

Supplementary Material (ESI) for Green Chemistry

## **Reduction of aromatic and aliphatic nitro to amine and amine with hypophosphites associated with Pd/C.**

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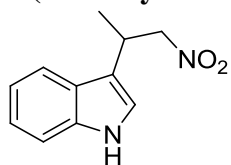
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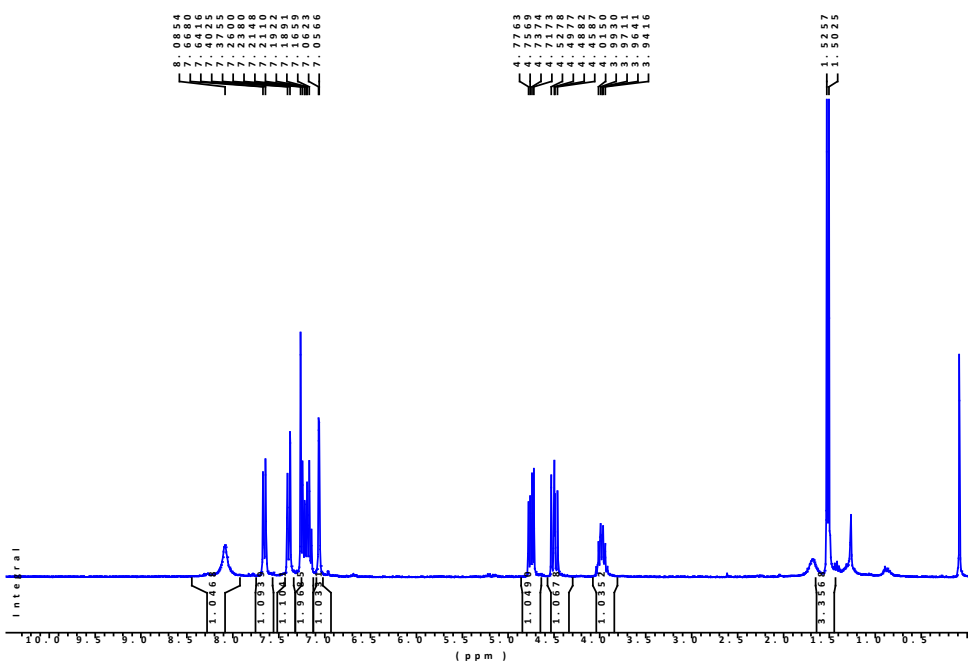
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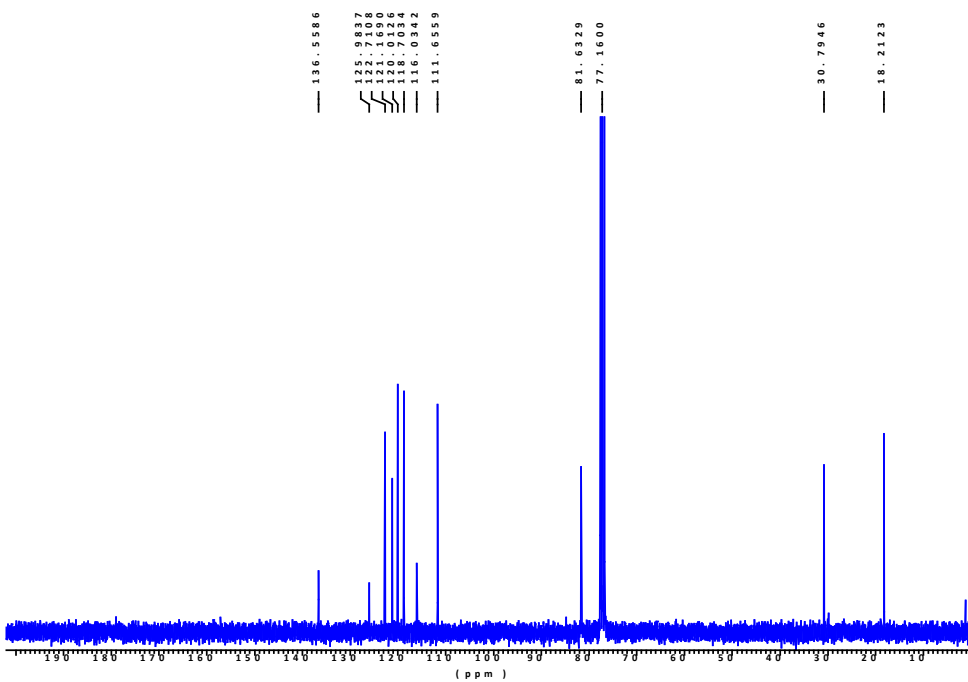
### 3-(1-Methyl-2-nitro-ethyl)-1H-indole (1)



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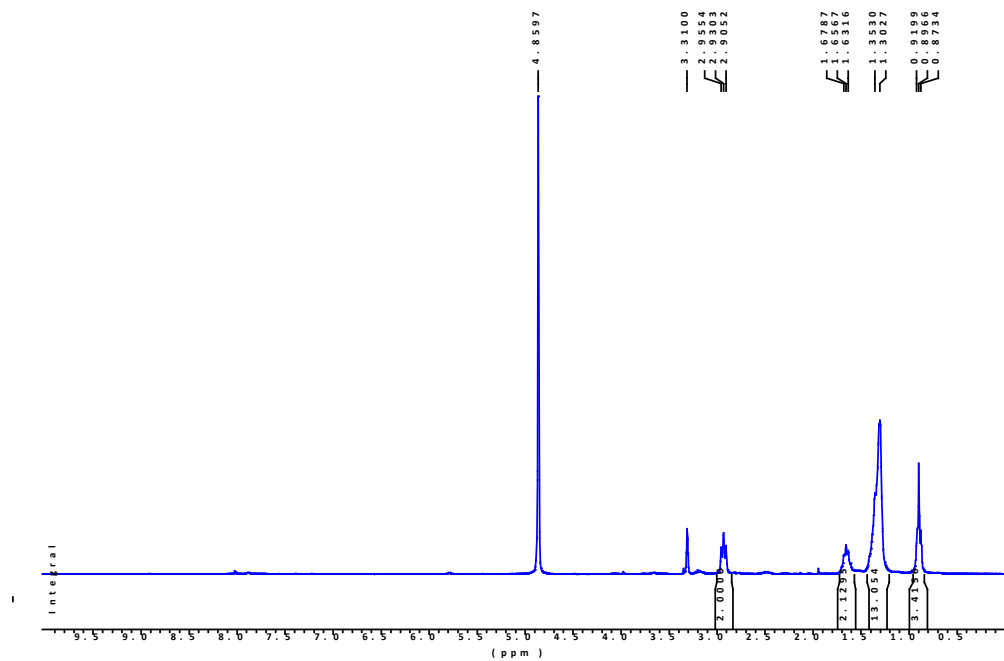
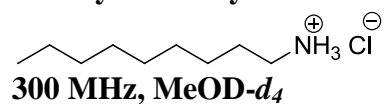


75 MHz, CDCl<sub>3</sub>

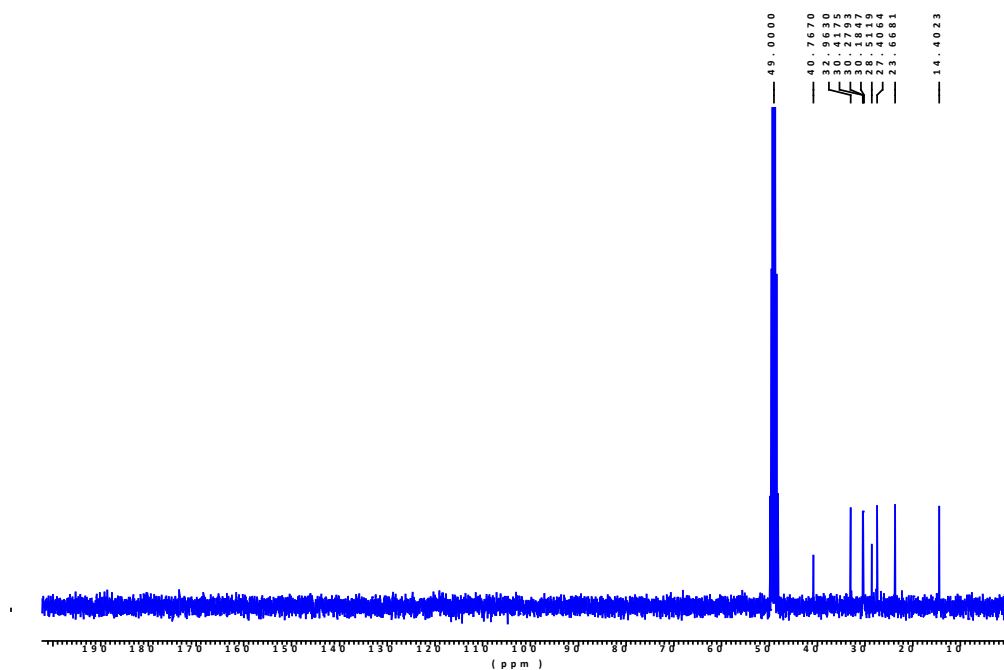




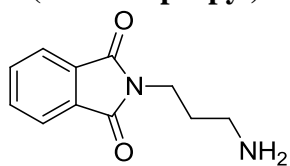
### 1-Nonylamine hydrochloride (3)



