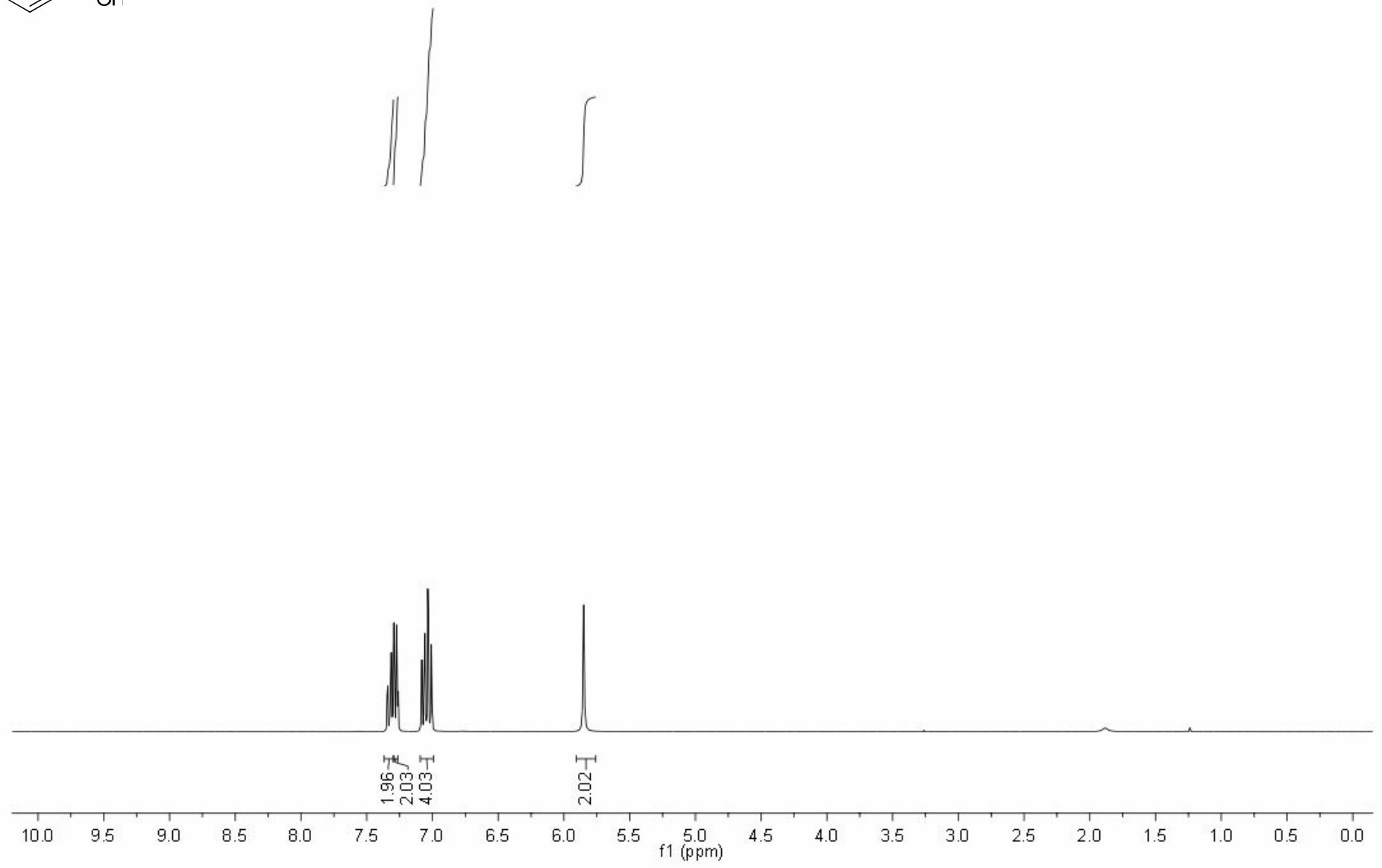


$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **3ab**

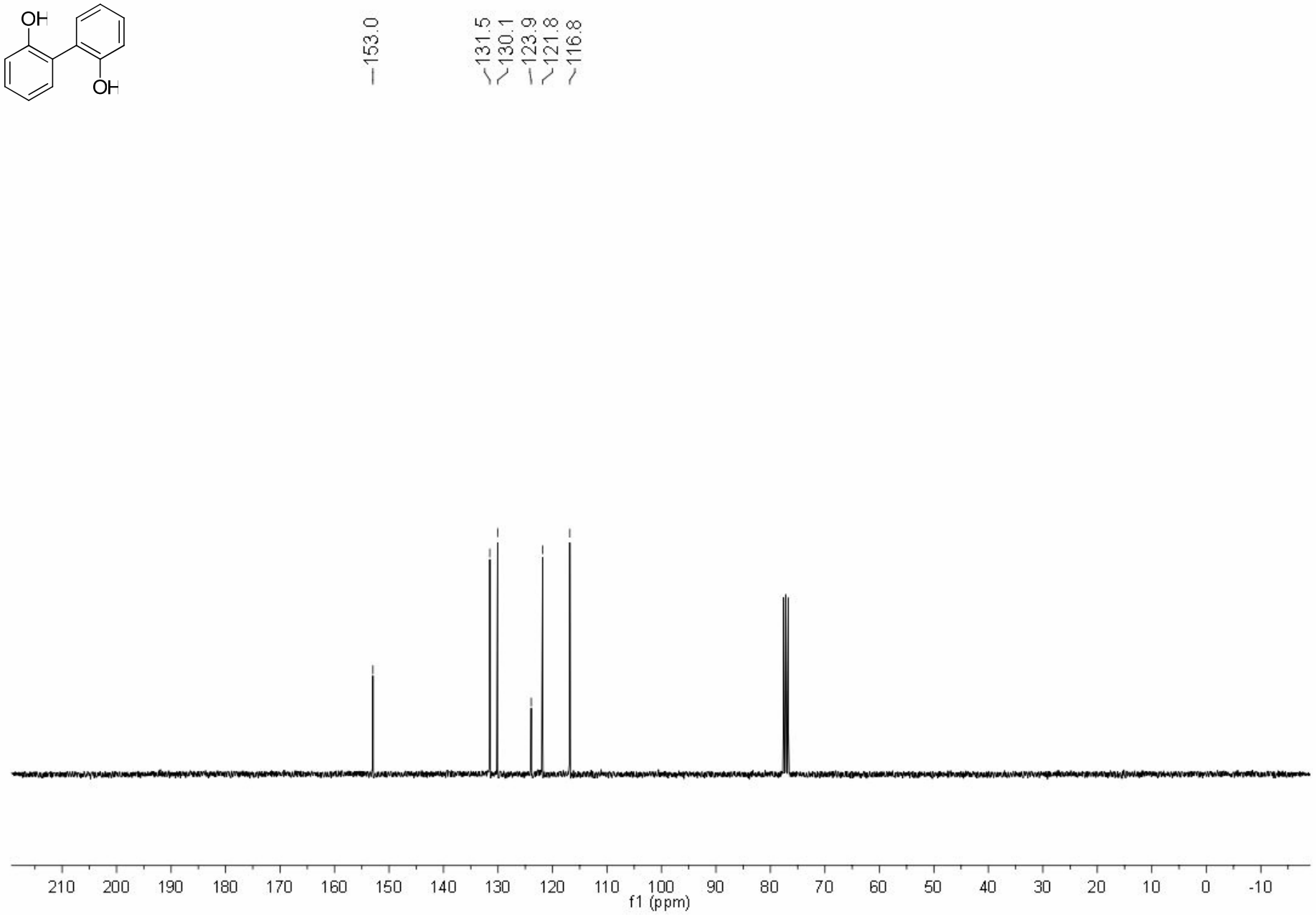


$^{1}$H NMR ($CDCl_3$, 300 MHz) of **3aa**

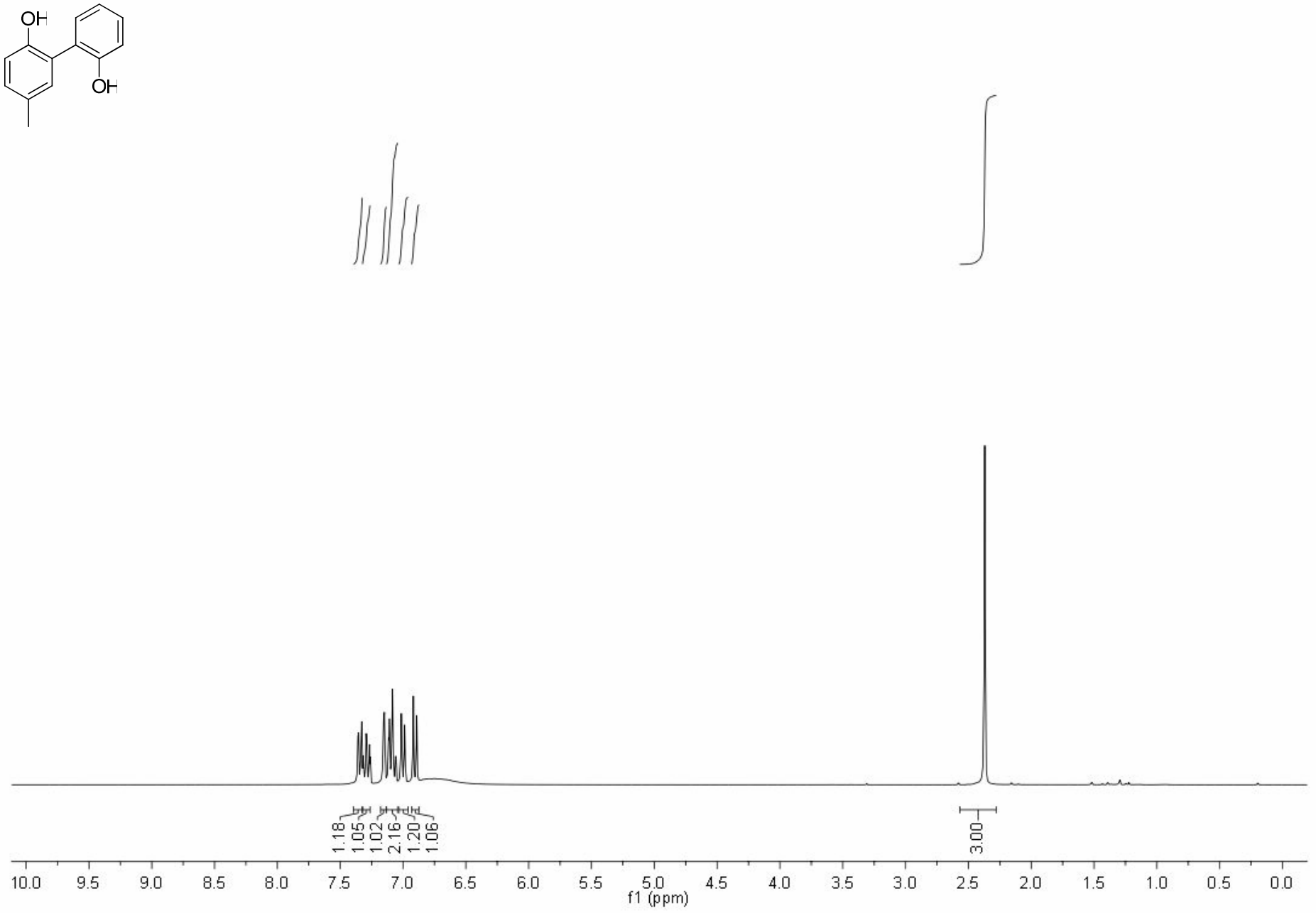


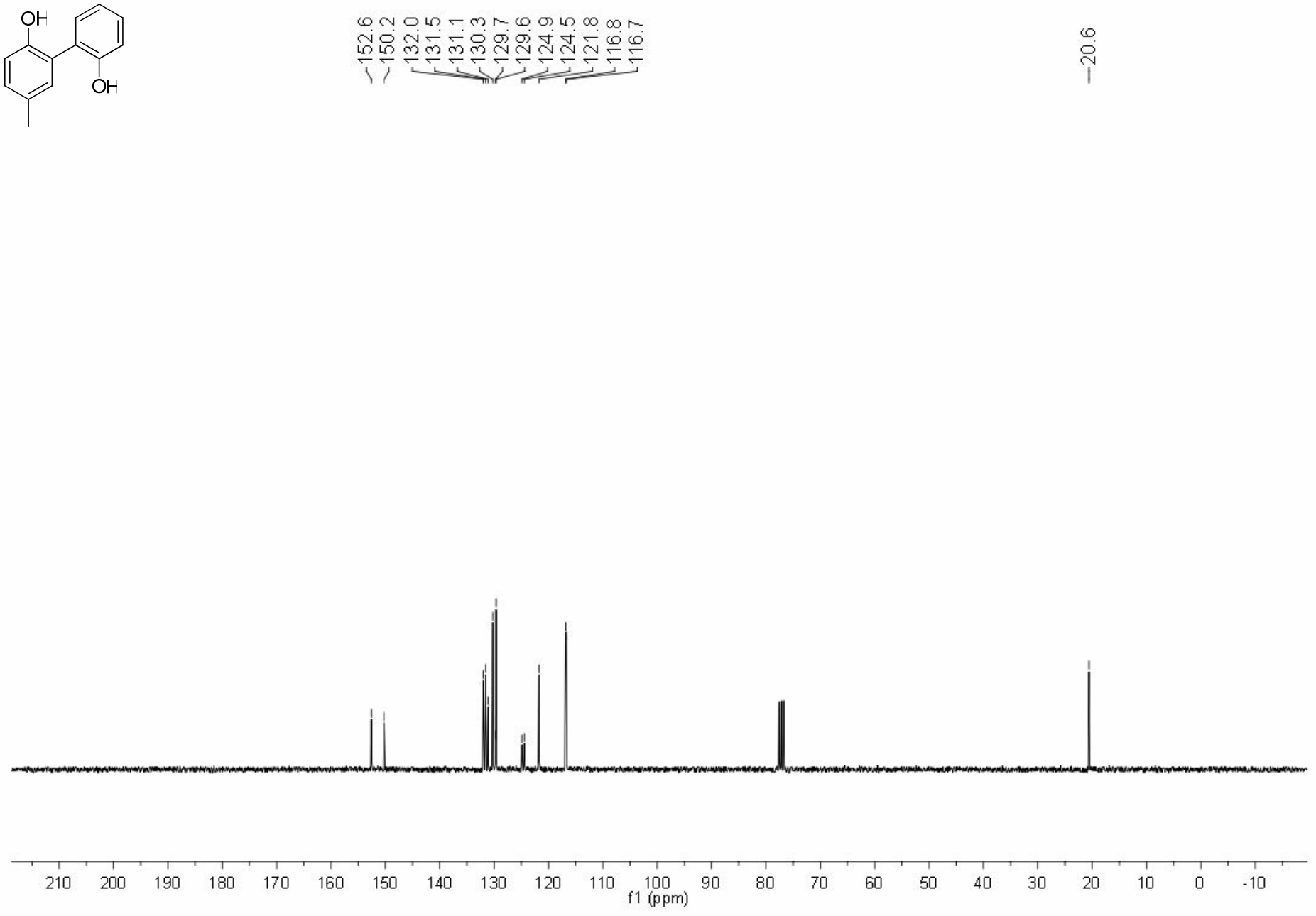
$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **3aa**



