

4b,5,6,9-Tetrahydro-7*H*-dibenzo[*c,e*]pyrrolo[1,2-*a*]azepin-7-one

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Methyl 4-azido-4-(2-bromophenyl)butanoate (3)

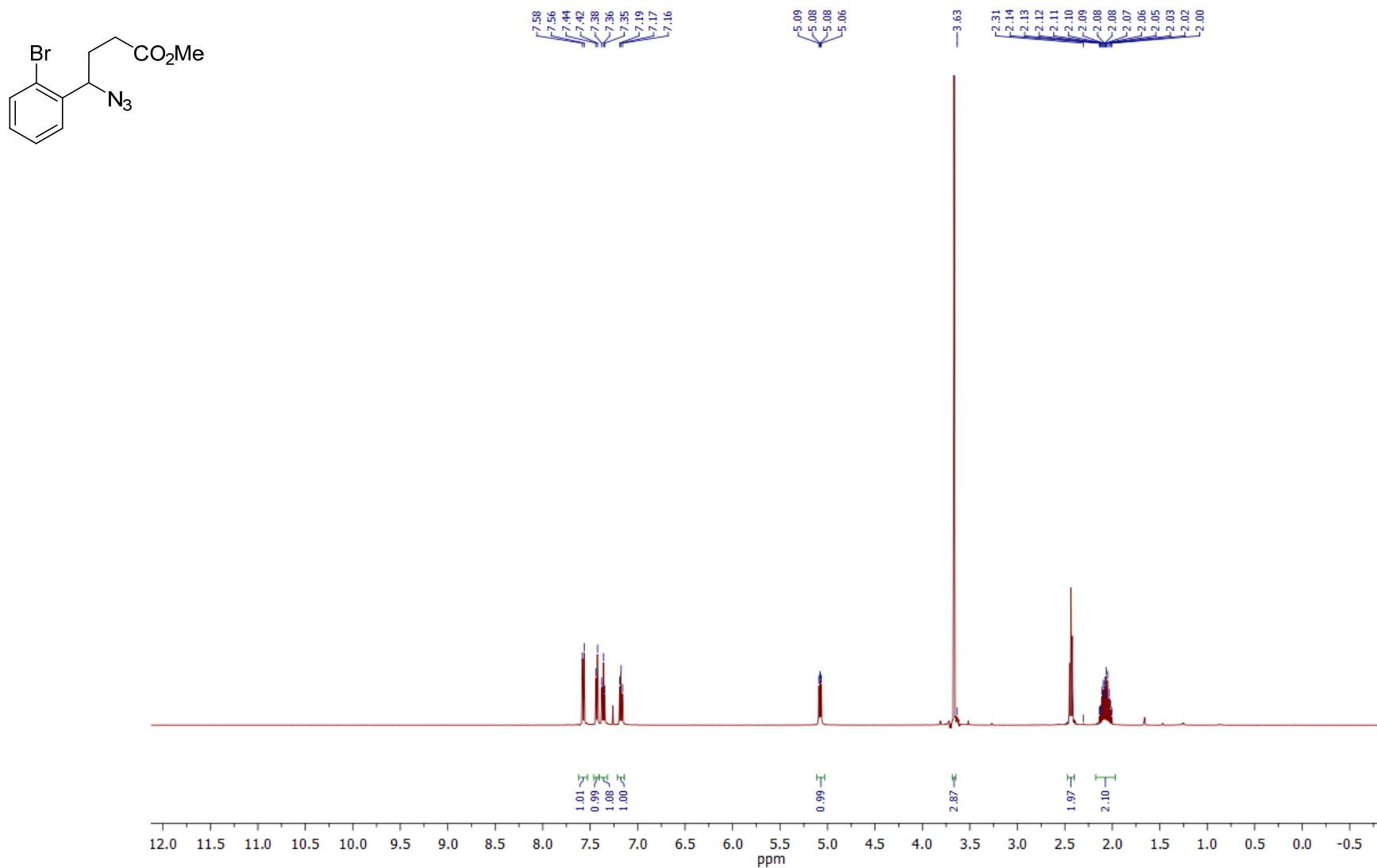


Figure 1. ¹H NMR (CDCl₃, 500 MHz) of compound 3

Methyl 4-azido-4-(2-bromophenyl)butanoate (3)