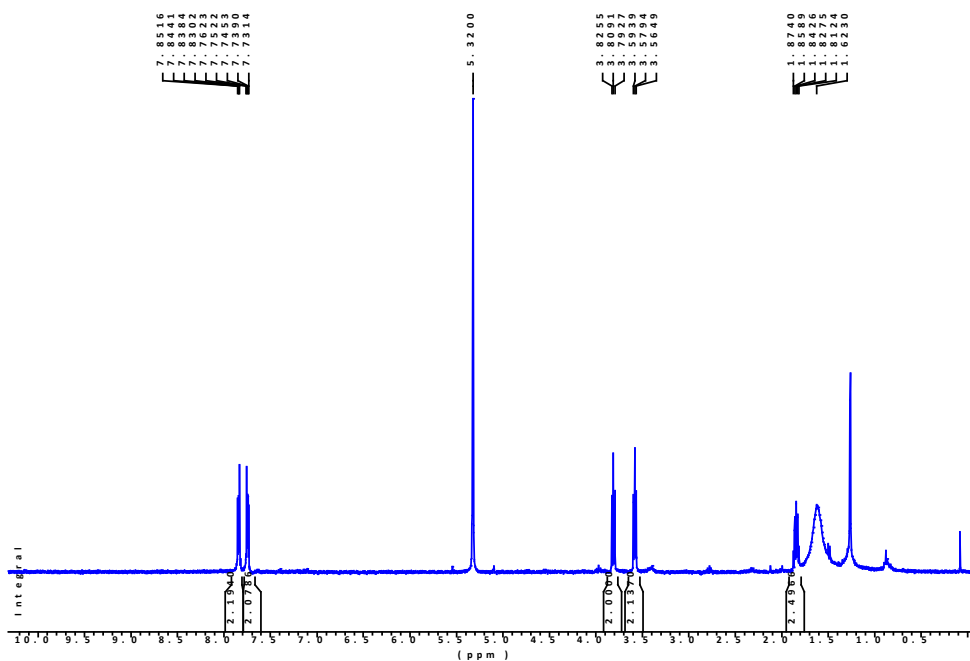
### 75 MHz, MeOD-*d*<sub>4</sub>



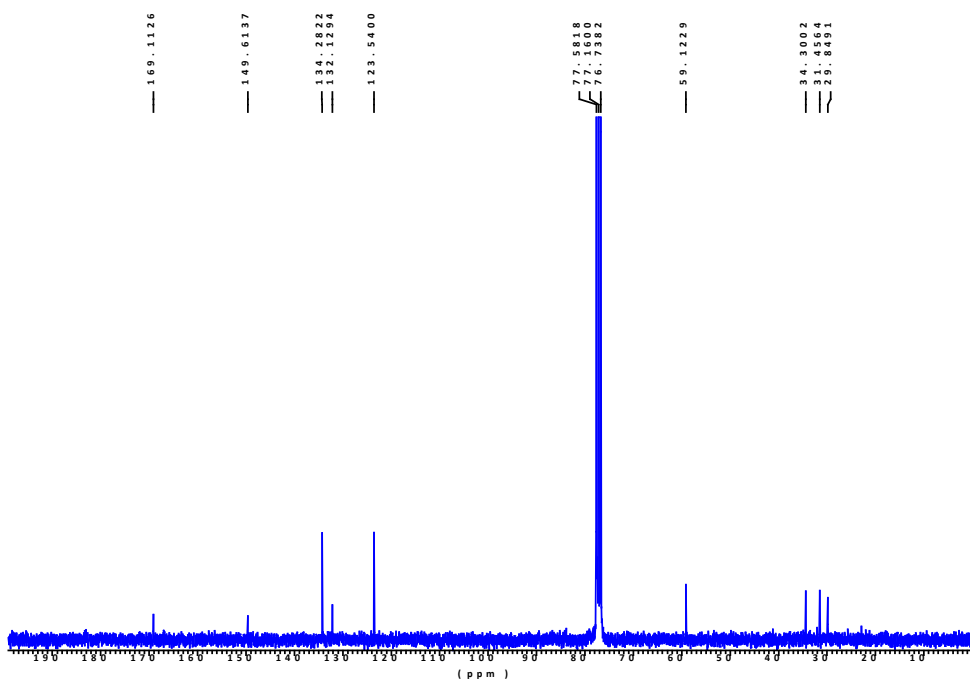
### 2-(3-Aminopropyl)isoindoline-1,3-dione (4)



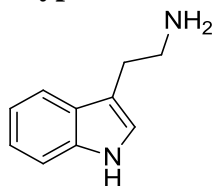
400 MHz, CD<sub>2</sub>Cl<sub>2</sub>



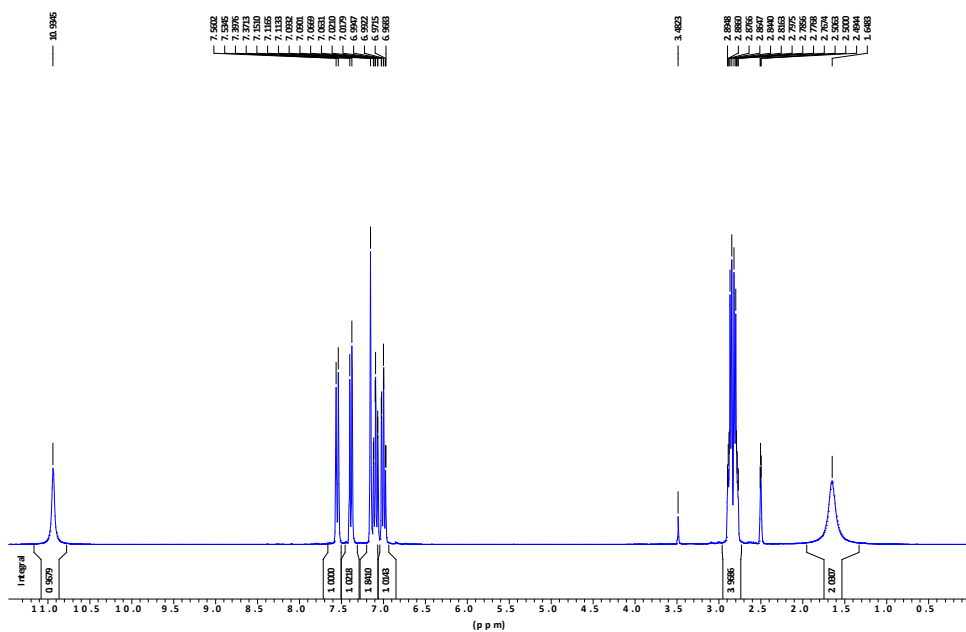
125 MHz, CDCl<sub>3</sub>



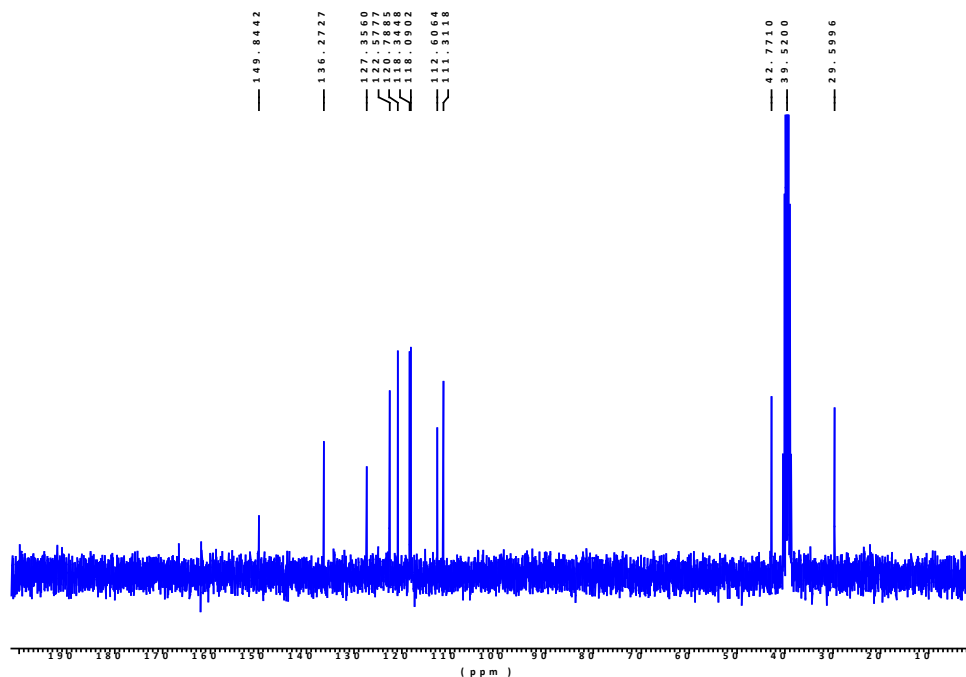
### Tryptamine [61-54-1] (5)



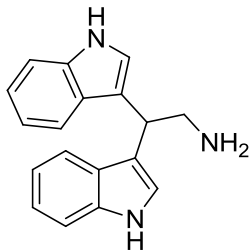
300 MHz, DMSO-*d*<sub>6</sub>



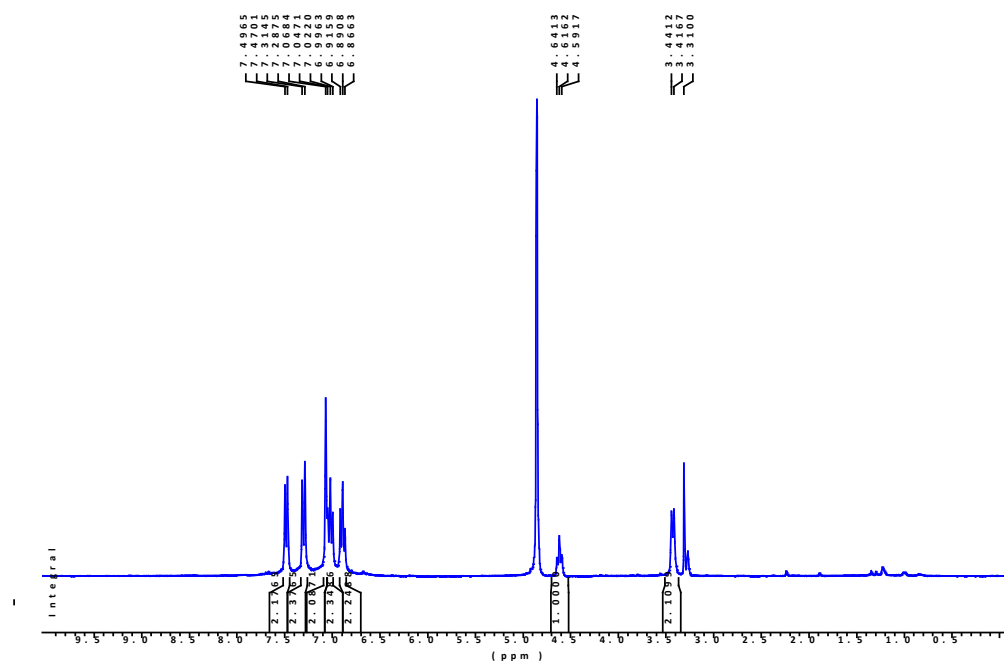
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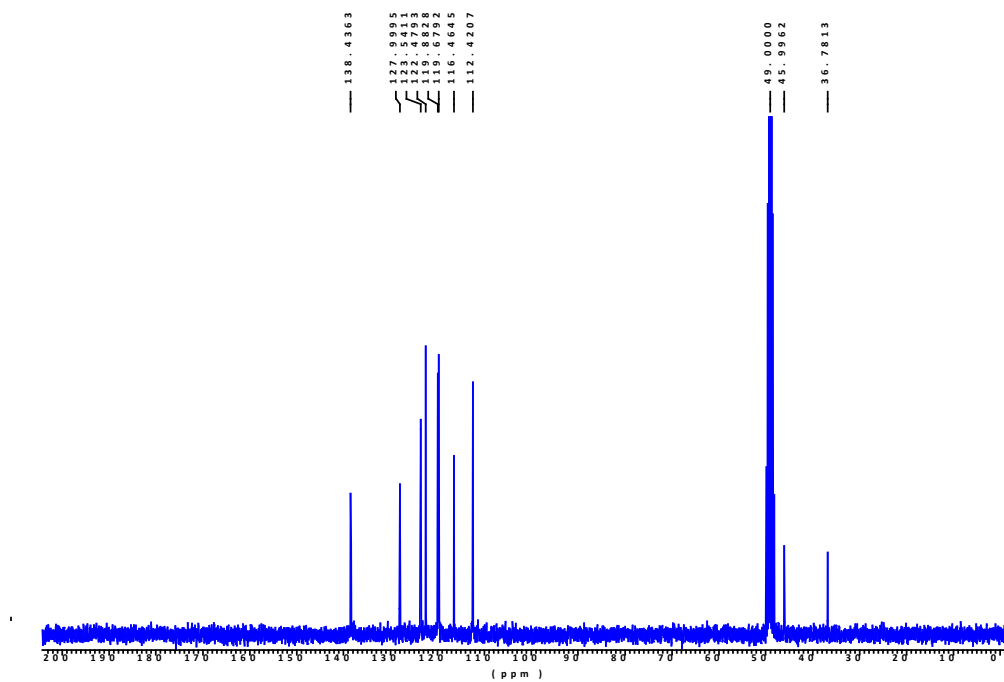
### 2,2-Di(1*H*-indol-3-yl)ethanamine (6)