$^{1}$H NMR ($CDCl_3$, 300 MHz) of **3ba**



$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **3ba**



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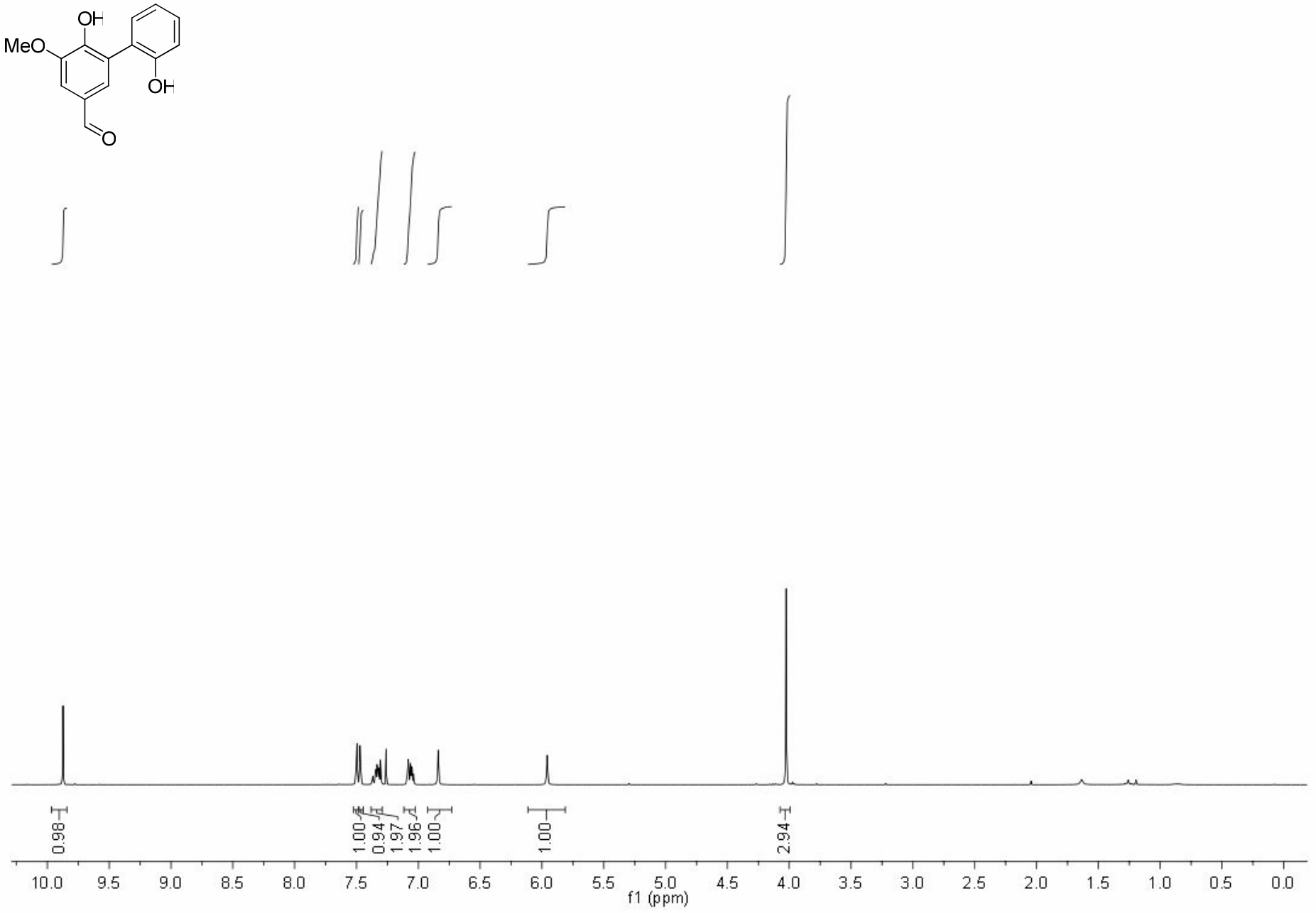
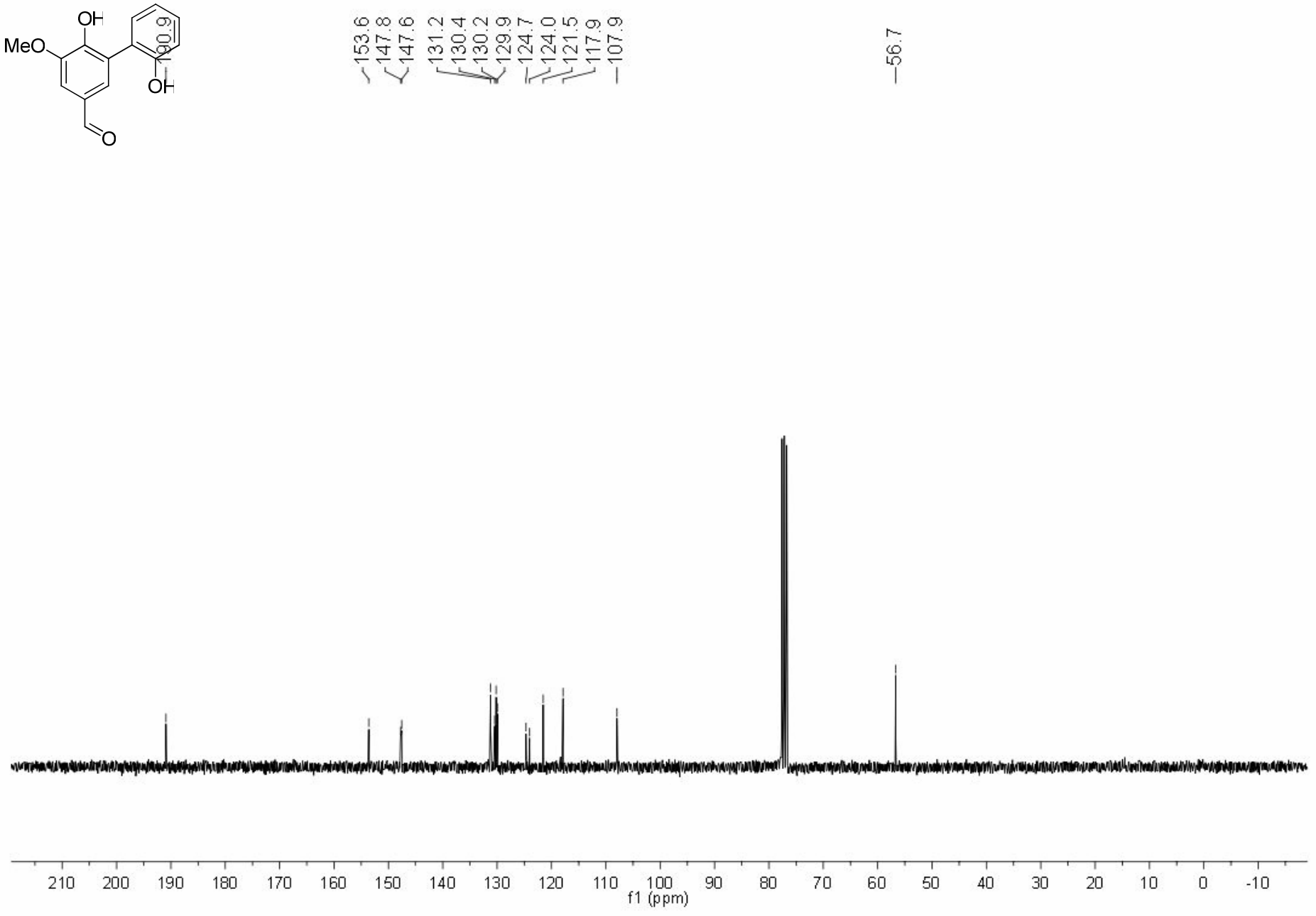