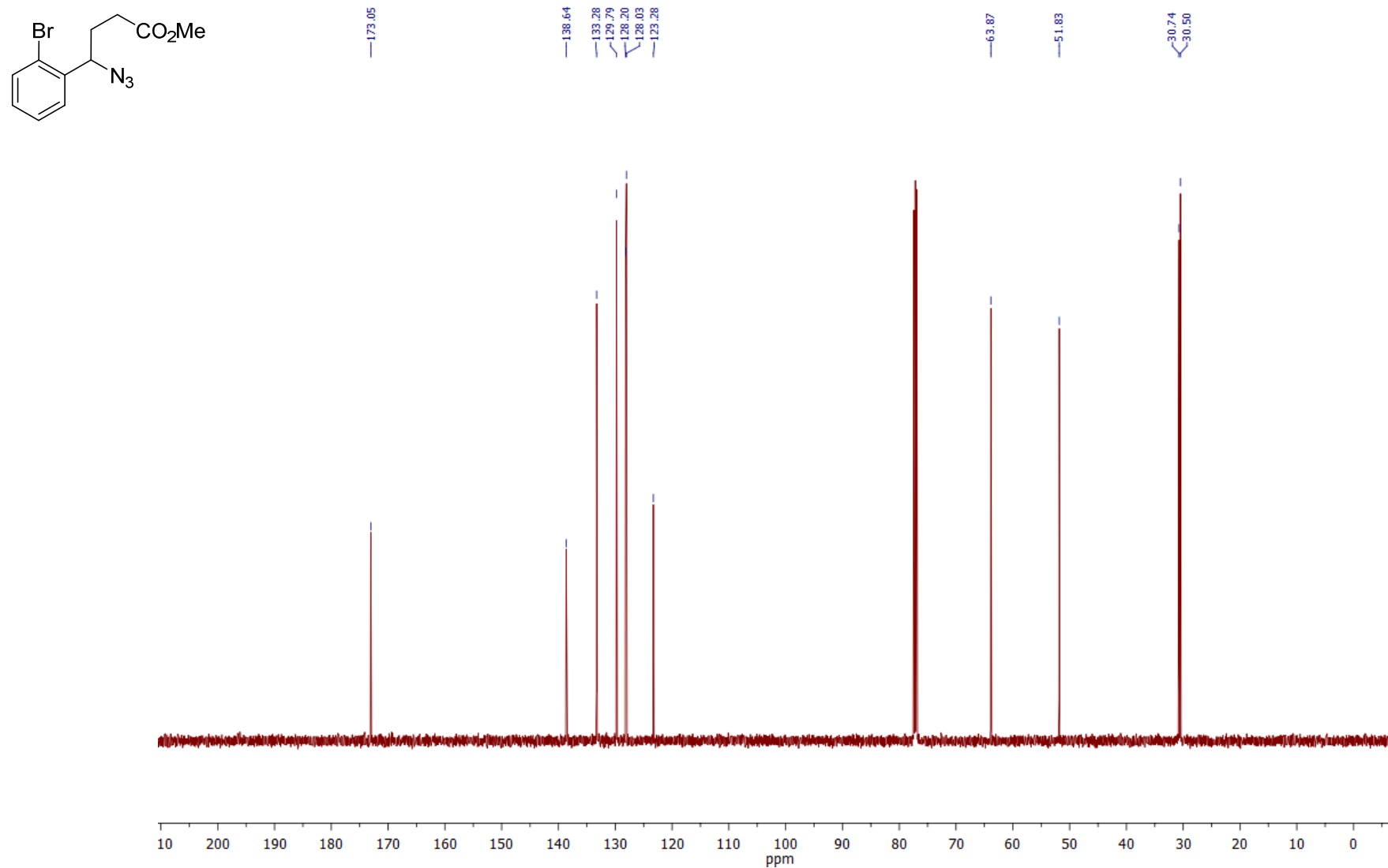


Figure 2. ¹³C NMR (CDCl₃, 125 MHz) of compound **3**

Methyl 4-azido-4-(2-bromophenyl)butanoate (3)