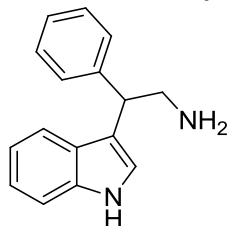
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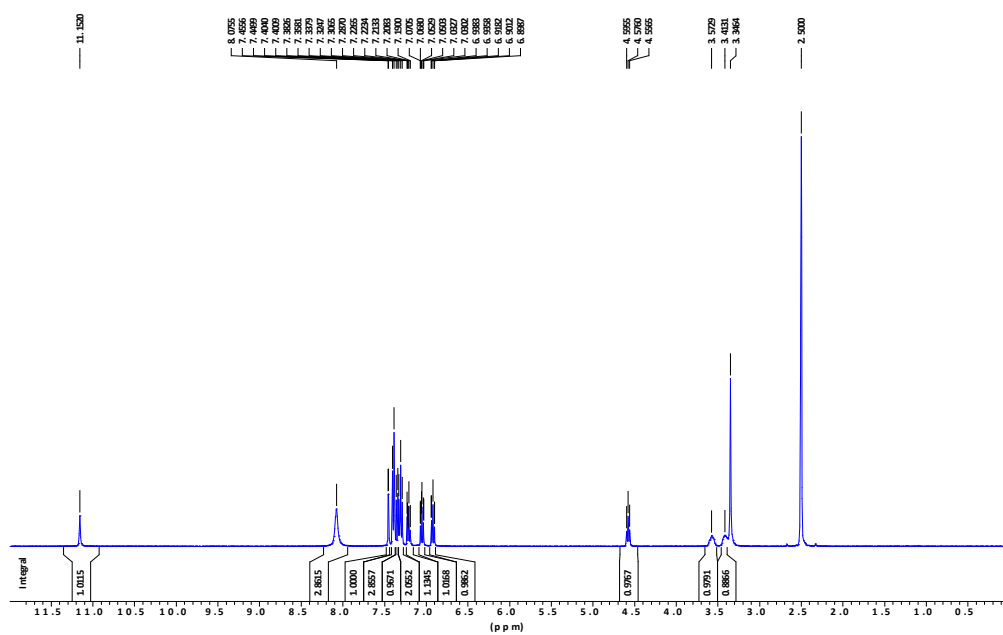
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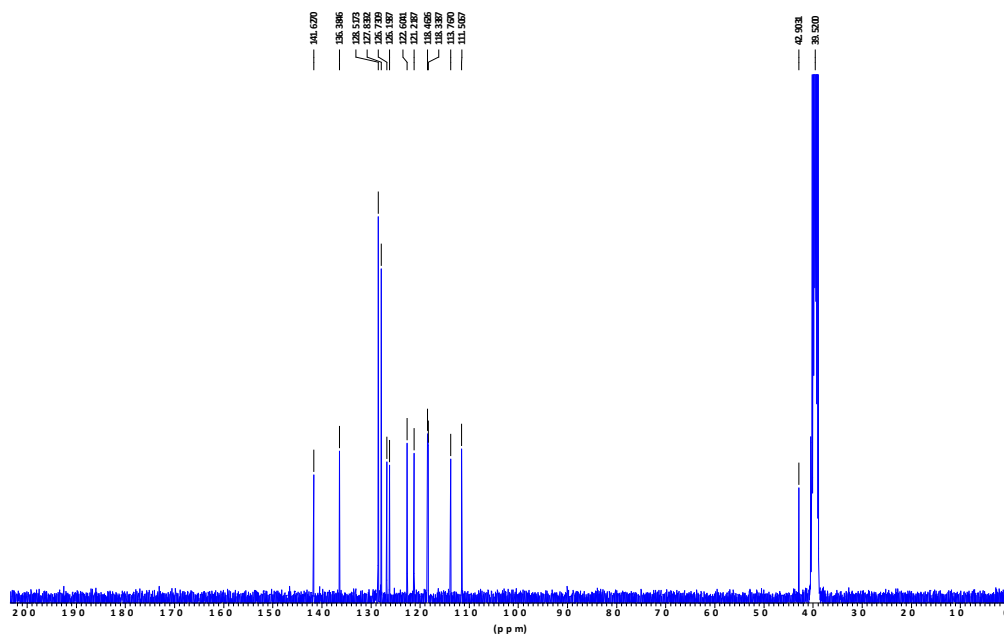
## 2-(1*H*-Indol-3-yl)-2-phenyl-ethylamine (7)



400 MHz, DMSO-*d*<sub>6</sub>

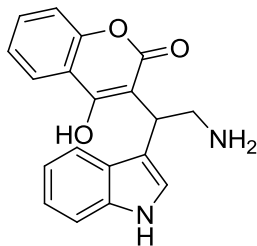


100 MHz, DMSO-*d*<sub>6</sub>

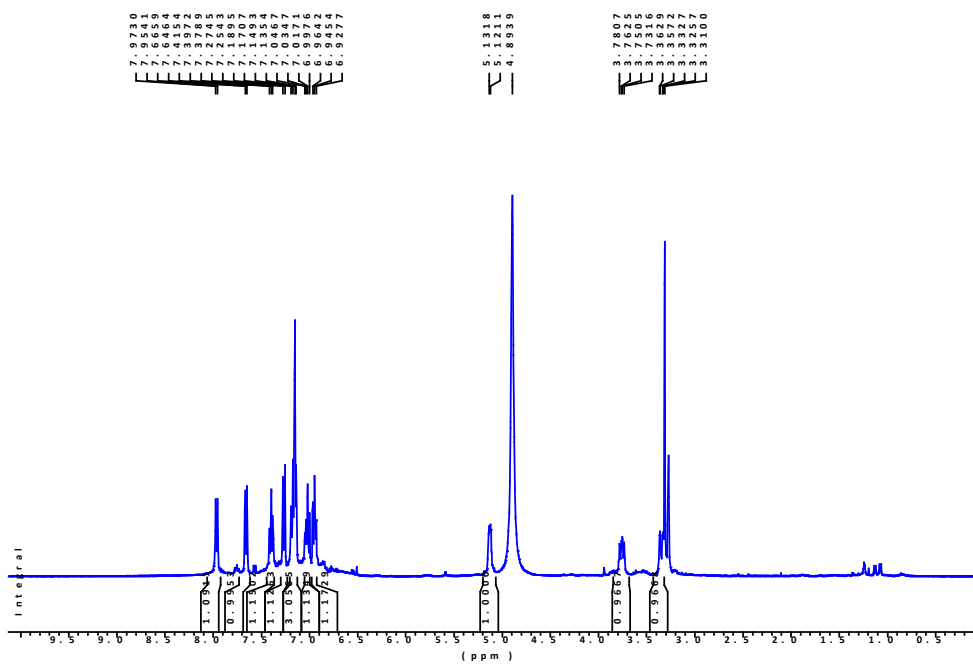




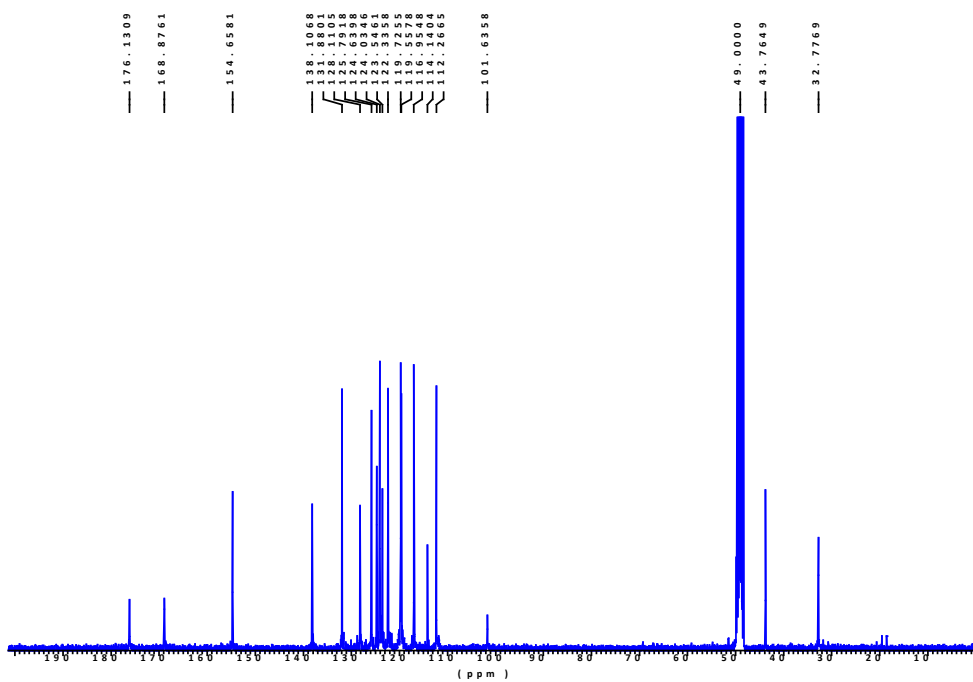
### 3-(2-Amino-1-[1-(1*H*-indol-3-yl)ethyl]-4-hydroxy-2*H*-chromen-2-one (8)



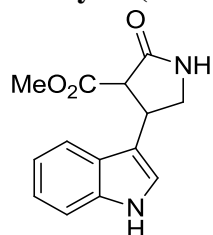
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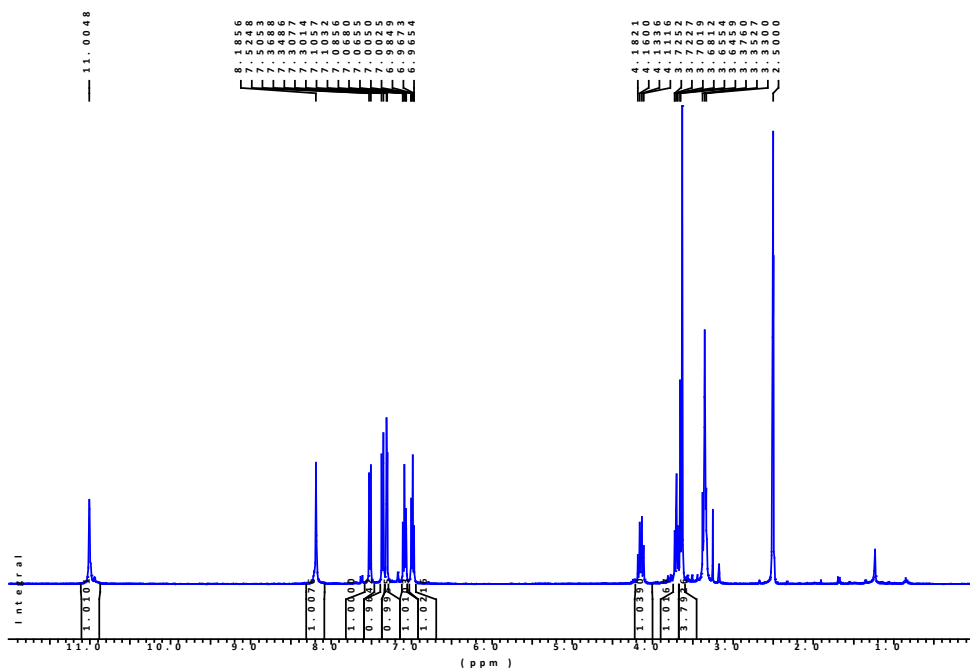
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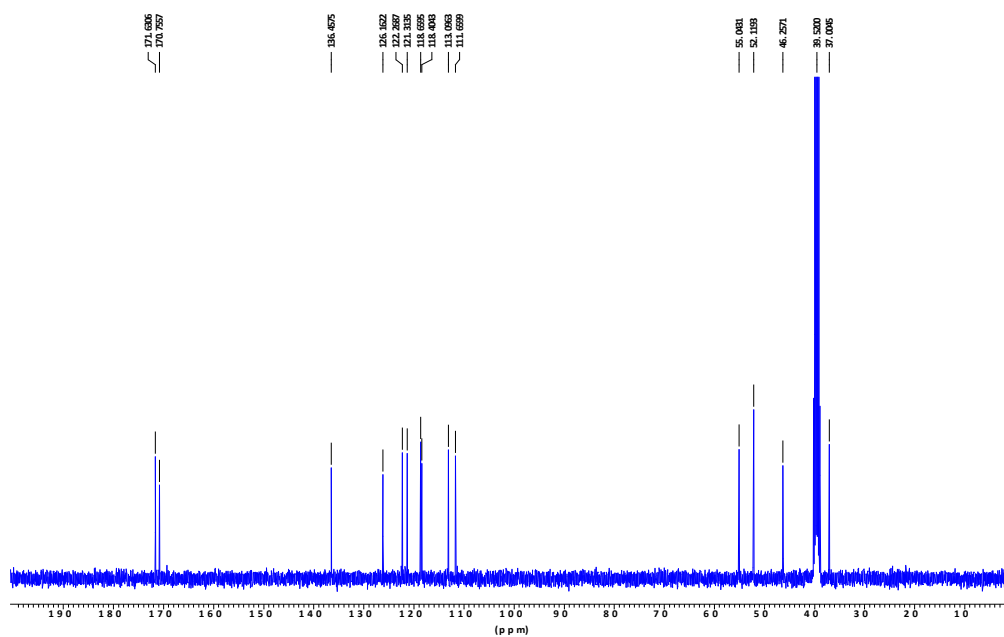
### Methyl 4-(1*H*-indol-3-yl)-2-oxopyrrolidine-3-carboxylate (9)