$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **3ca**



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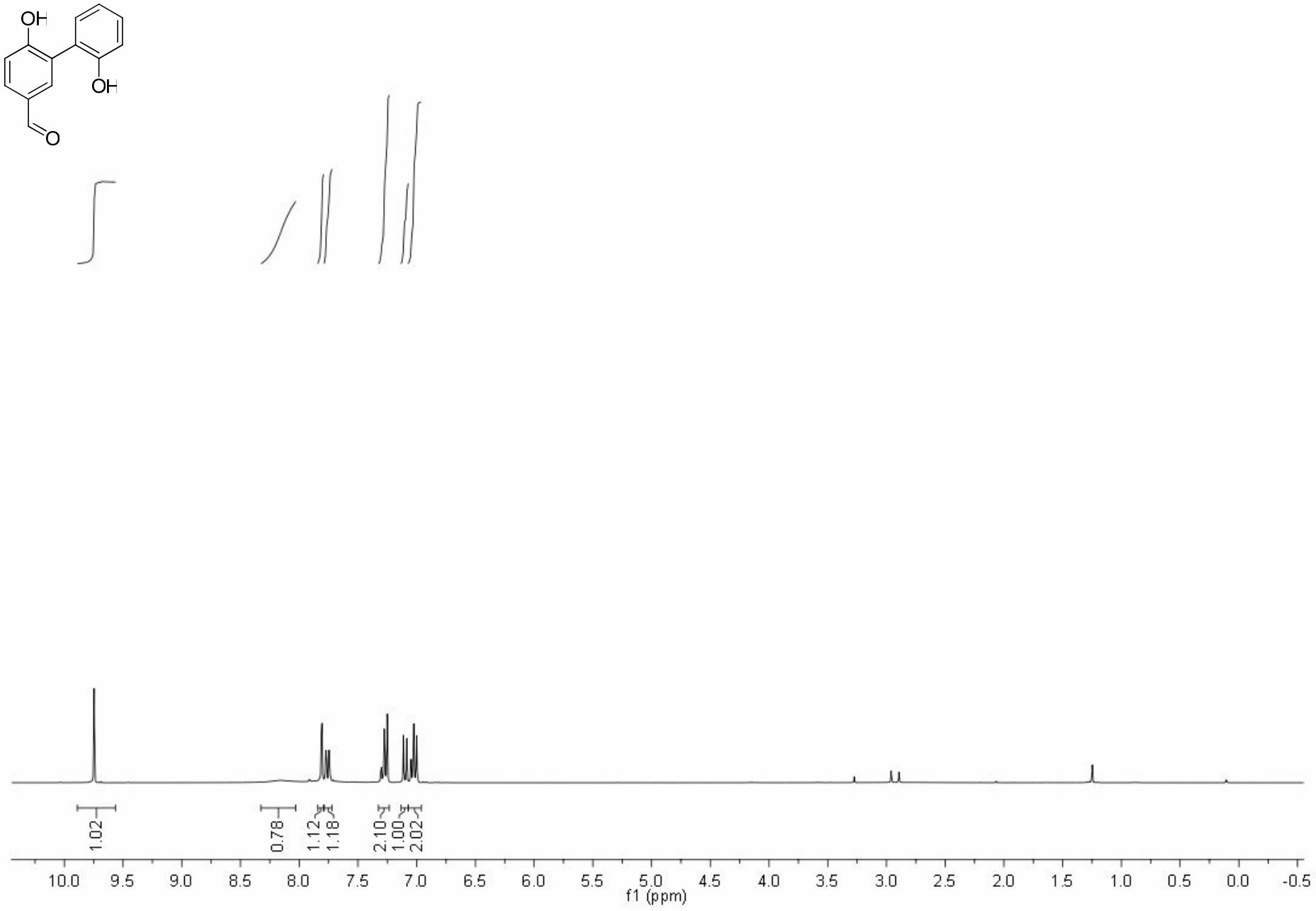
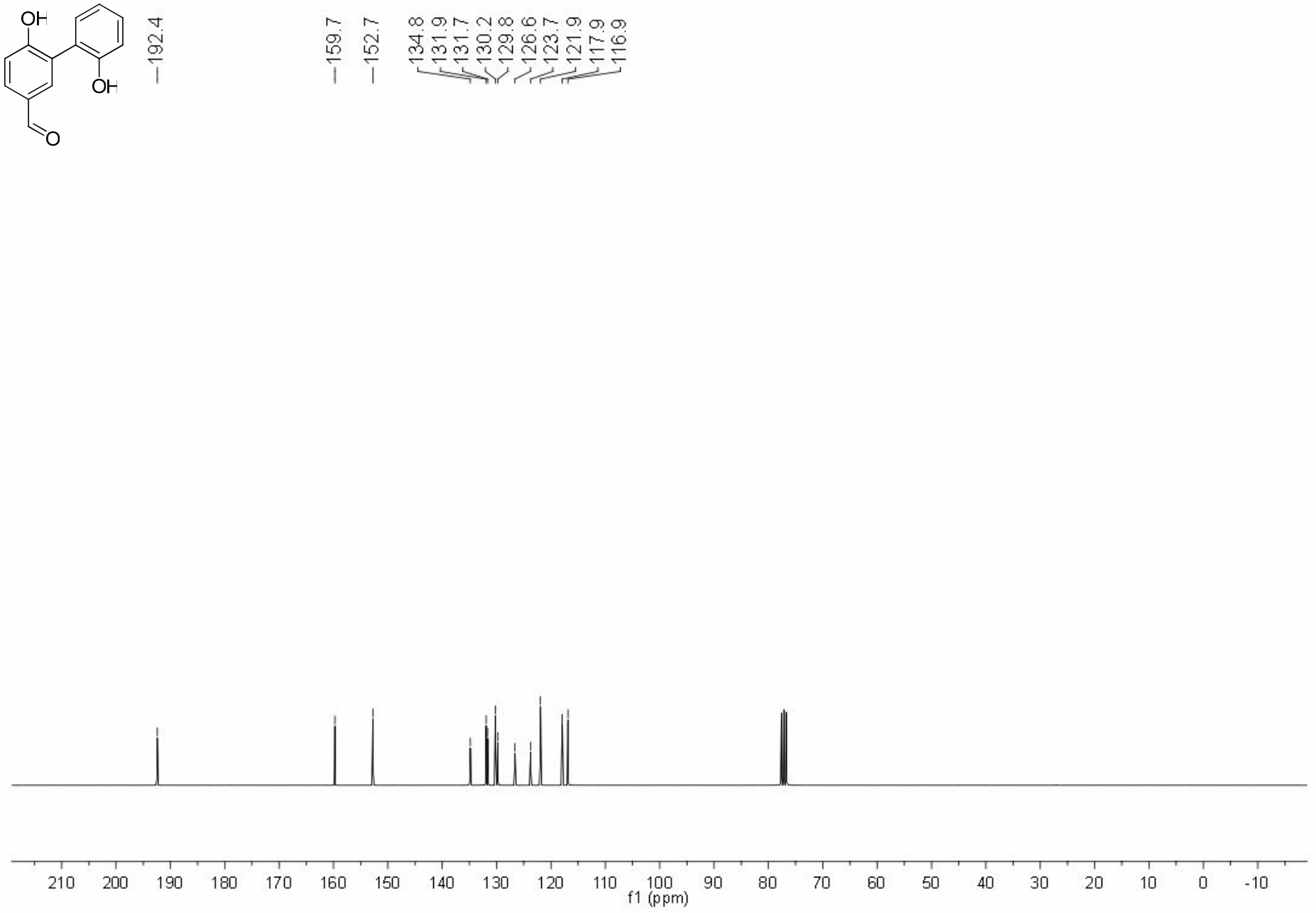
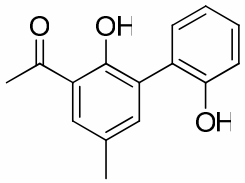
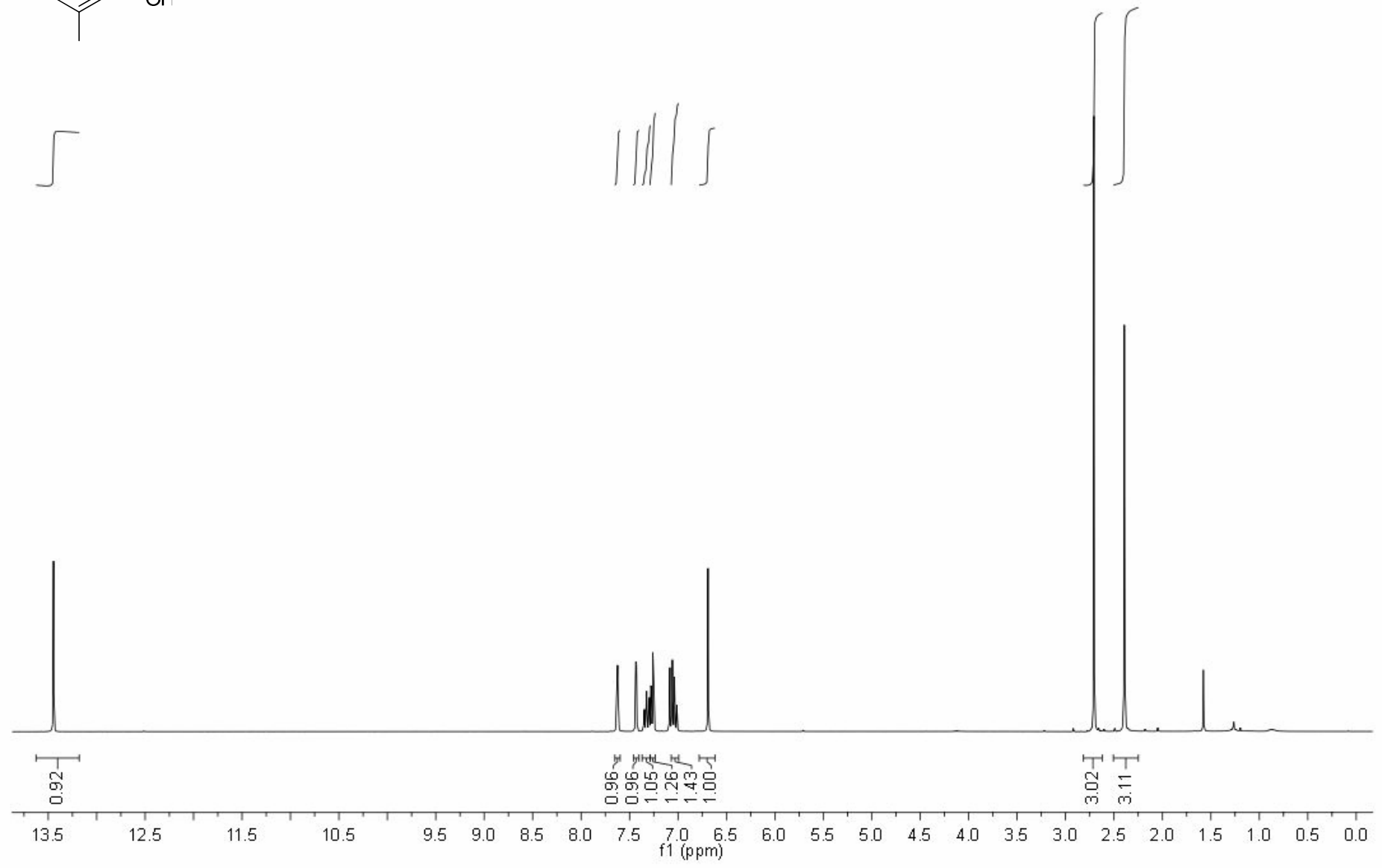


$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **3da**



$^{1}$H NMR ($CDCl_3$, 300 MHz) of **3ea**



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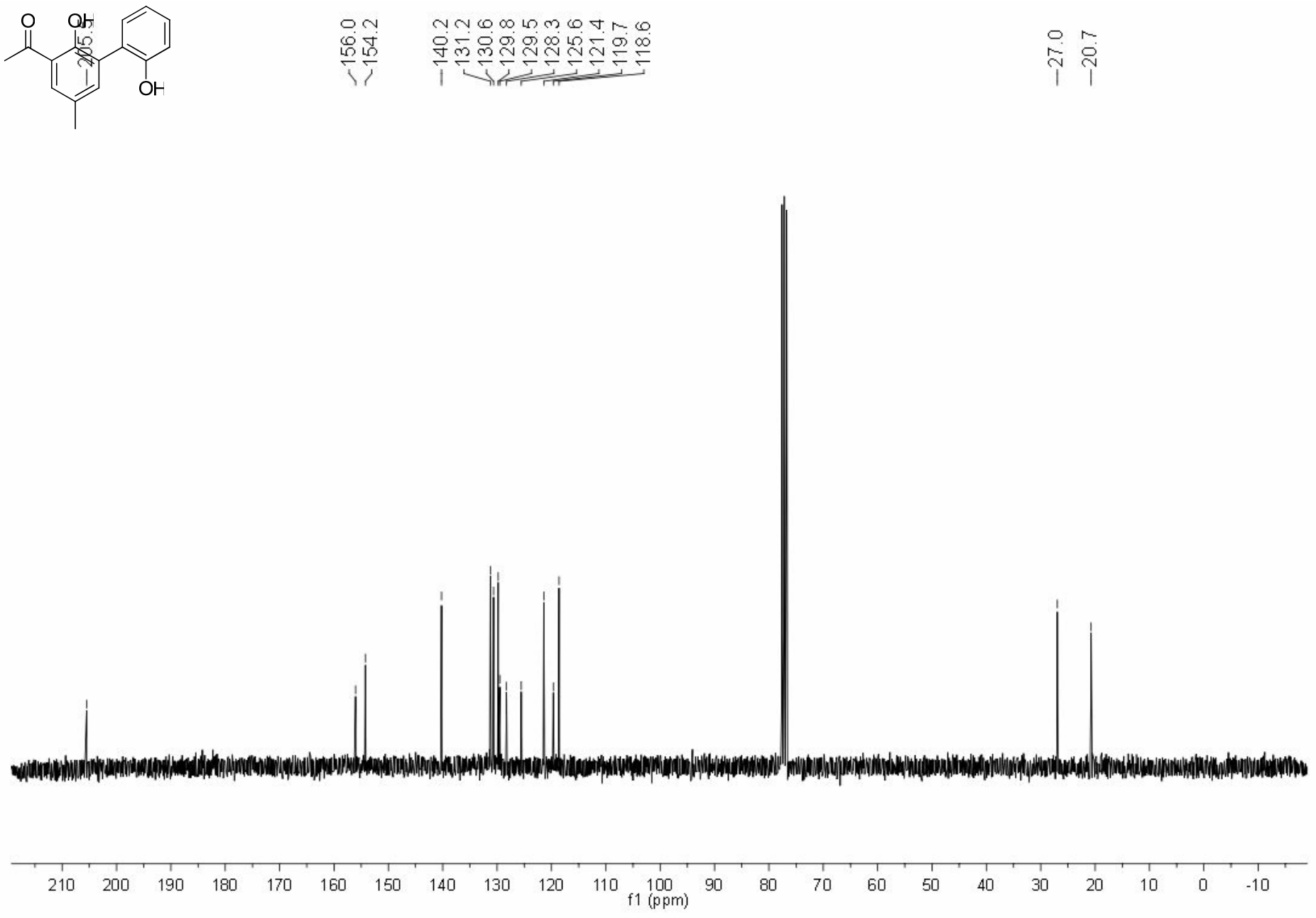