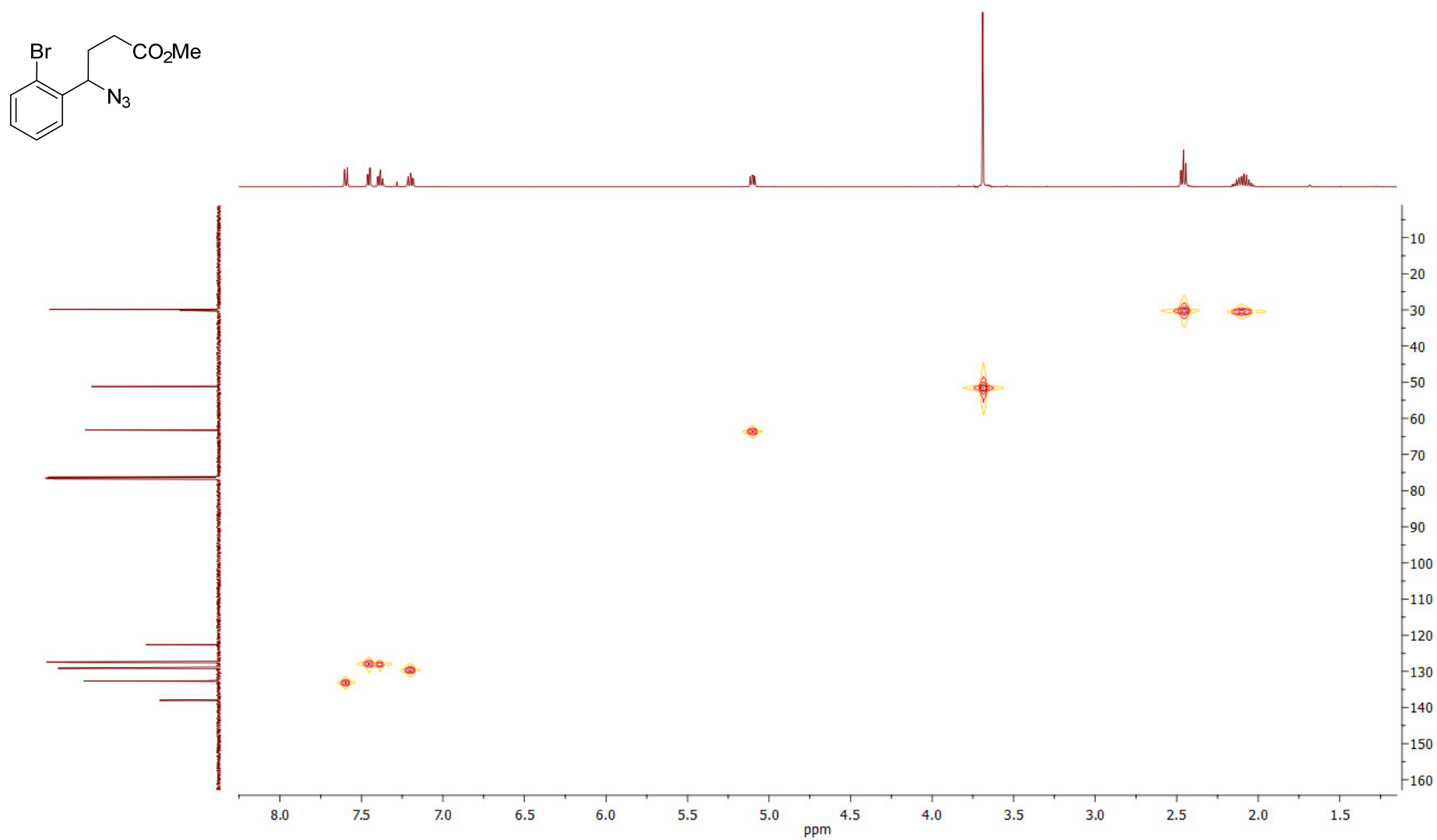


Figure 3. HSQC ^1H - ^{13}C (CDCl_3) of compound **3**

Methyl 4-azido-4-(2-bromophenyl)butanoate (3)