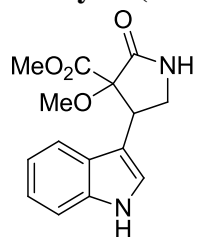
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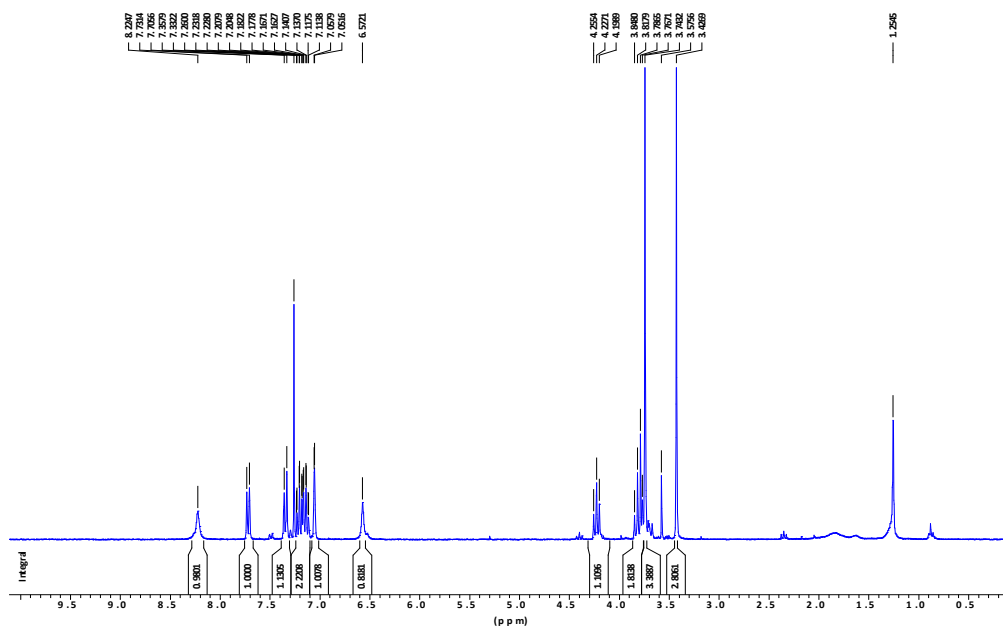
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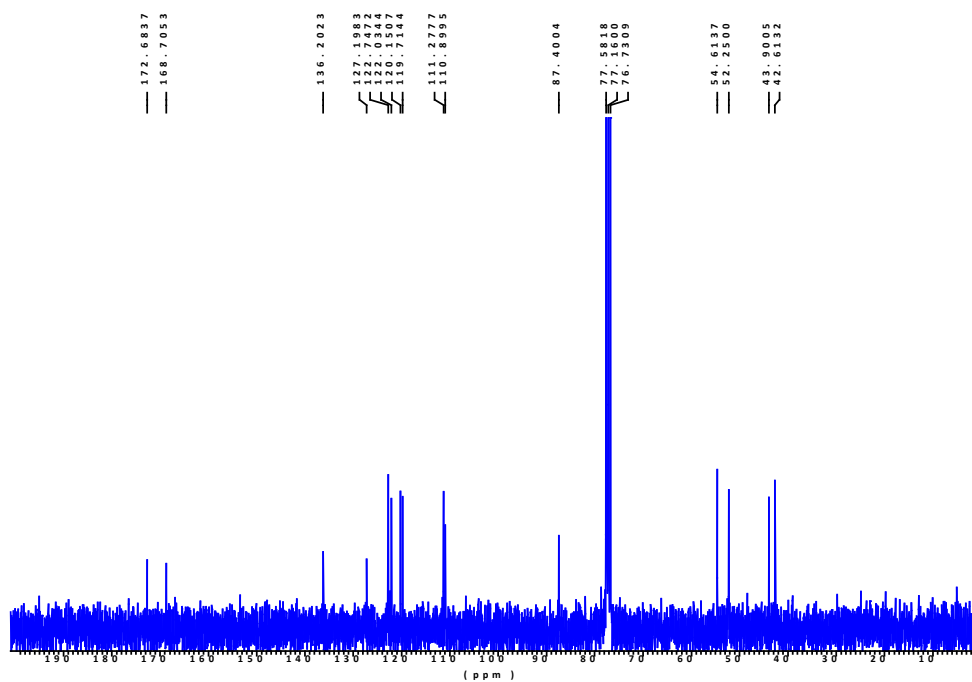
### Methyl 4-(1*H*-indol-3-yl)-3-methoxy-2-oxopyrrolidine-3-carboxylate (10)



300 MHz, DMSO-*d*<sub>6</sub>

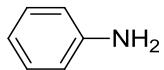


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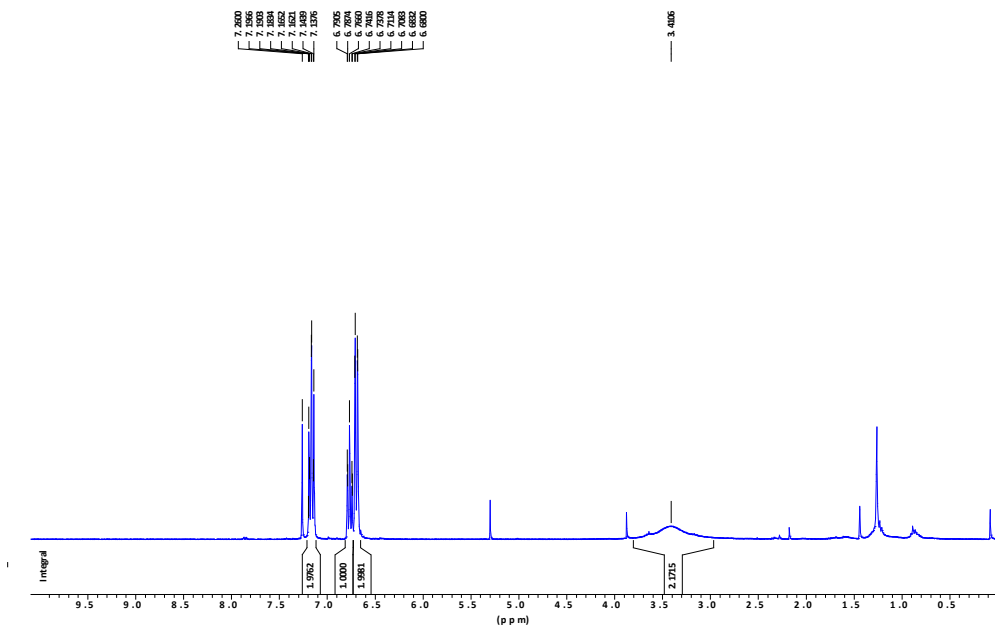




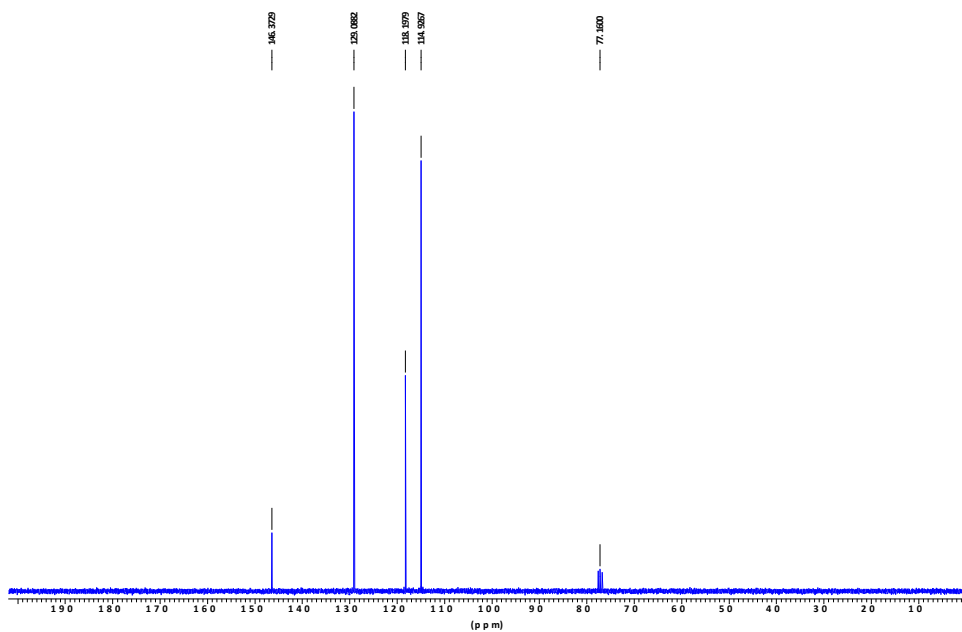
### Aniline [62-53-3] (12)