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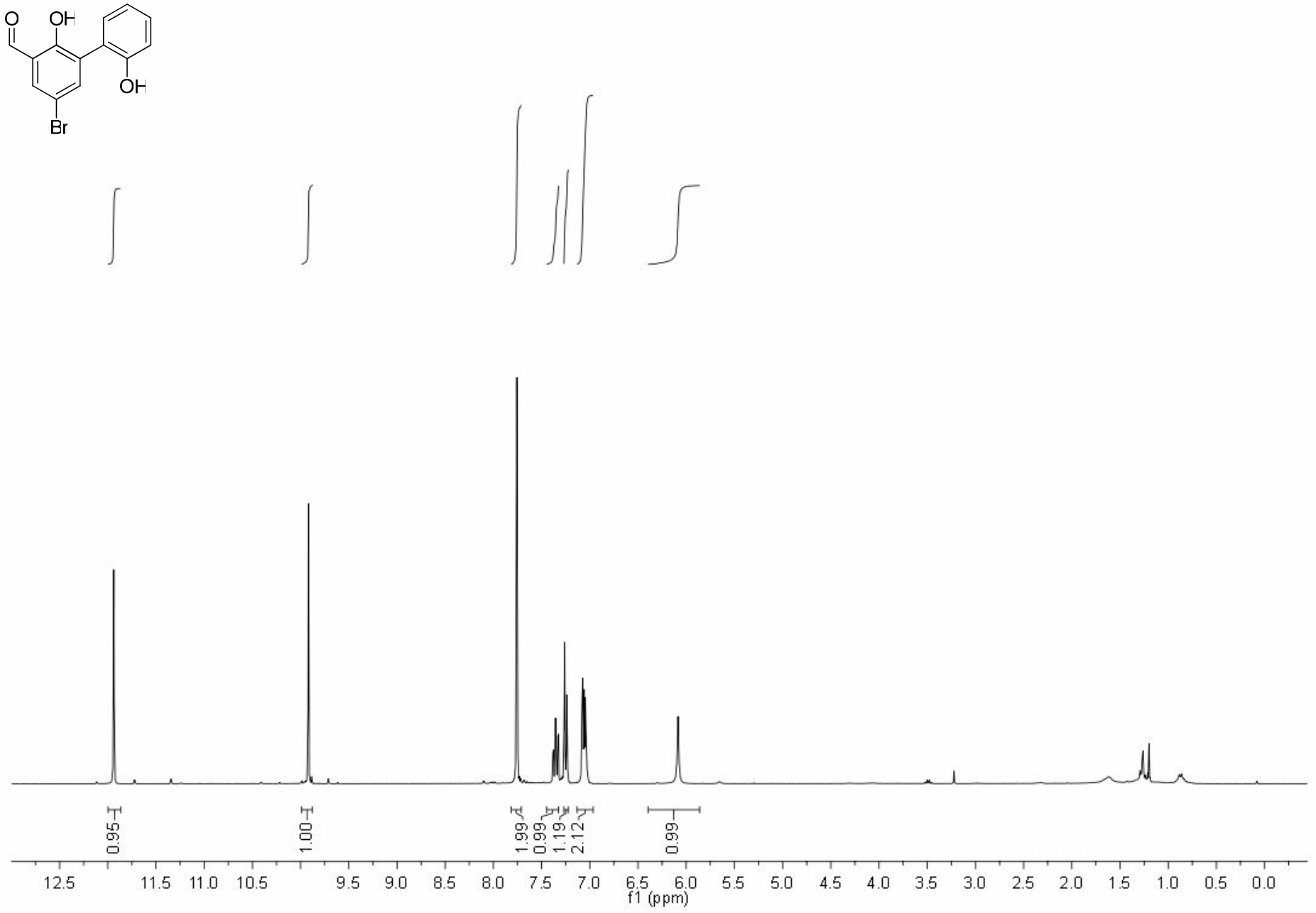
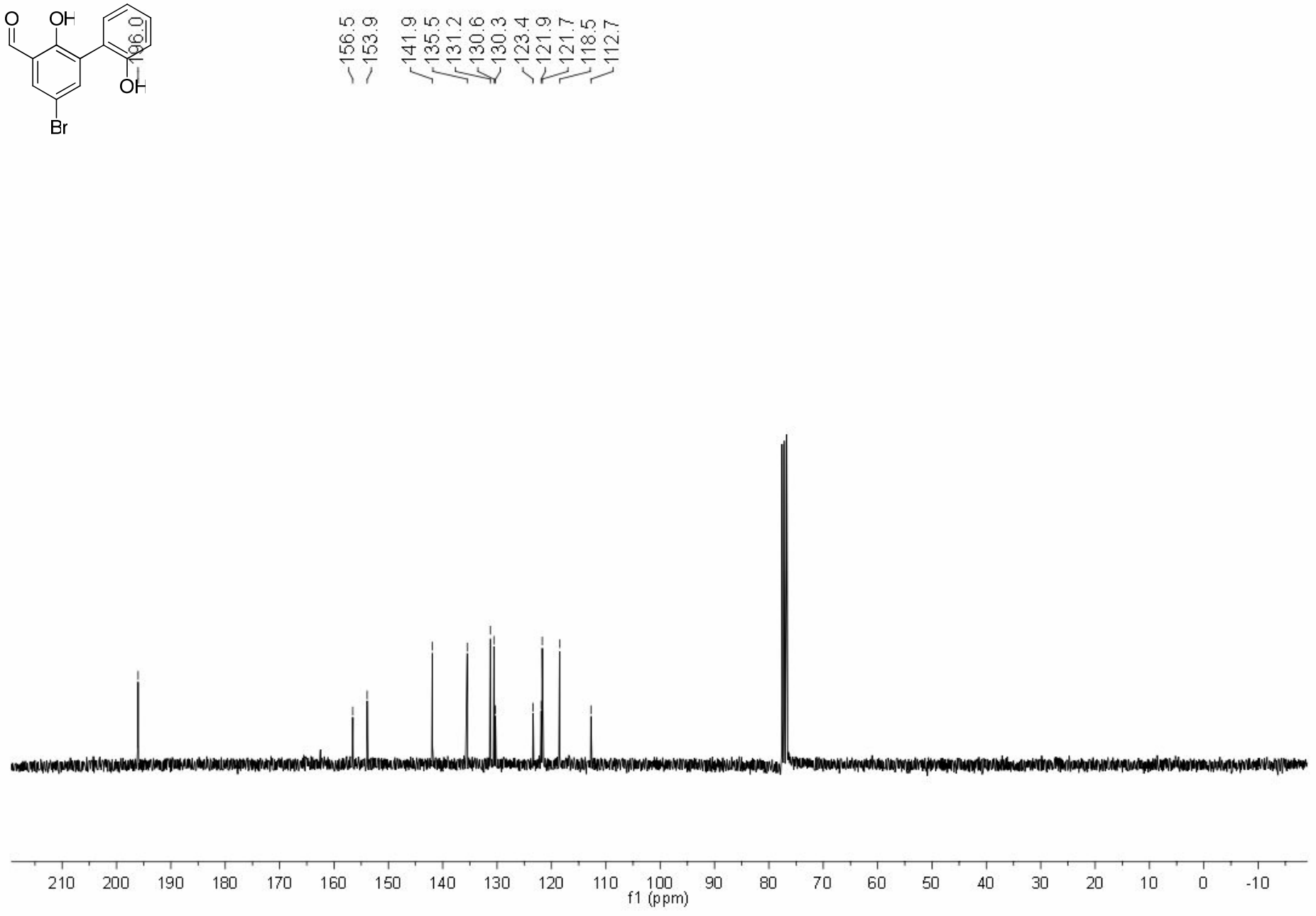
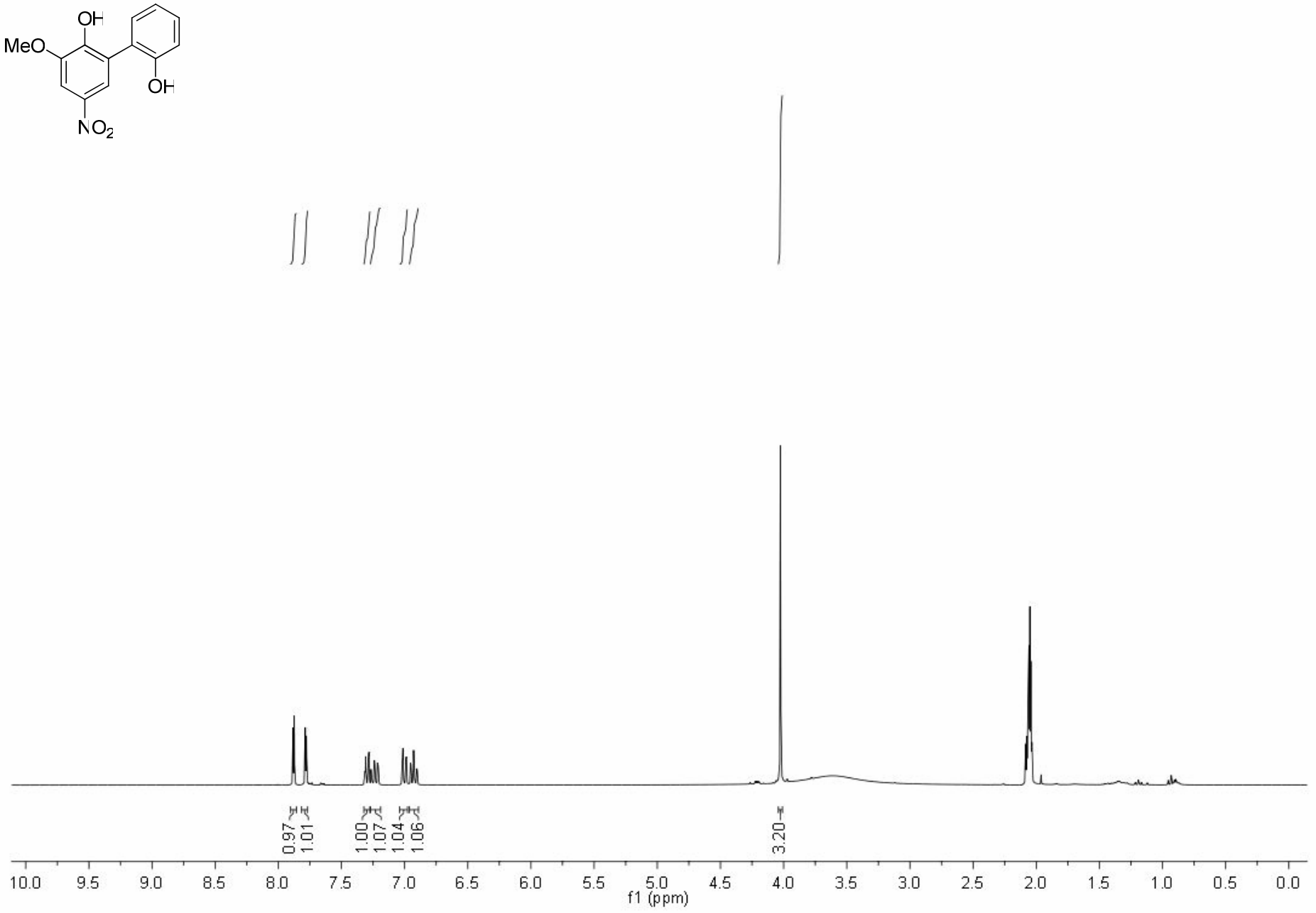


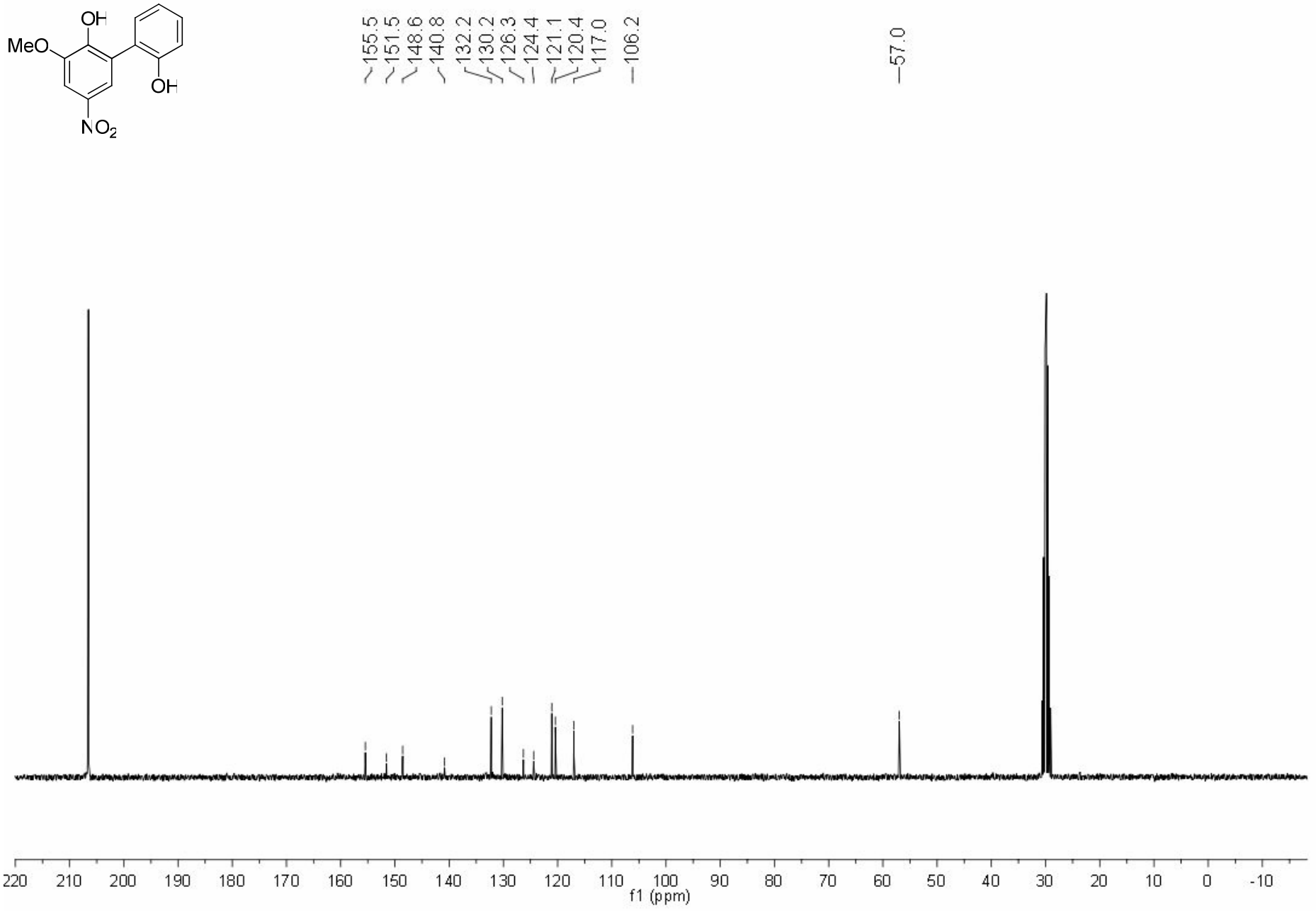
$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **3fa**



$^{1}$H NMR (acetone-$d_6$, 300 MHz) of **3ga**



$^{13}$C NMR (acetone-$_{d6}$, 75 MHz) of **3ga**



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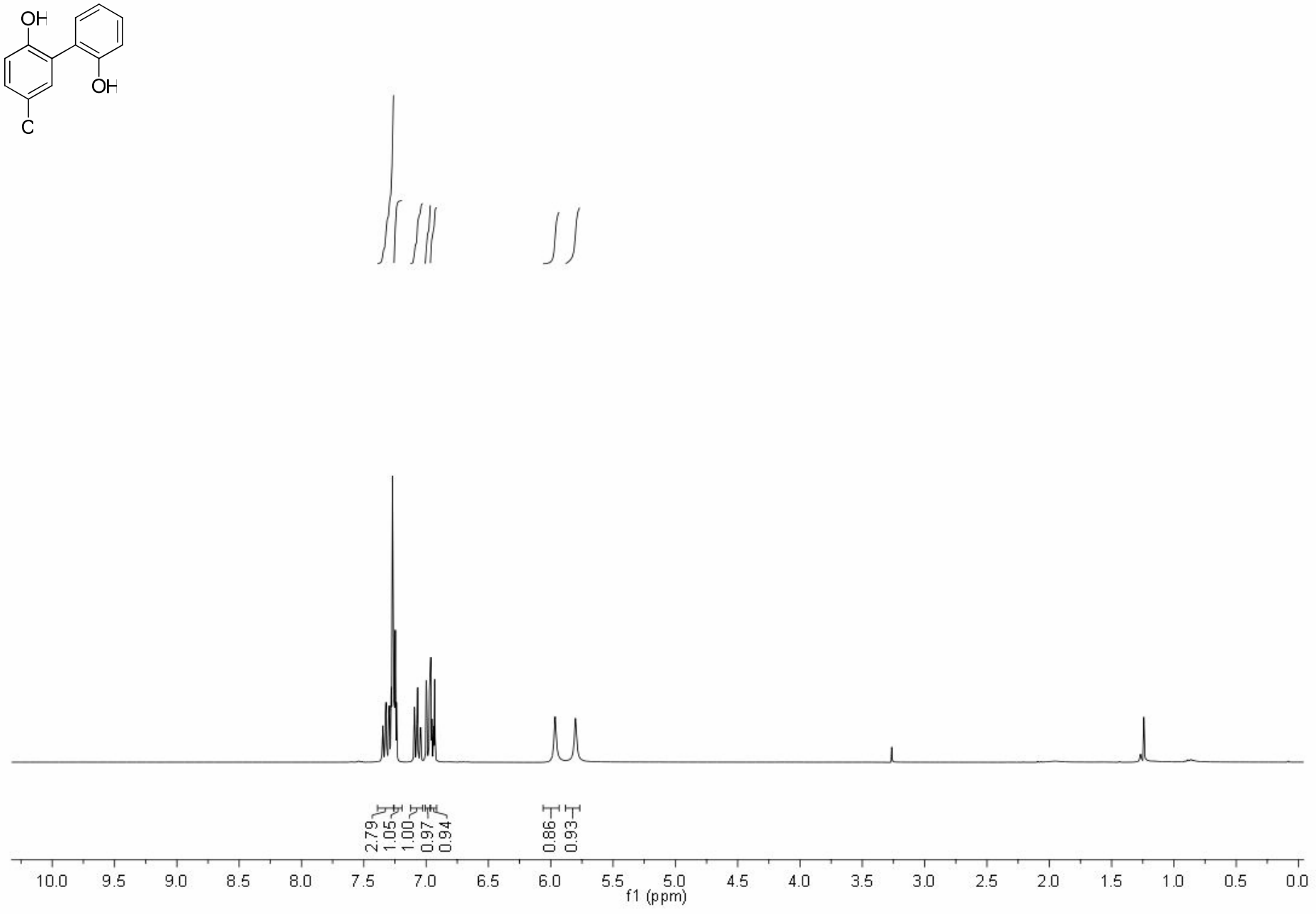
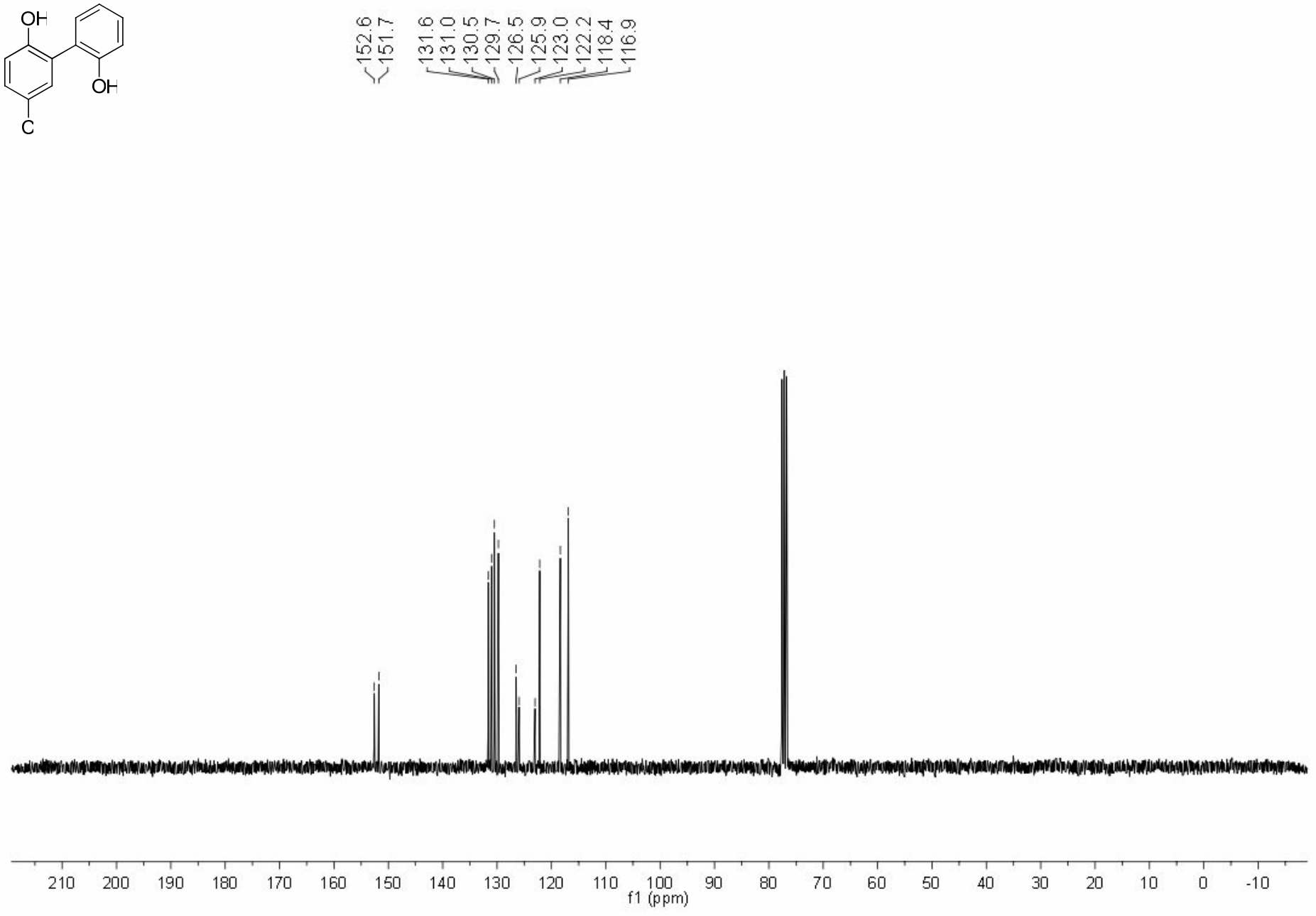


$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **3ha**



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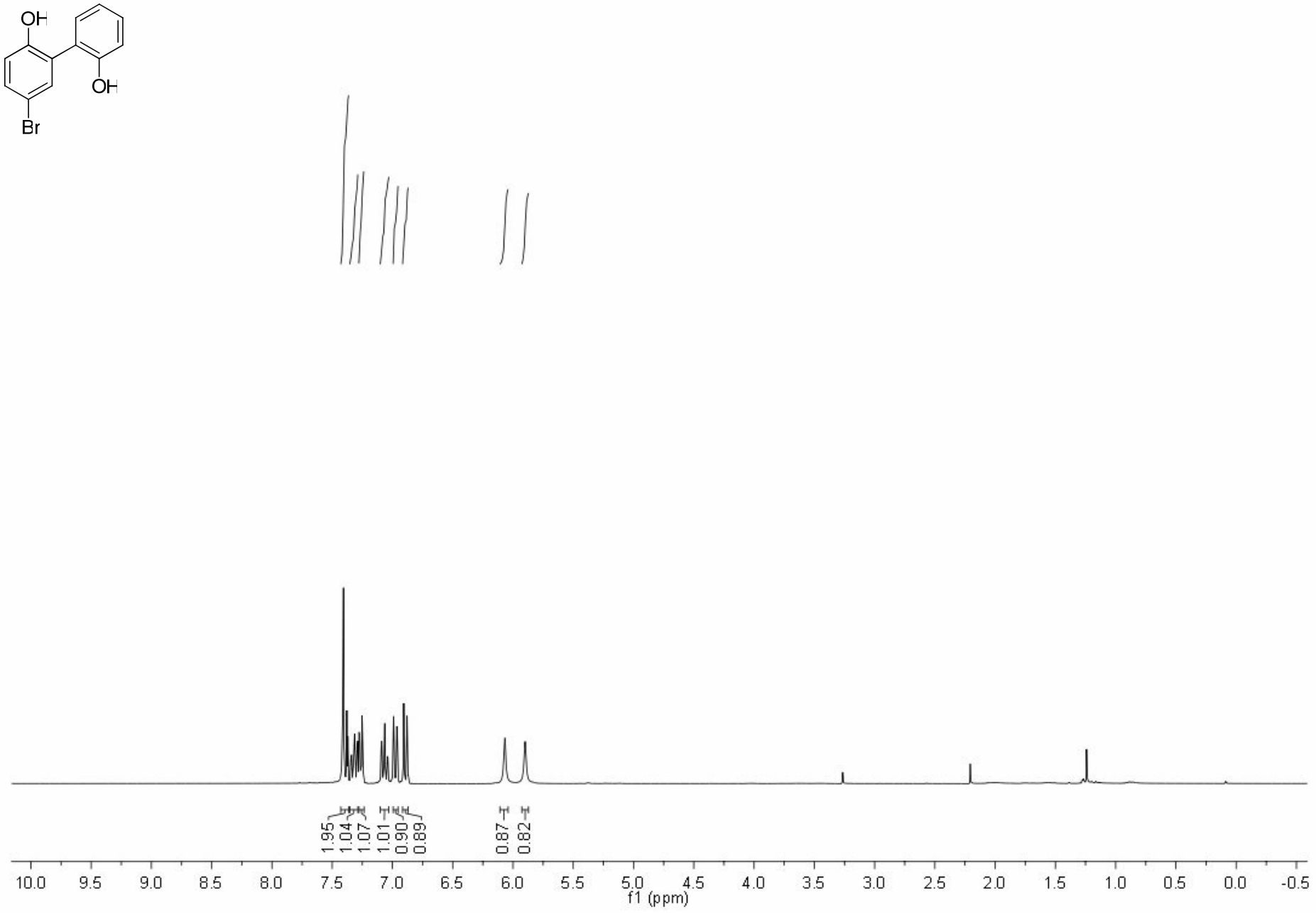
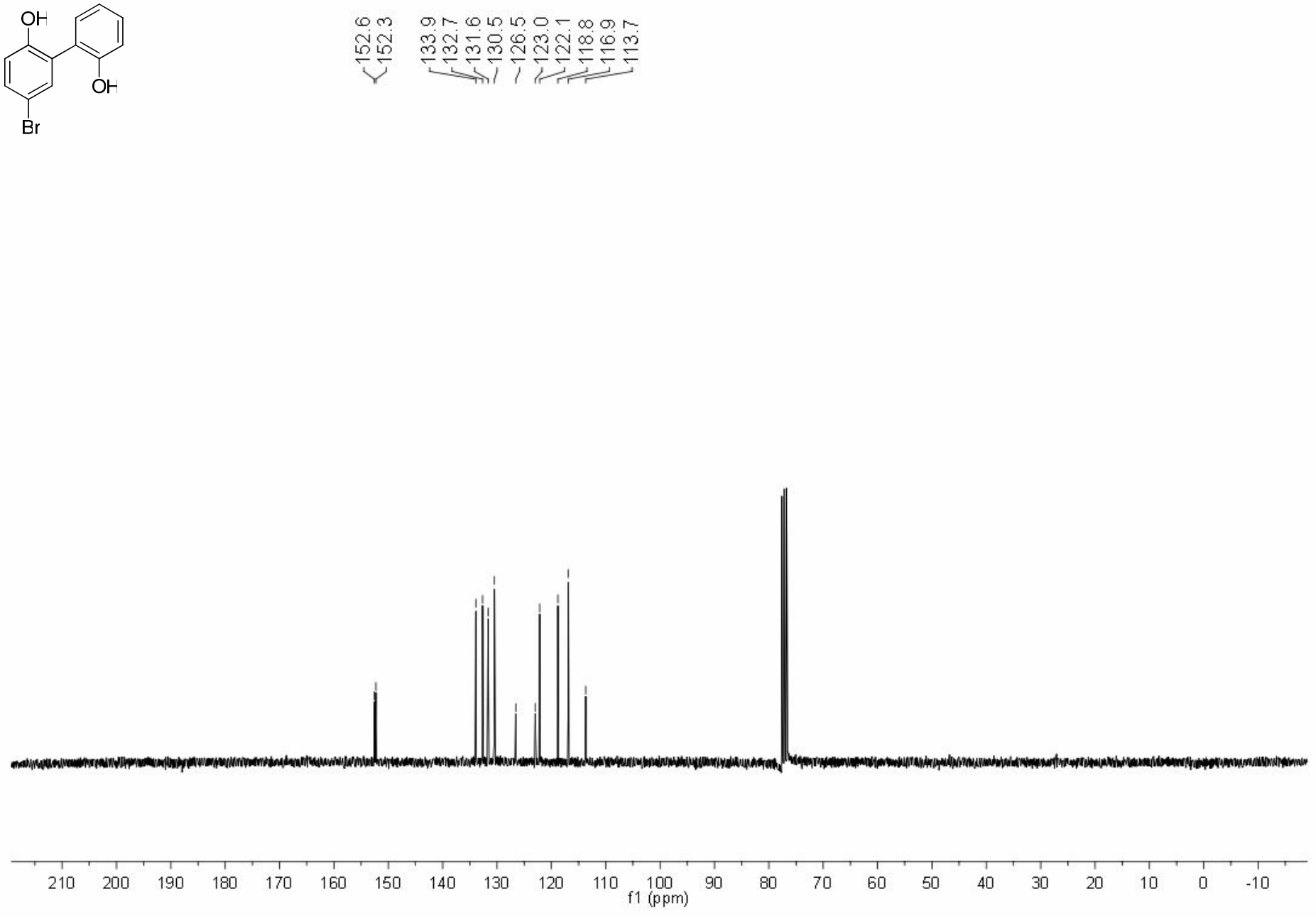
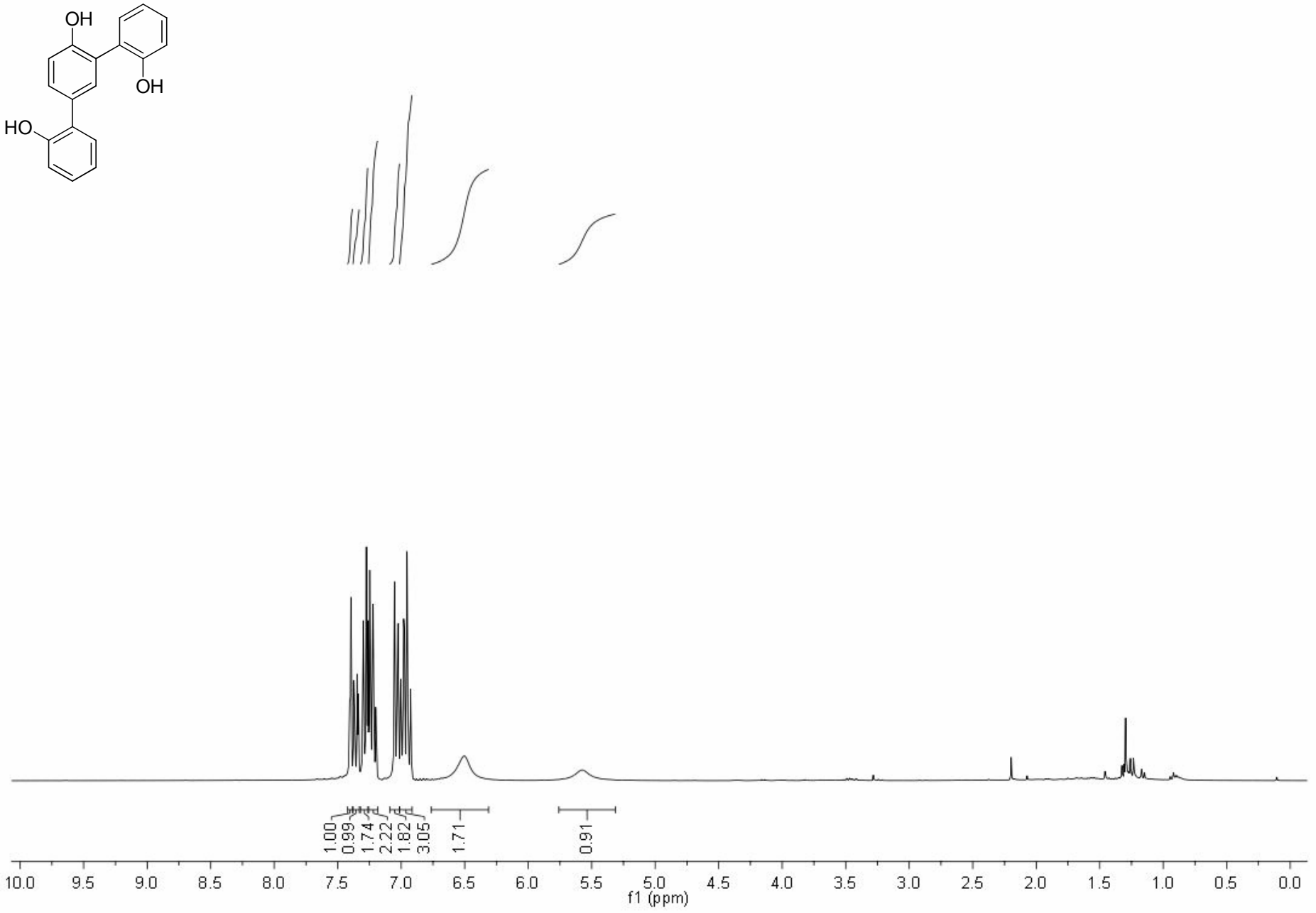