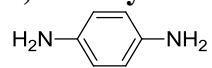
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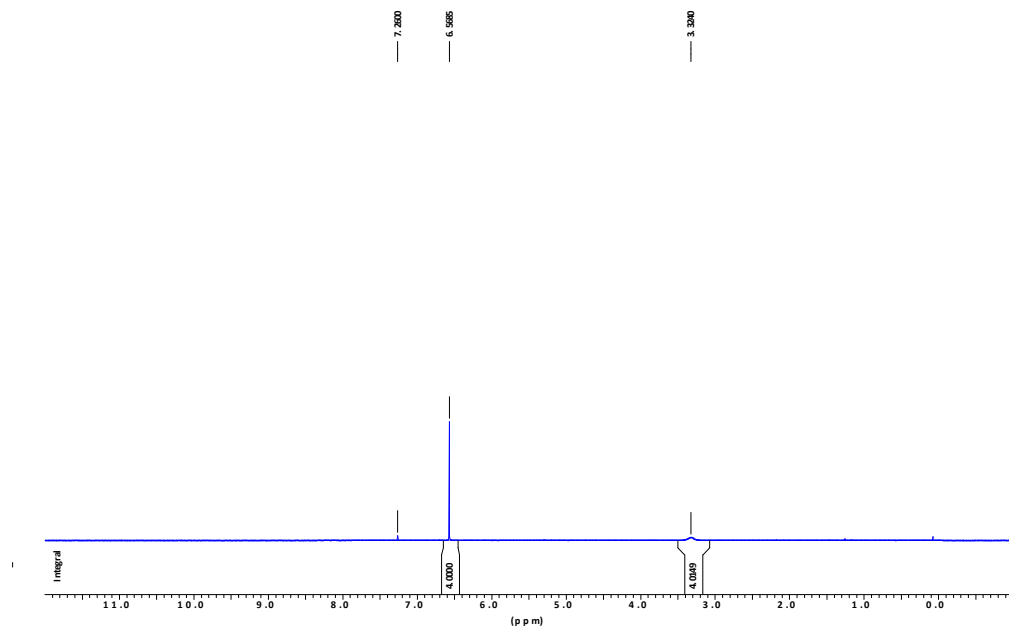
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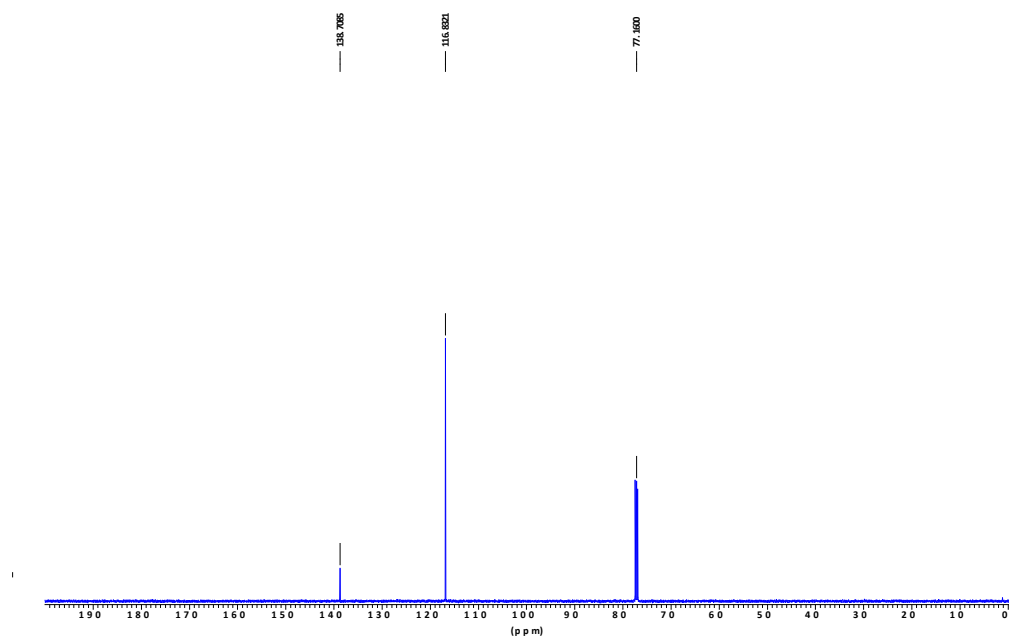
### 1,4-Phenylenediamine [106-50-3] (13)



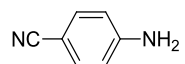
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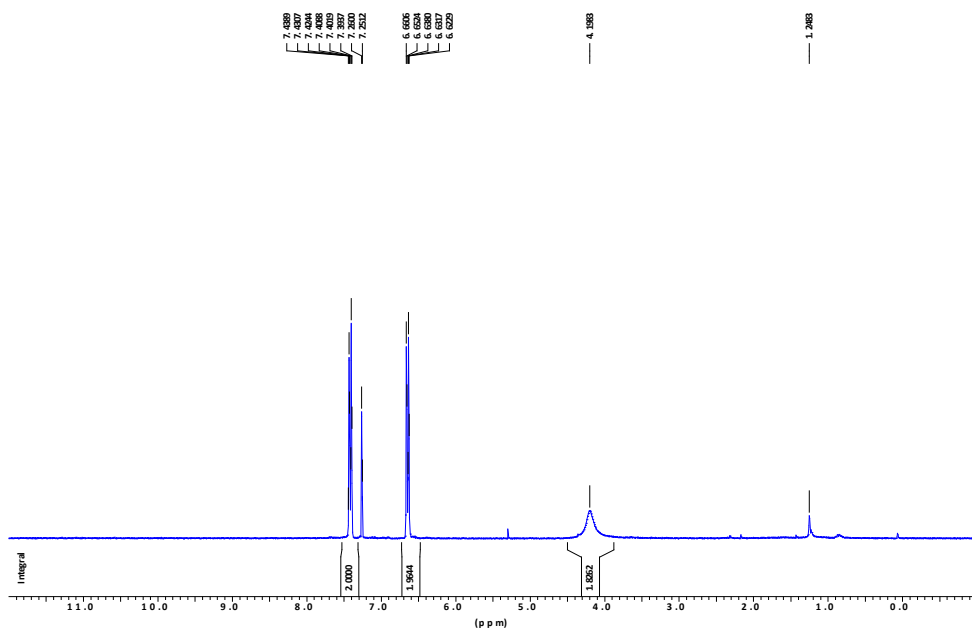
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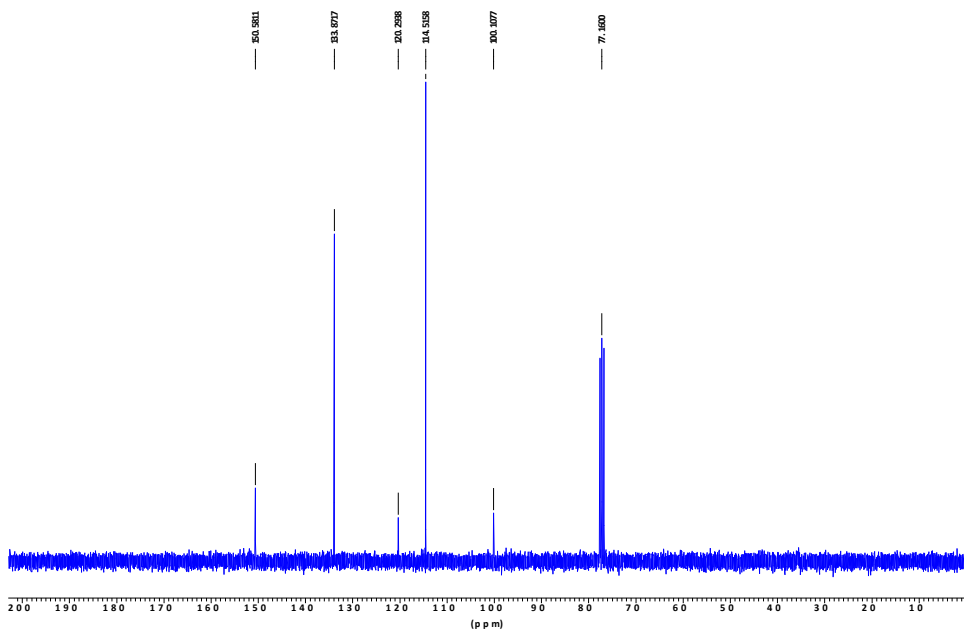
### 4-Aminobenzonitrile [873-74-5] (14)



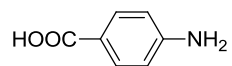
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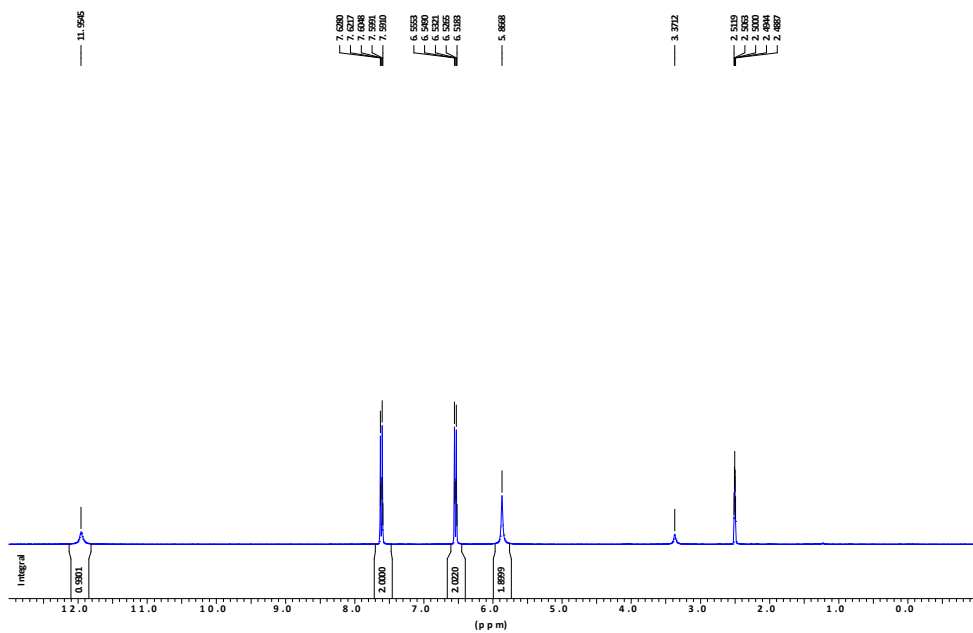
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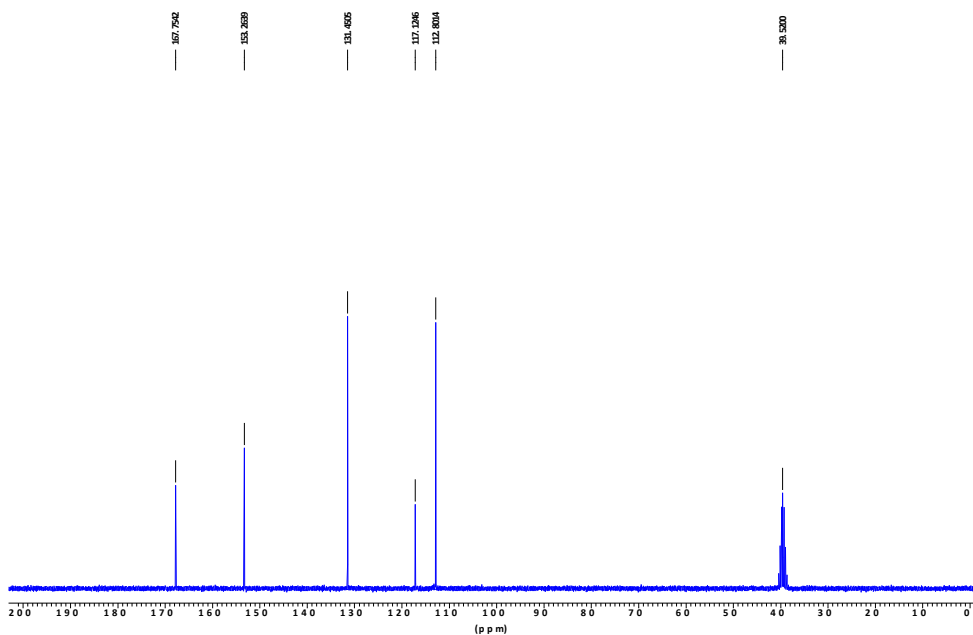
### 4-Aminobenzoic acid [150-13-0] (15)



300 MHz, DMSO-*d*<sub>6</sub>

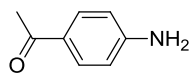


75 MHz, DMSO-*d*<sub>6</sub>

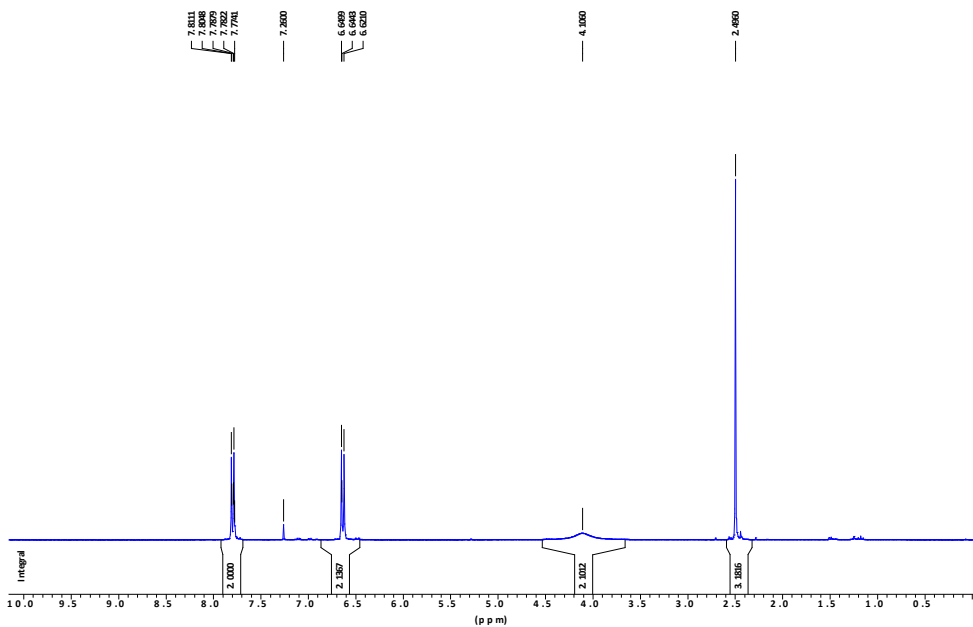




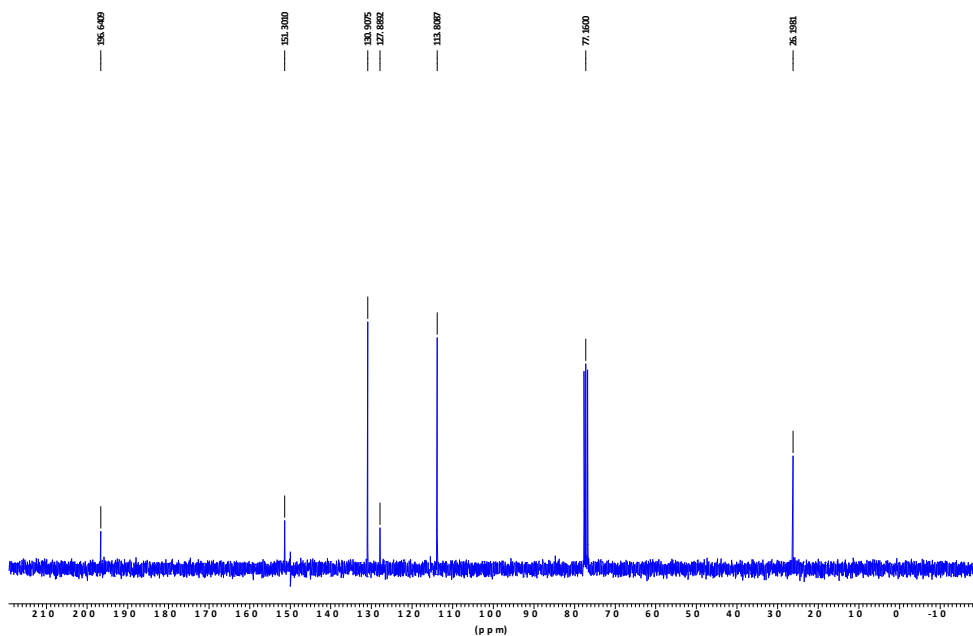
### 4-Amino acetophenone [99-92-3] (16)



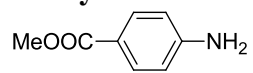
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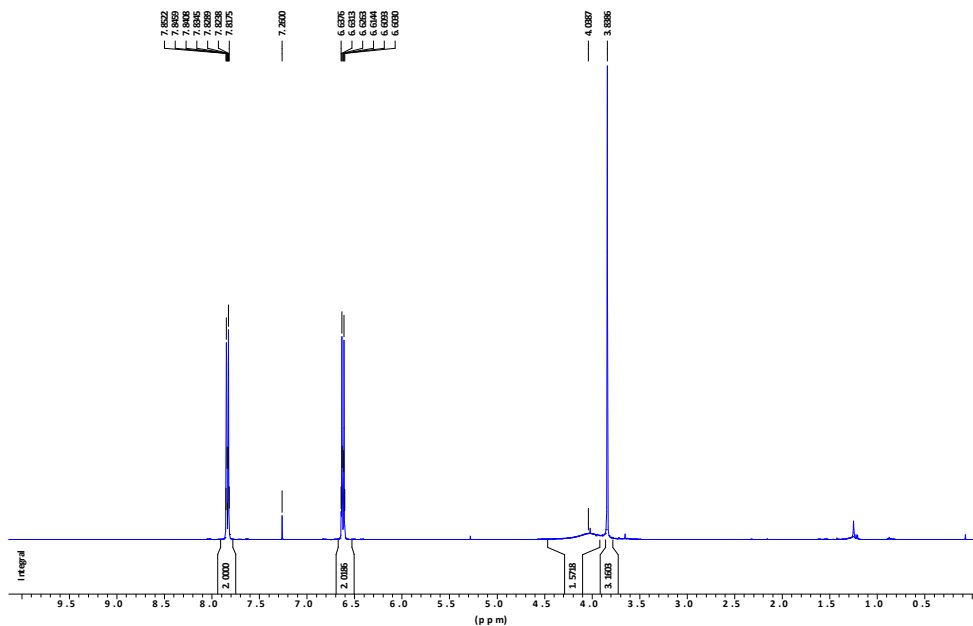
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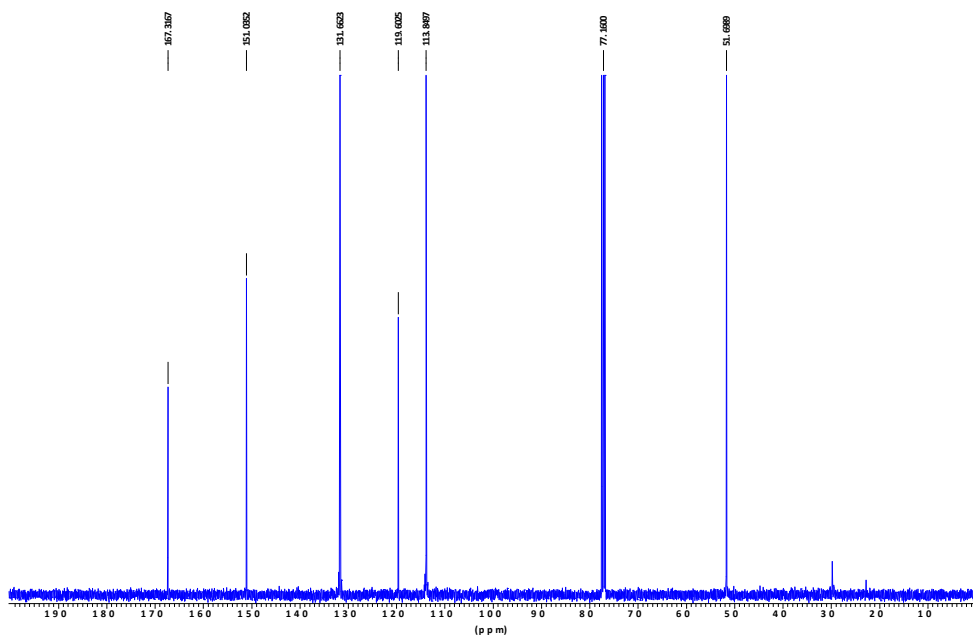
### Methyl 4-aminobenzoate [18469-52-8] (17)



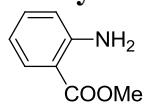
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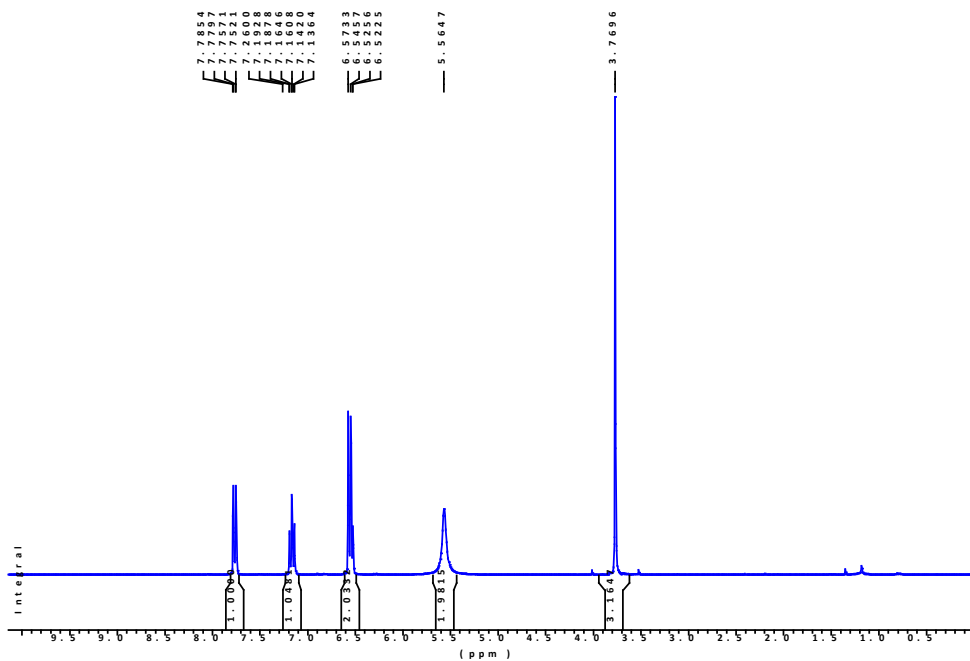
100 MHz, CDCl<sub>3</sub>



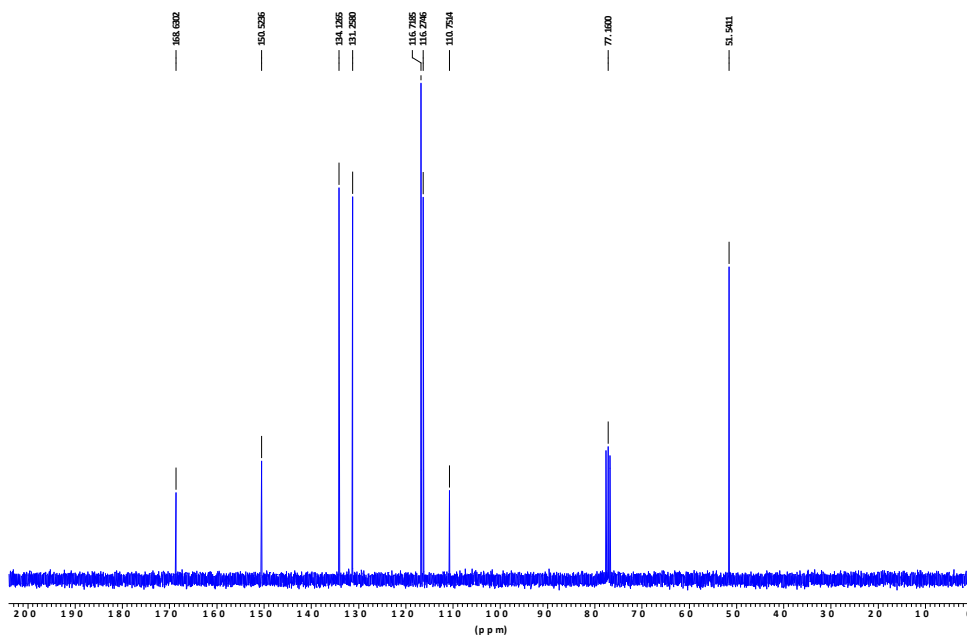
### Methyl 2-aminobenzoate [134-20-3] (18)