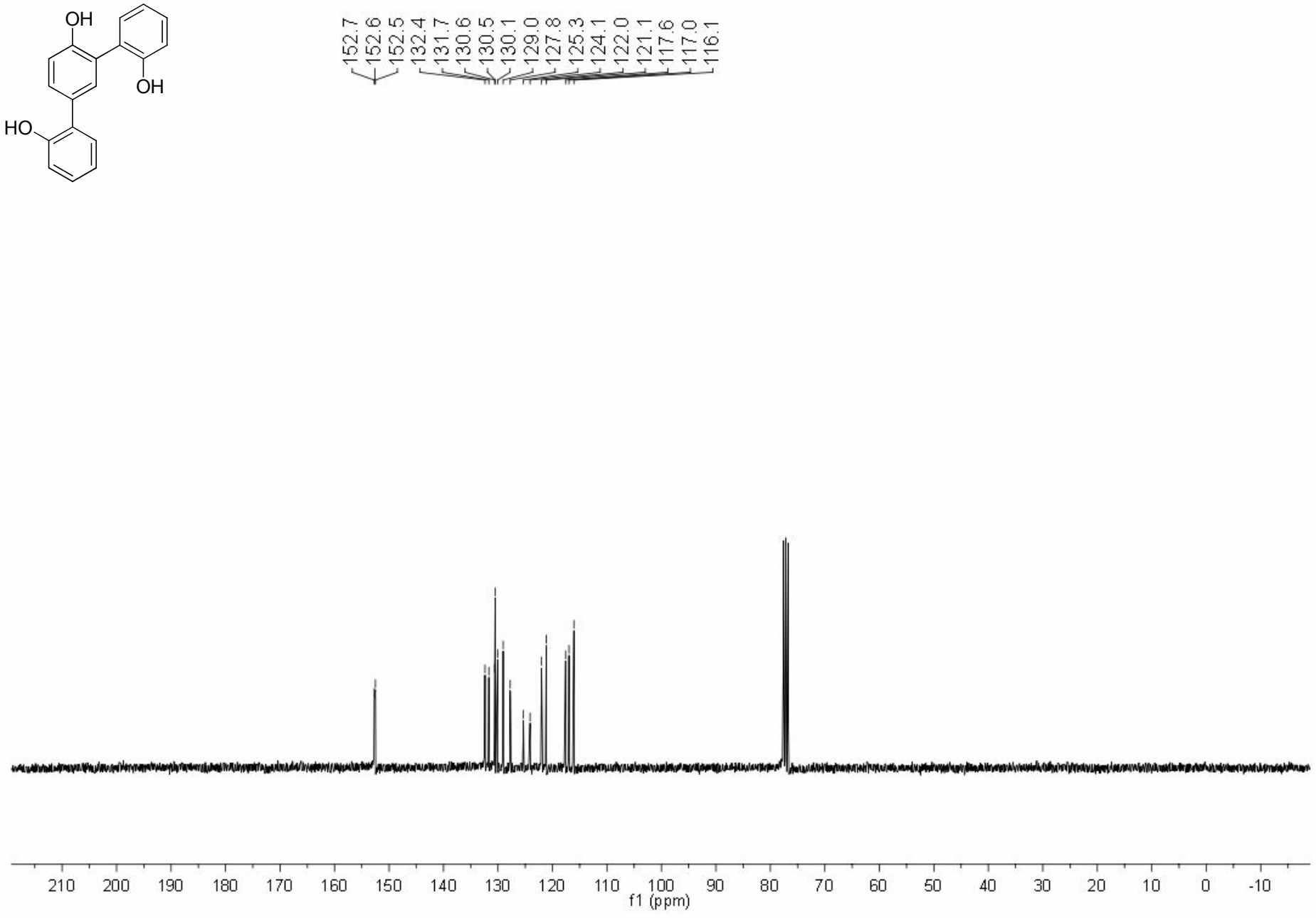
$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **3ia**



$^{1}$H NMR ($CDCl_3$, 300 MHz) of **3ia'**



$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **3ia'**



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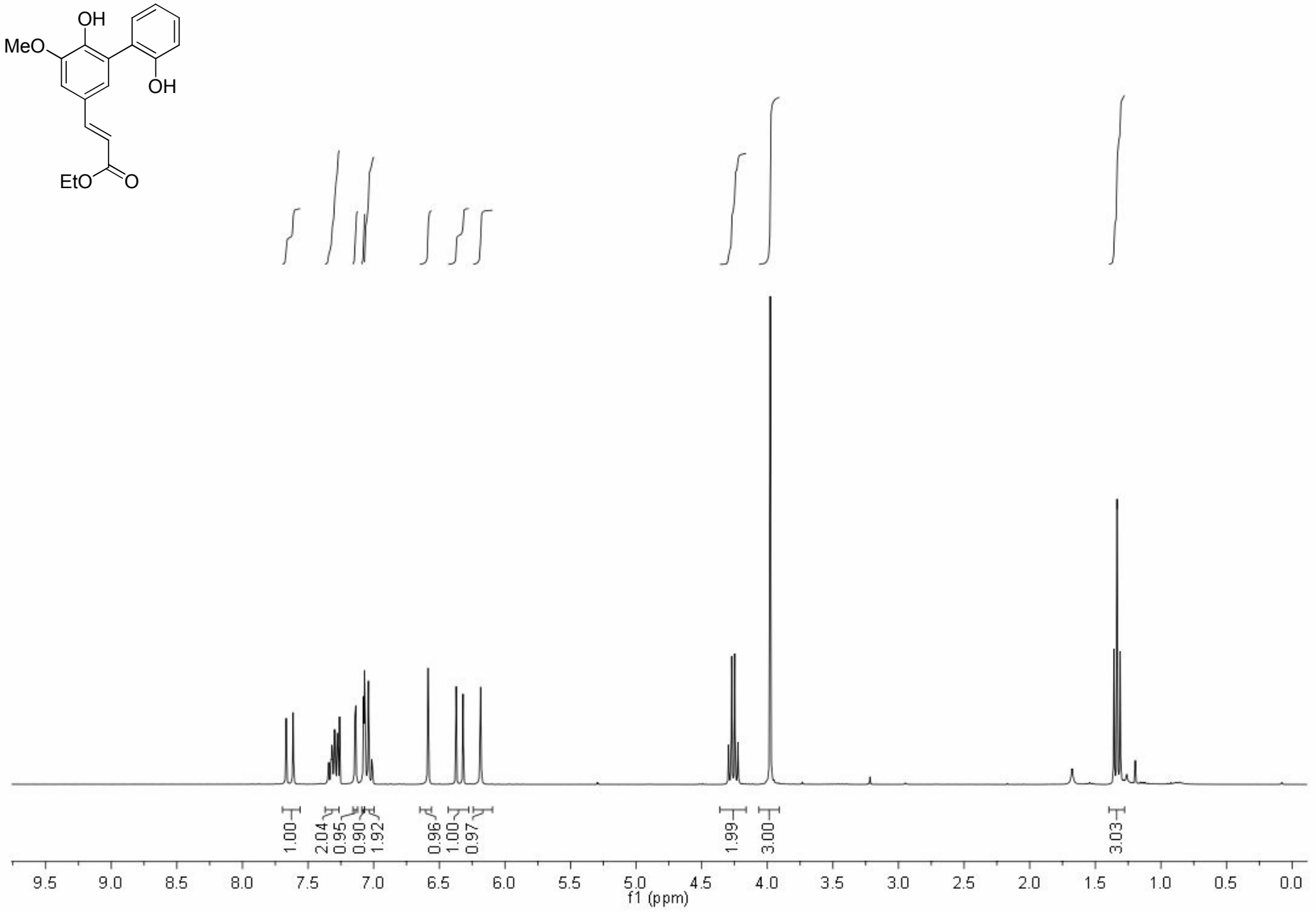