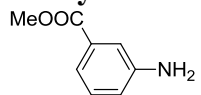
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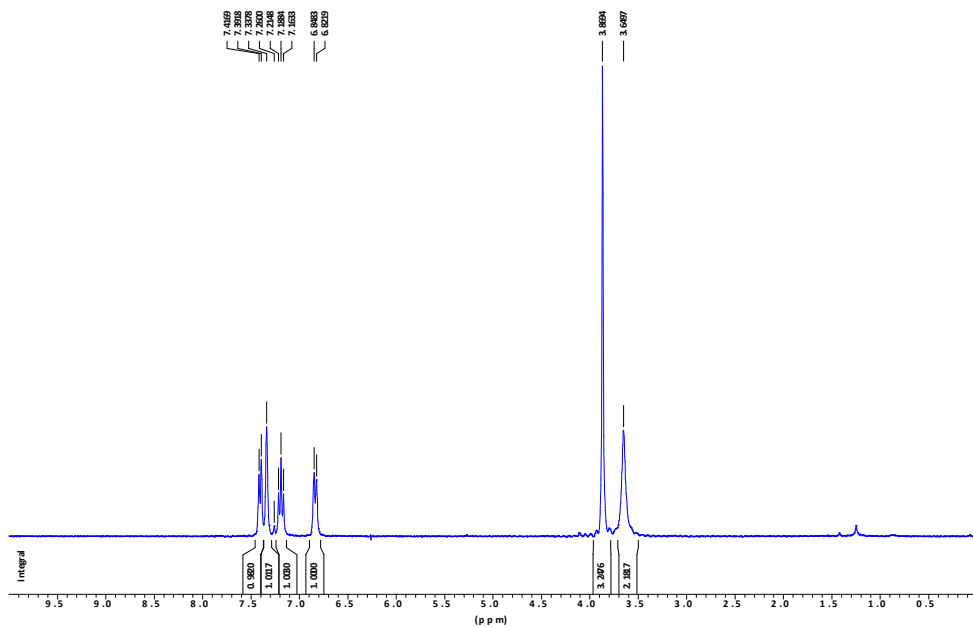
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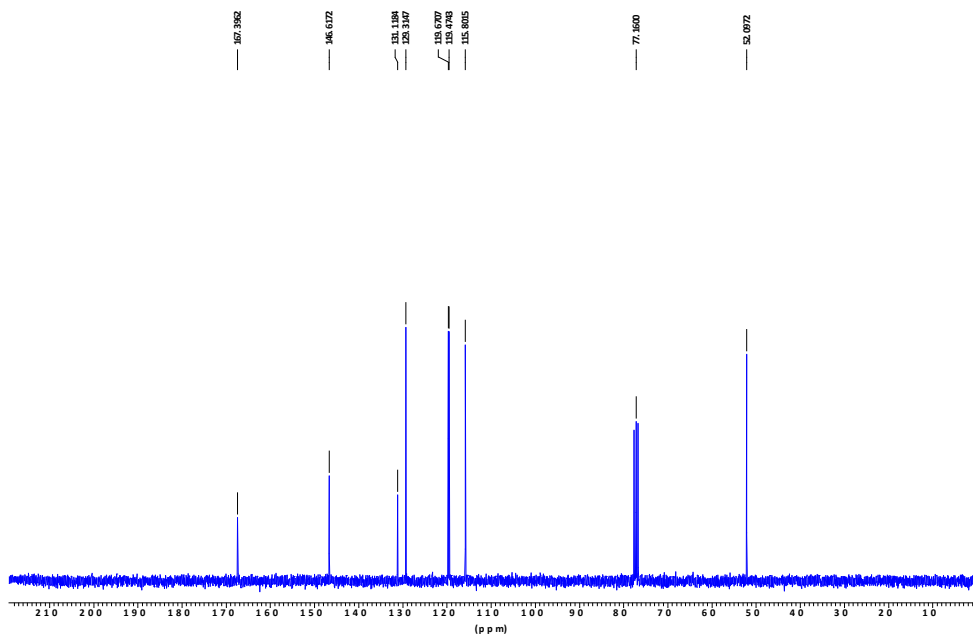
### Methyl 3-aminobenzoate [4518-10-9] (19)



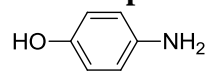
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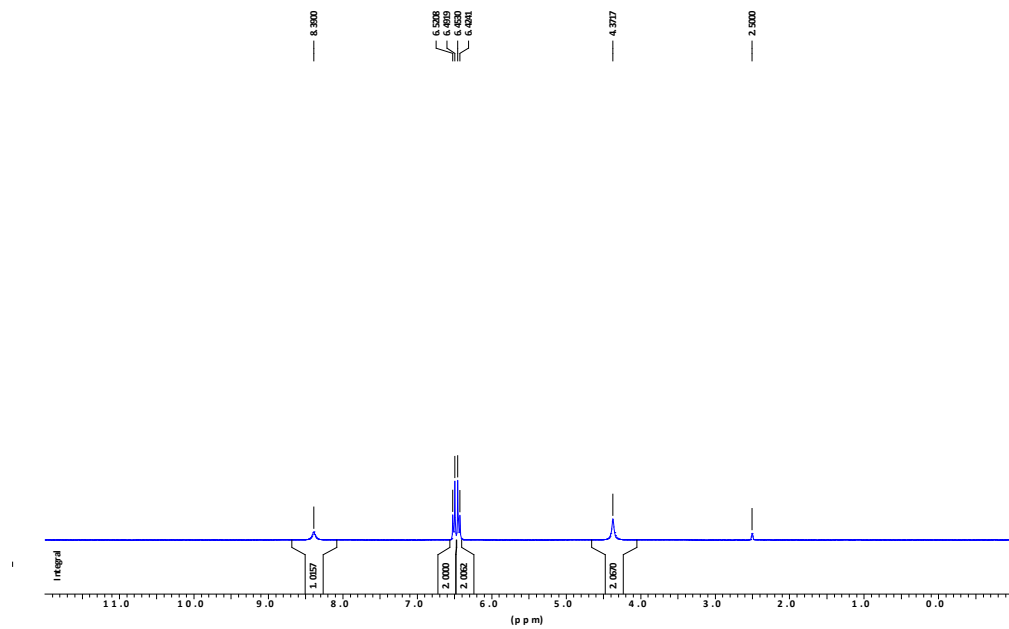
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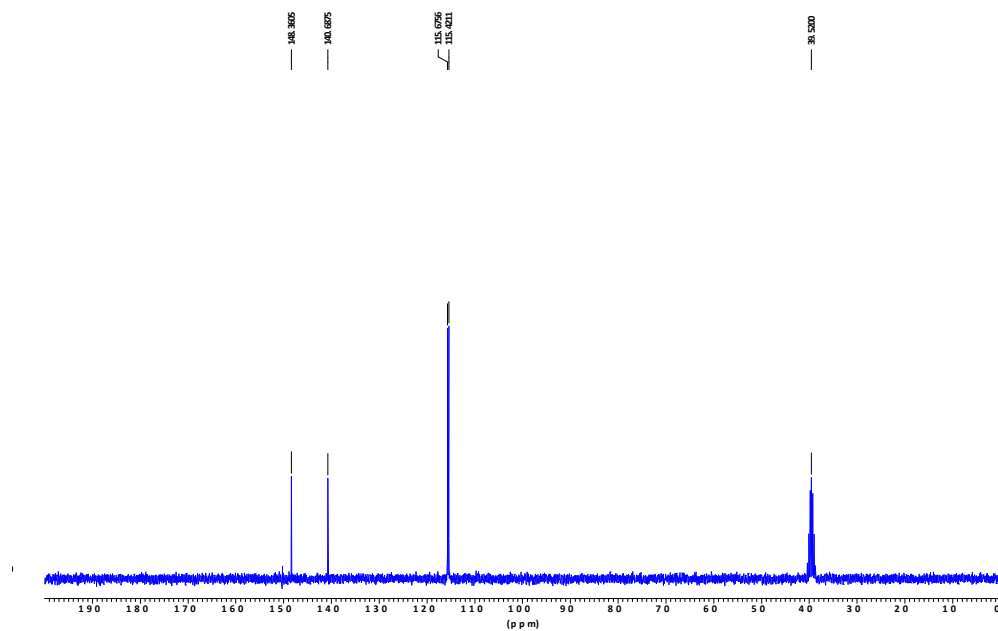
### 4-Aminophenol [123-30-8] (20)



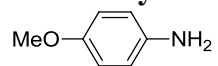
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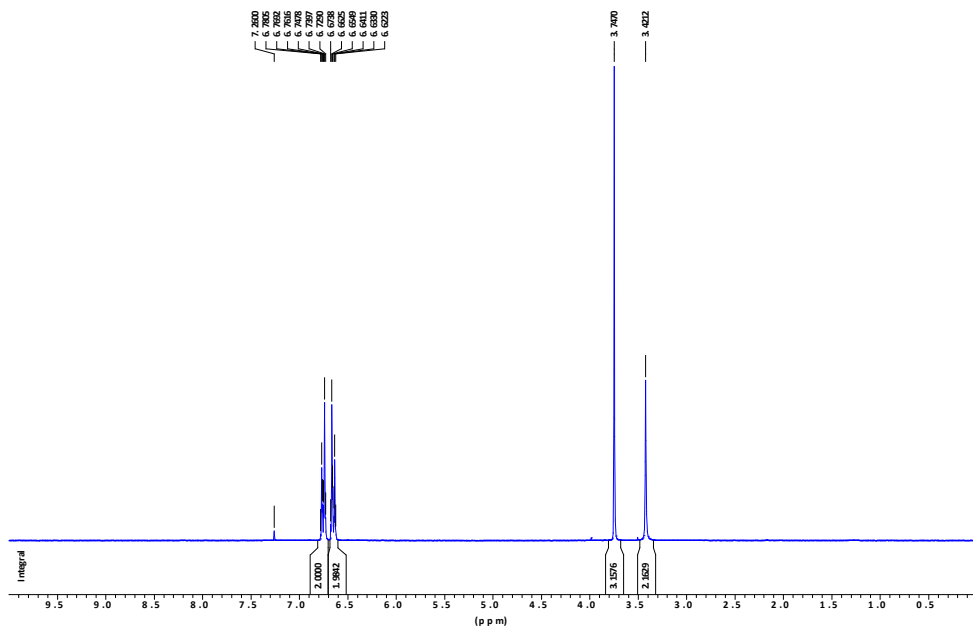
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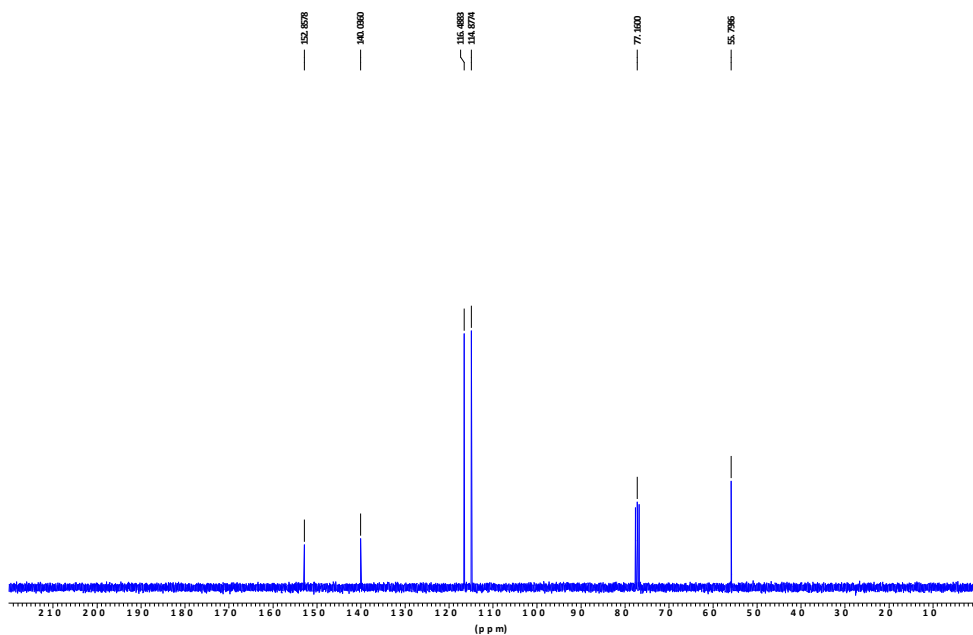
### 4-Methoxyaniline [104-94-9] (21)