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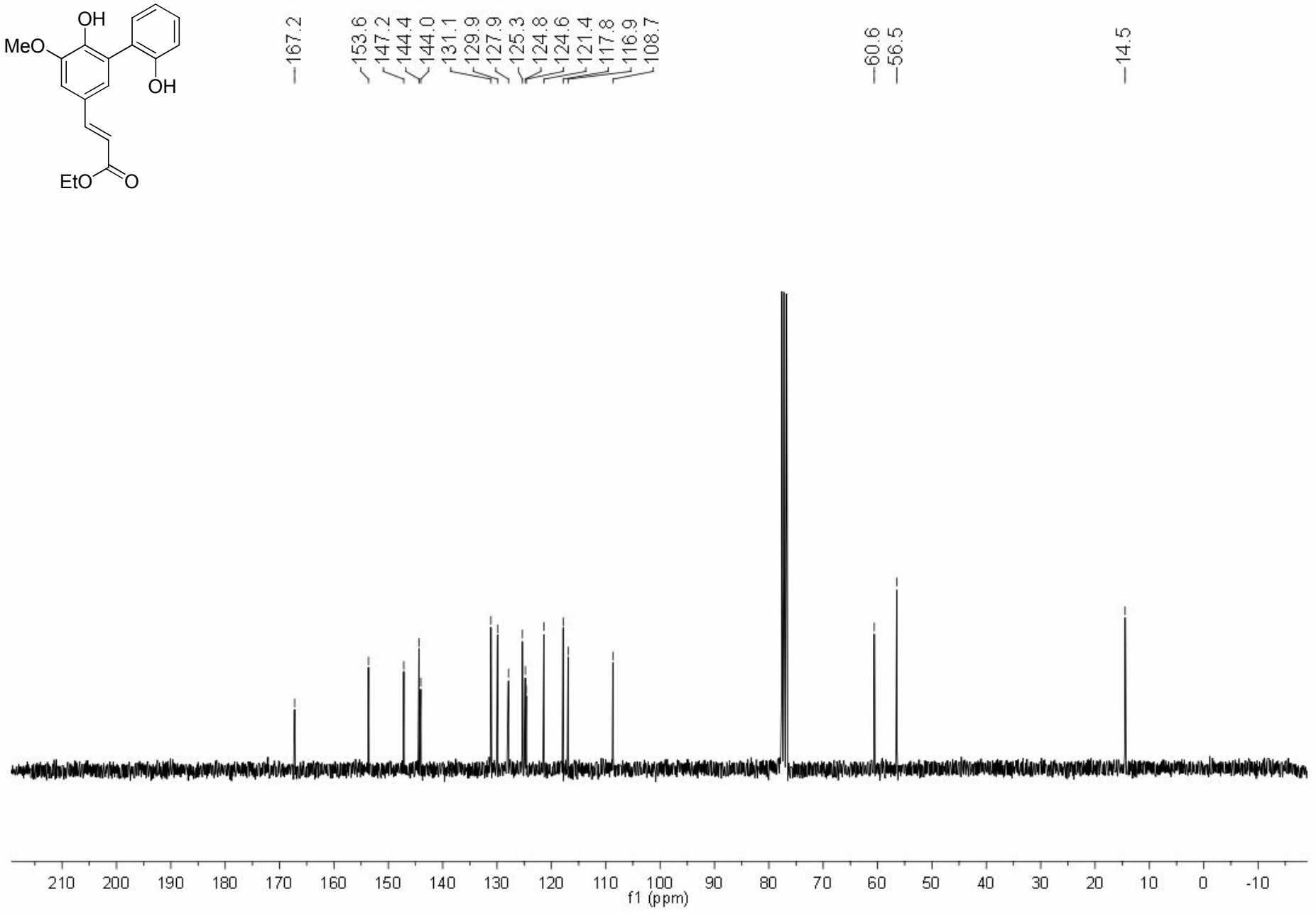
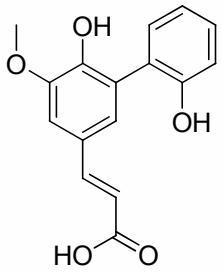
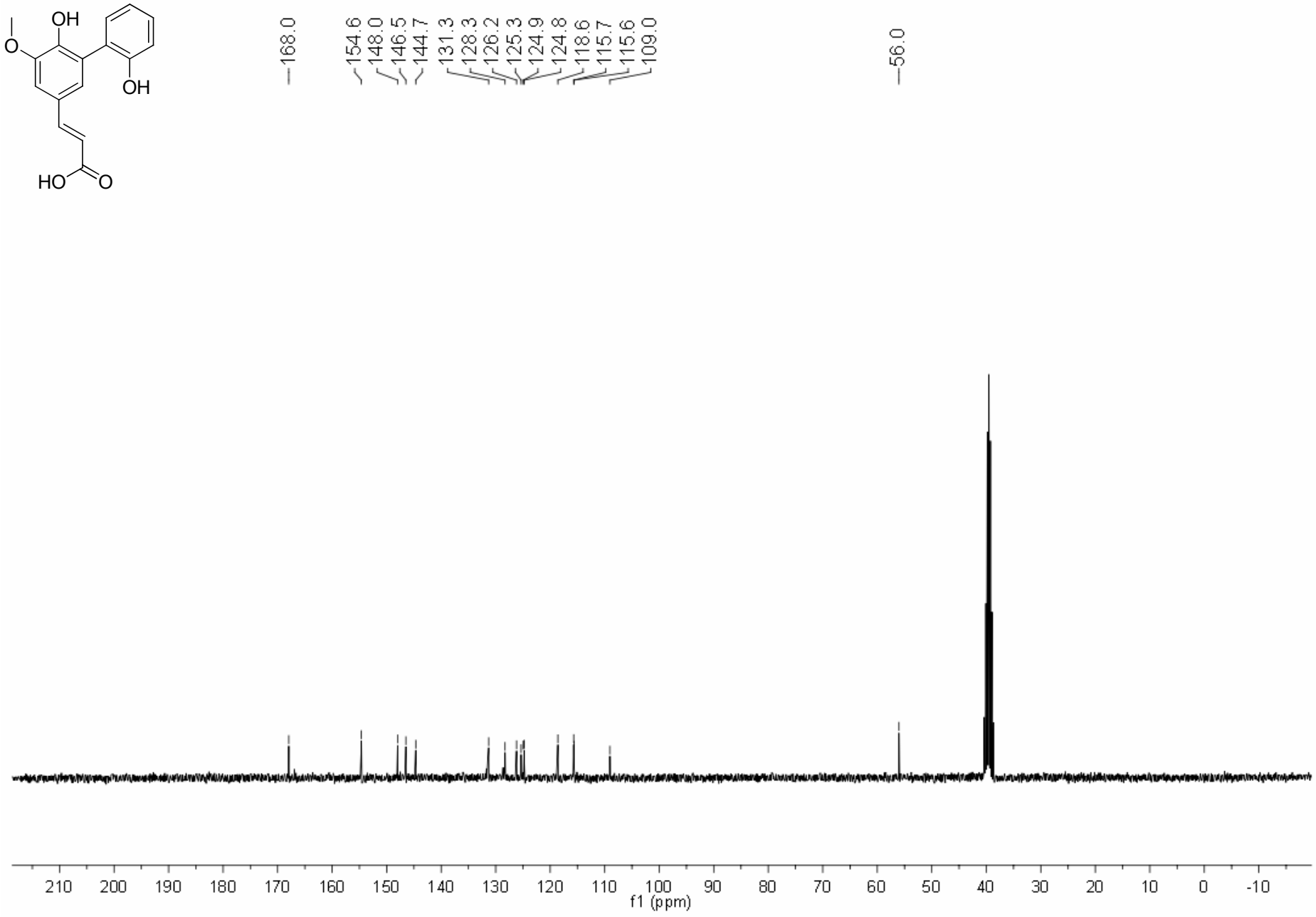


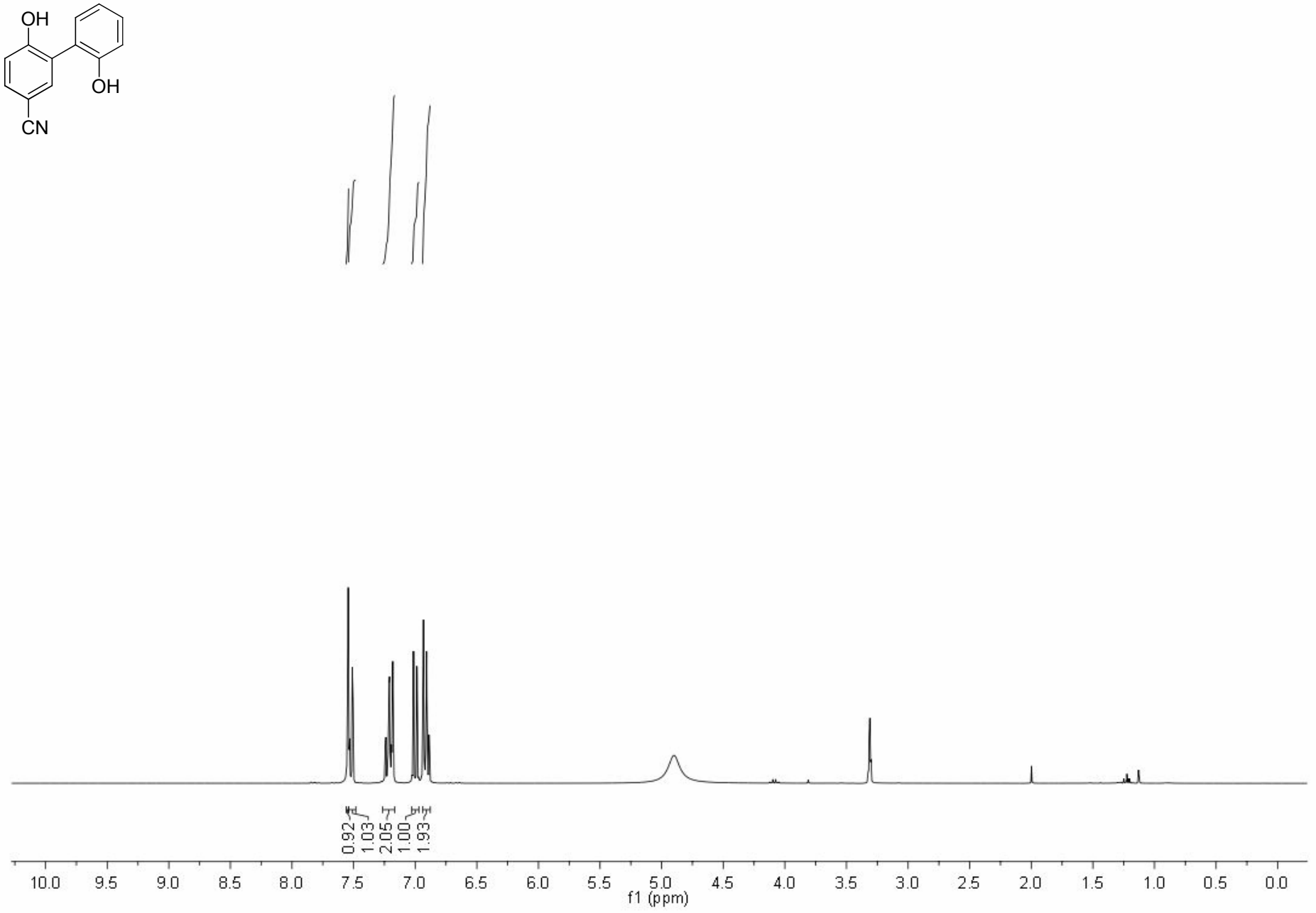
$^{1}$H NMR (DMSO-$d_6$, 300 MHz) of **3ka**



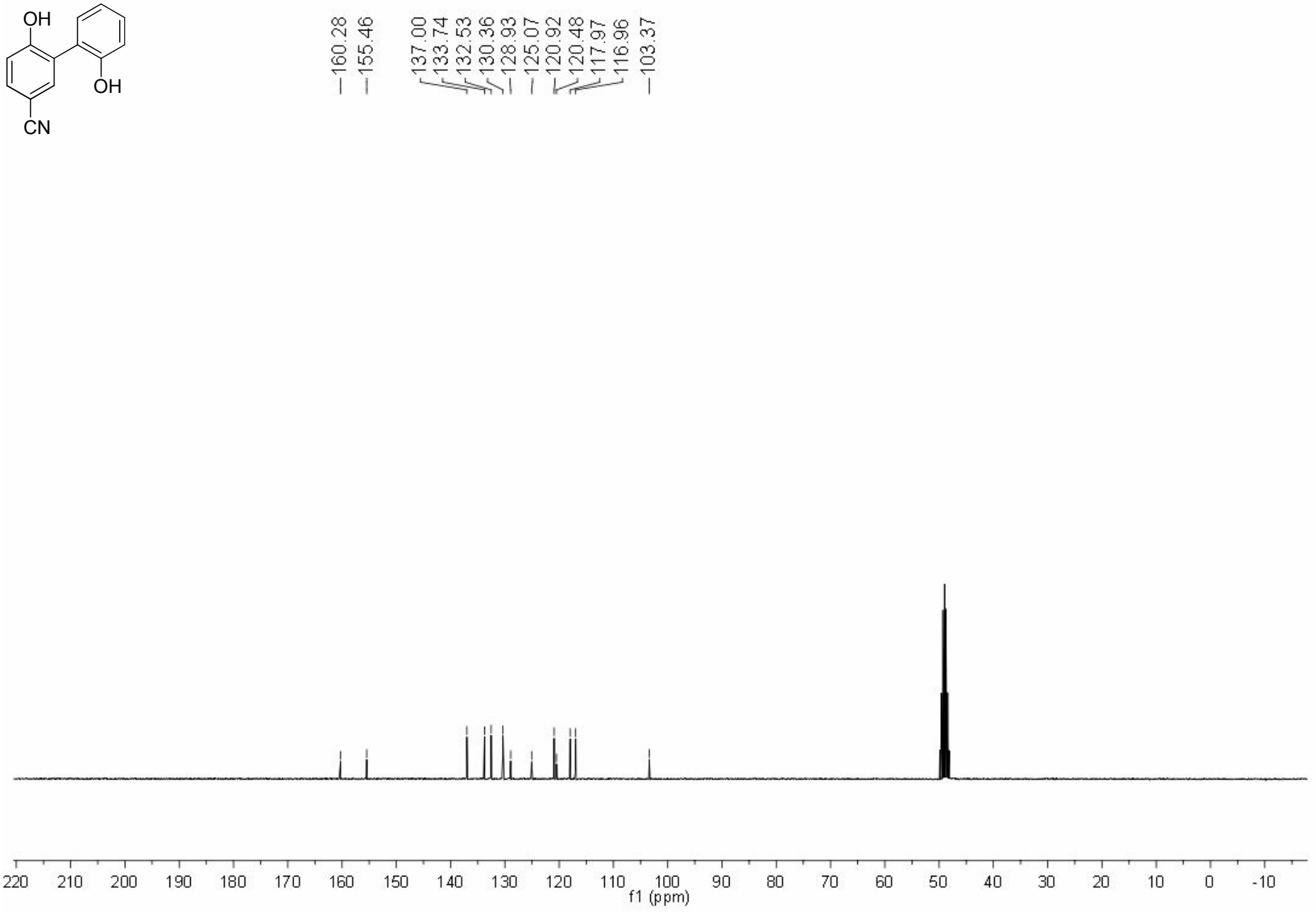
$^{13}$C NMR (DMSO-$d_6$, 75 MHz) of **3ka**



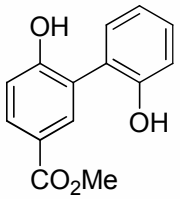
$^{1}$H NMR (methanol-$d_4$, 300 MHz) of **3la**

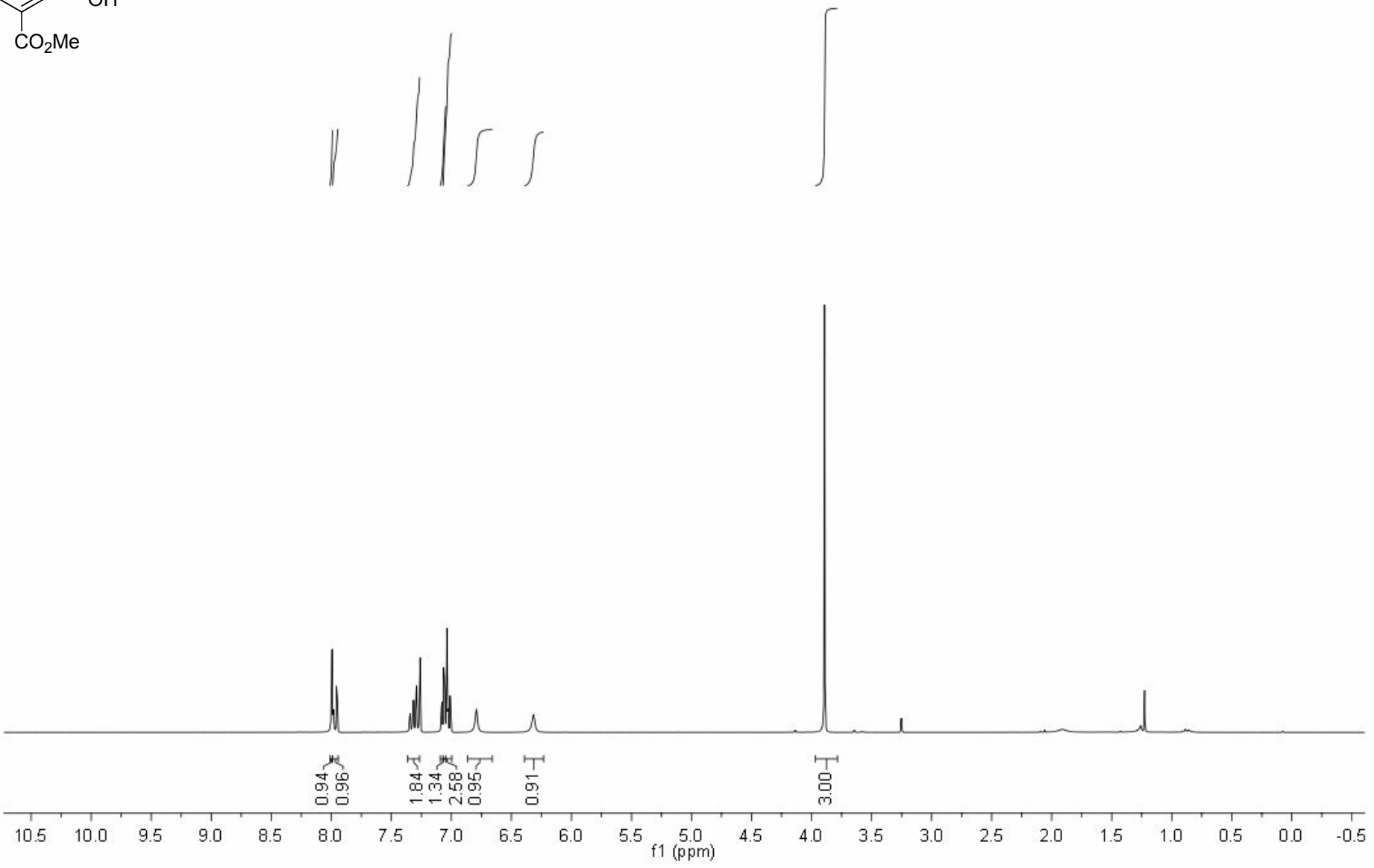


$^{13}$C NMR (methanol-$d_4$, 75 MHz) of **3la**

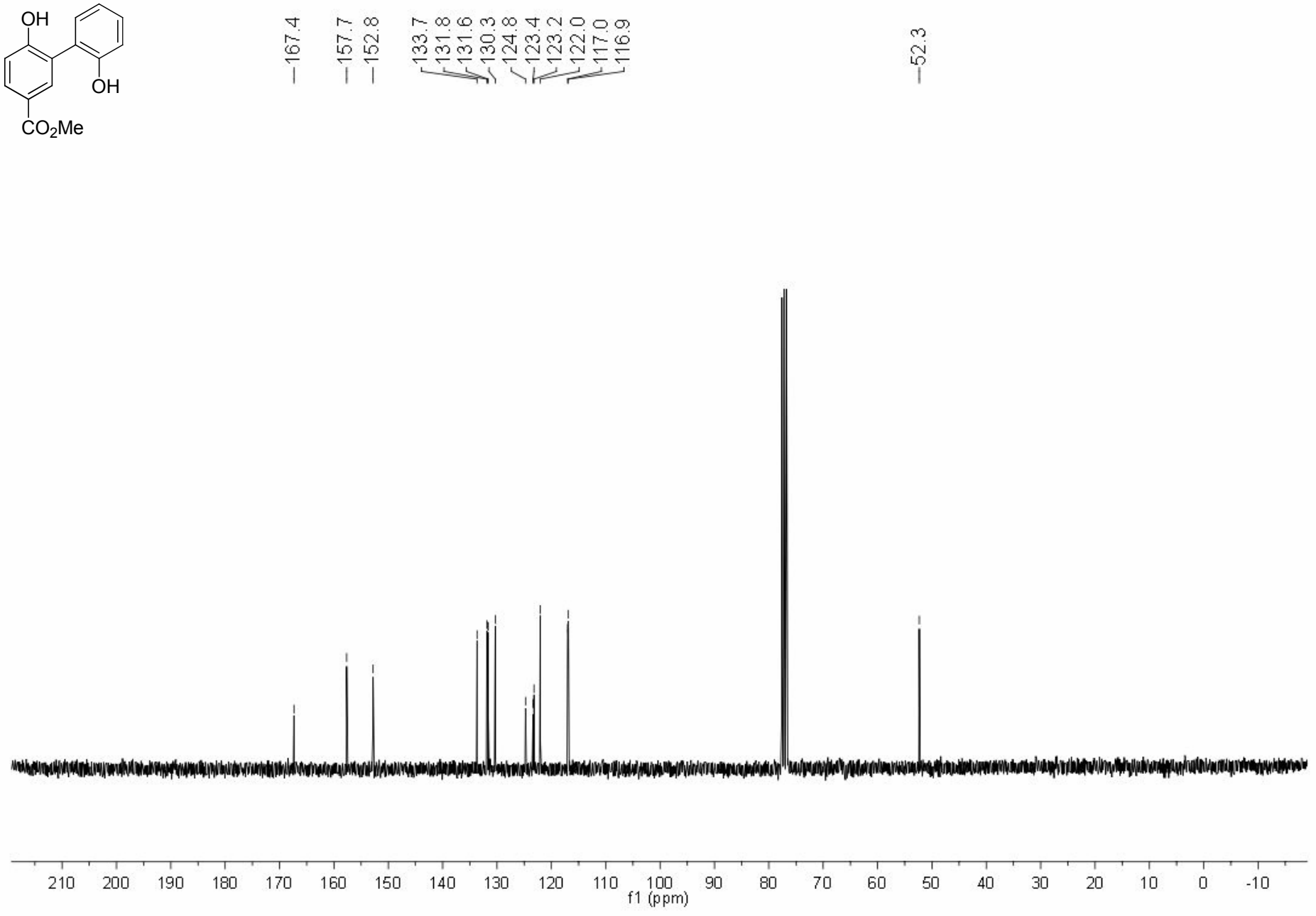


$^{1}$H NMR ($CDCl_3$, 300 MHz) of **3ma**

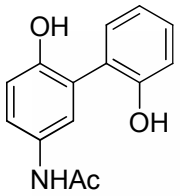


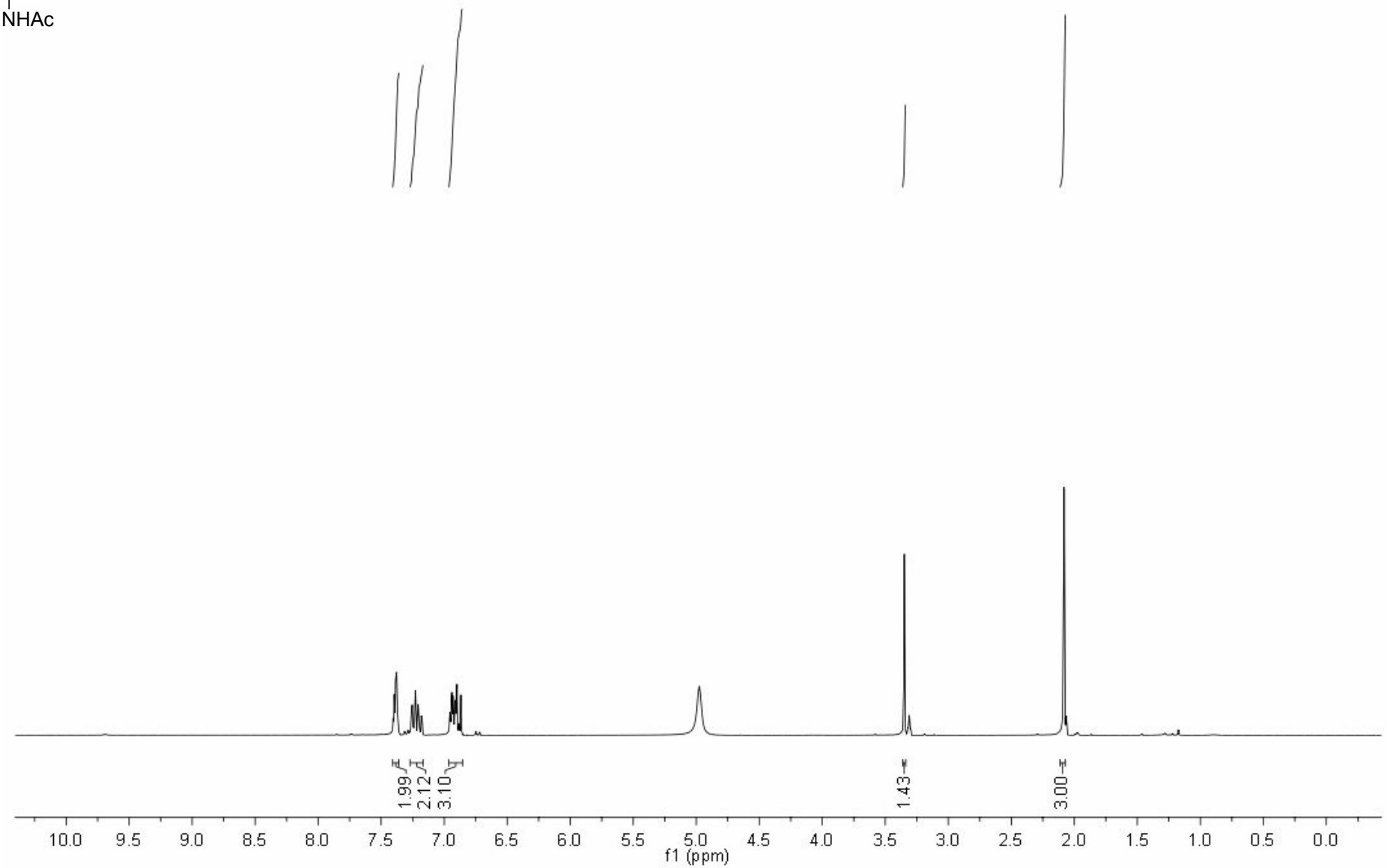



$^{13}C$ NMR ($CDCl_3$, 75 MHz) of **3ma**



$^{1}$H NMR (methanol-$d_4$, 300 MHz) of **3na**



$^{13}$C NMR (methanol-$d_4$, 75 MHz) of **3na**