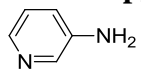
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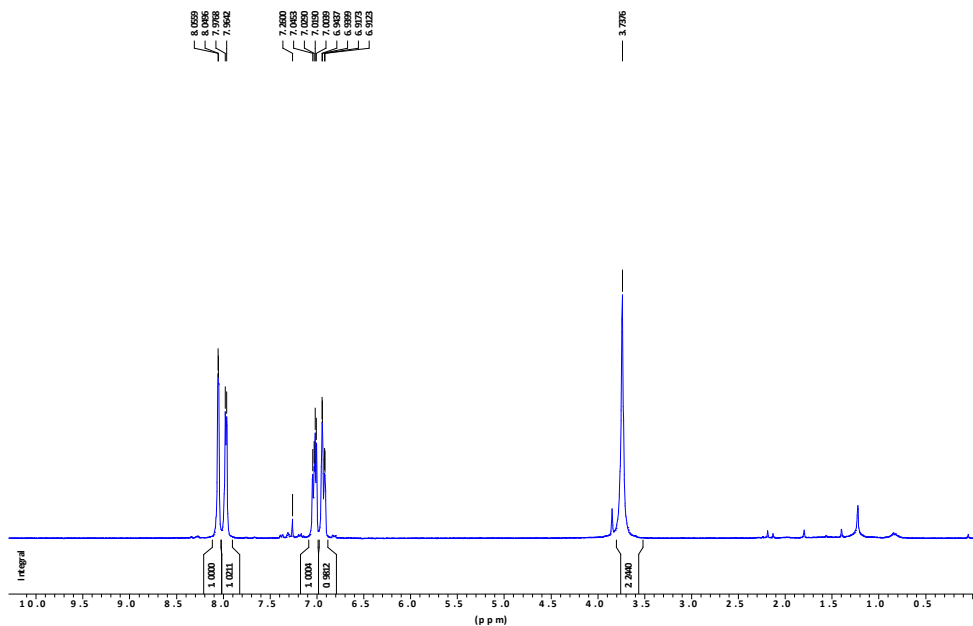
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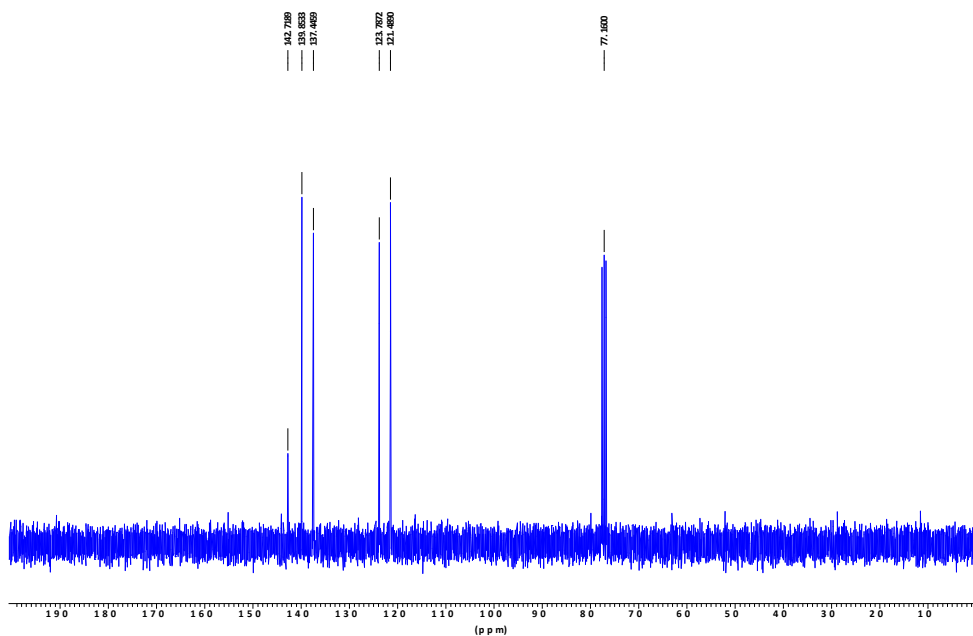
### 3-Aminopyridine [462-08-8] (22)



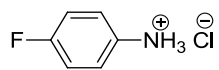
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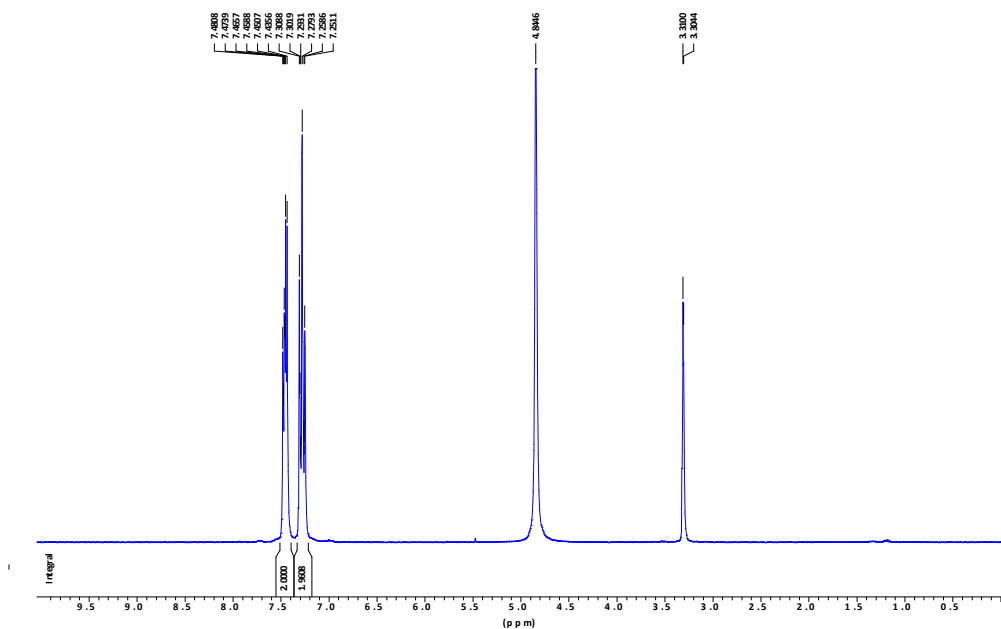
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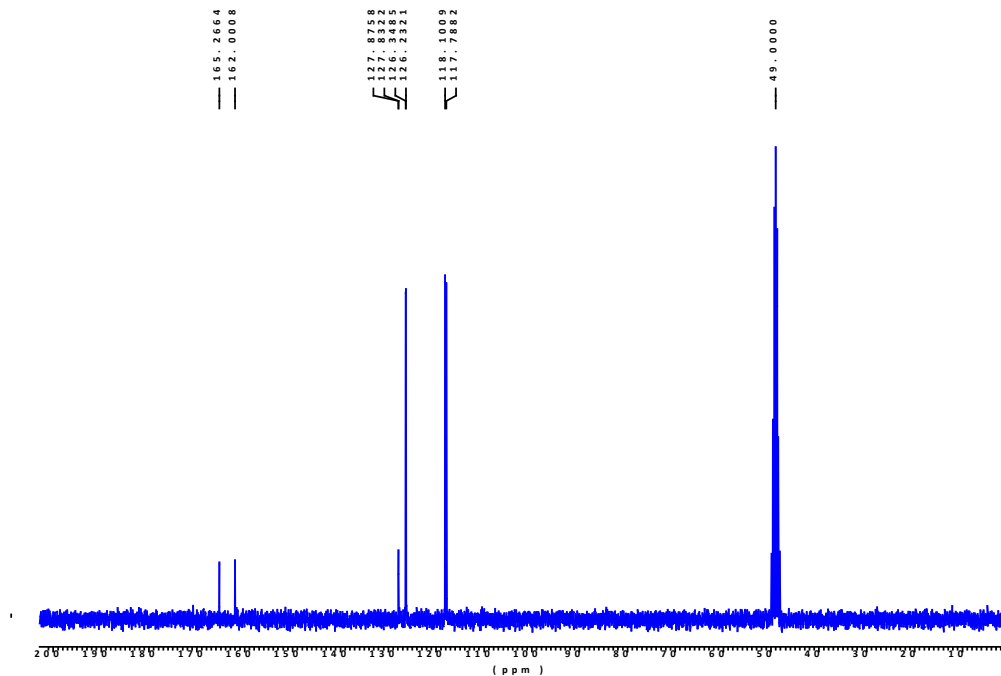
### 4-Fluoroaniline hydrochloride [2146-07-8] (23)



300 MHz, MeOD-*d*<sub>4</sub>+D<sub>2</sub>O



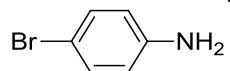
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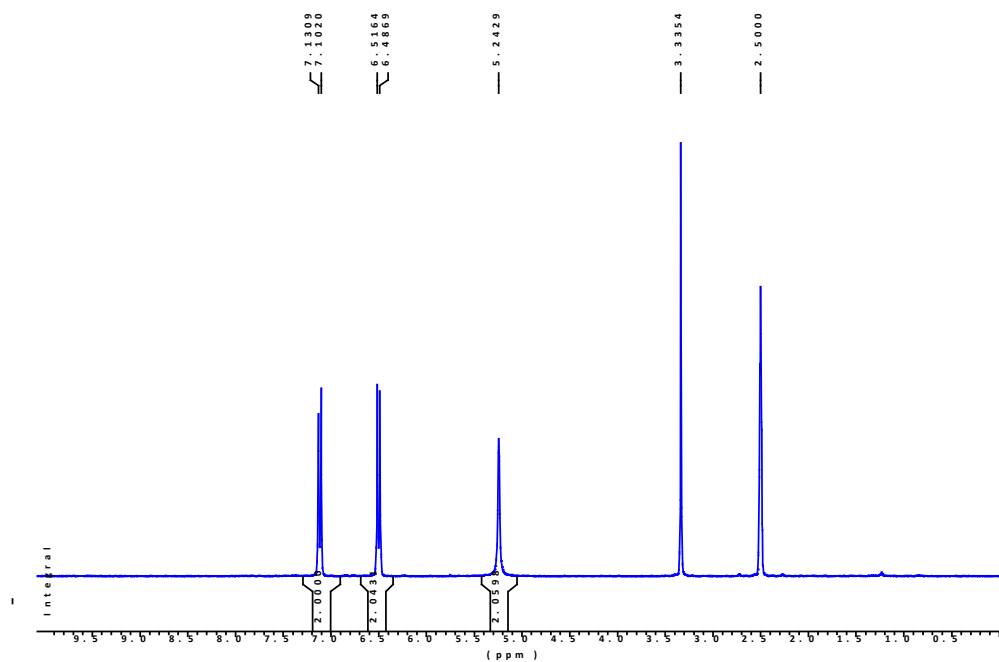




### 4-Bromoaniline [106-40-1] (25)



300 MHz, DMSO-*d*<sub>6</sub>



75 MHz, DMSO-*d*<sub>6</sub>