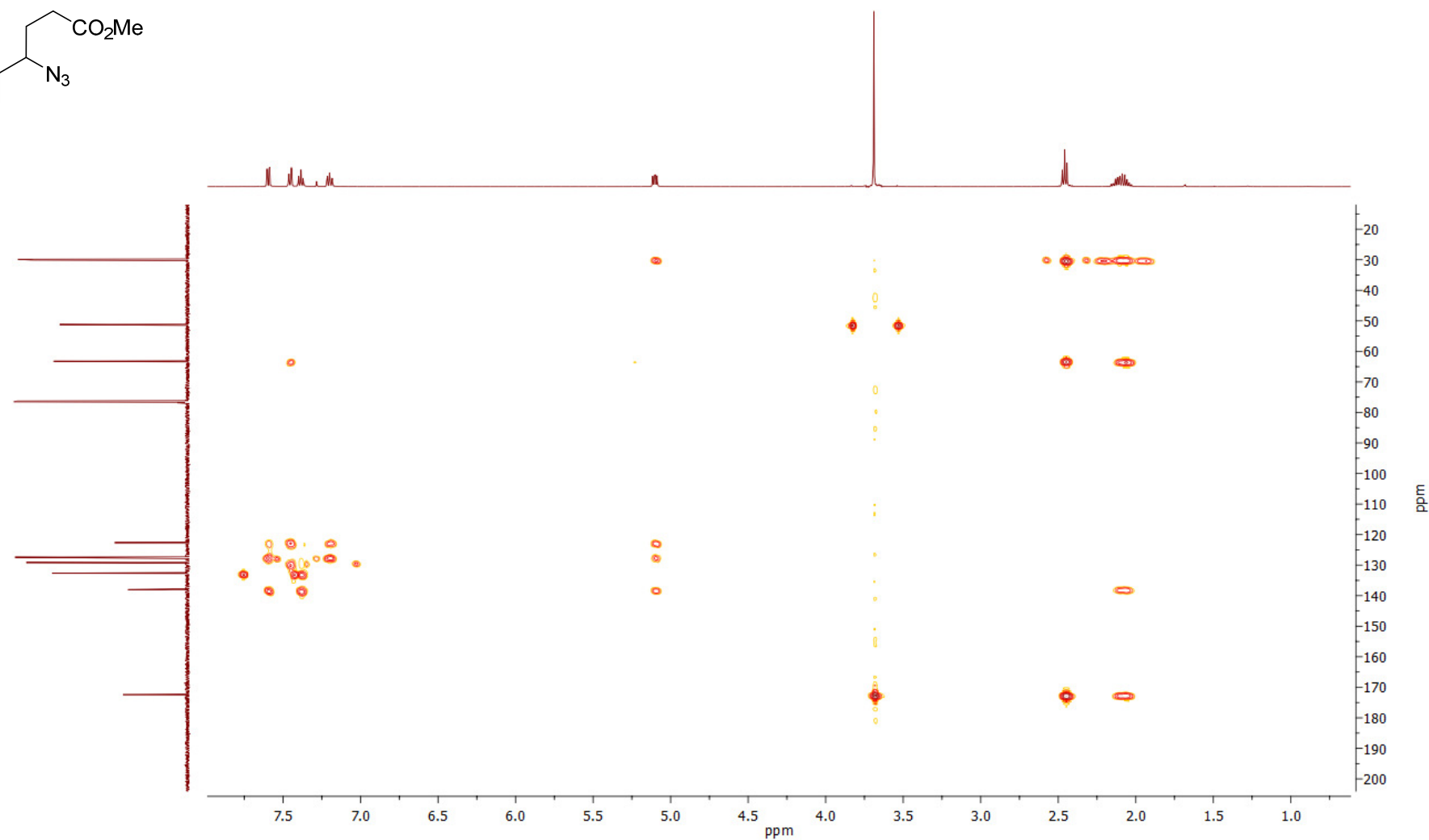
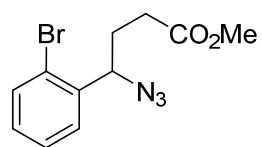


Figure 4. HMBC ^1H - ^{13}C (CDCl_3) of compound **3**

1-(2-Bromobenzyl)-5-(2-bromophenyl)pyrrolidin-2-one (4)

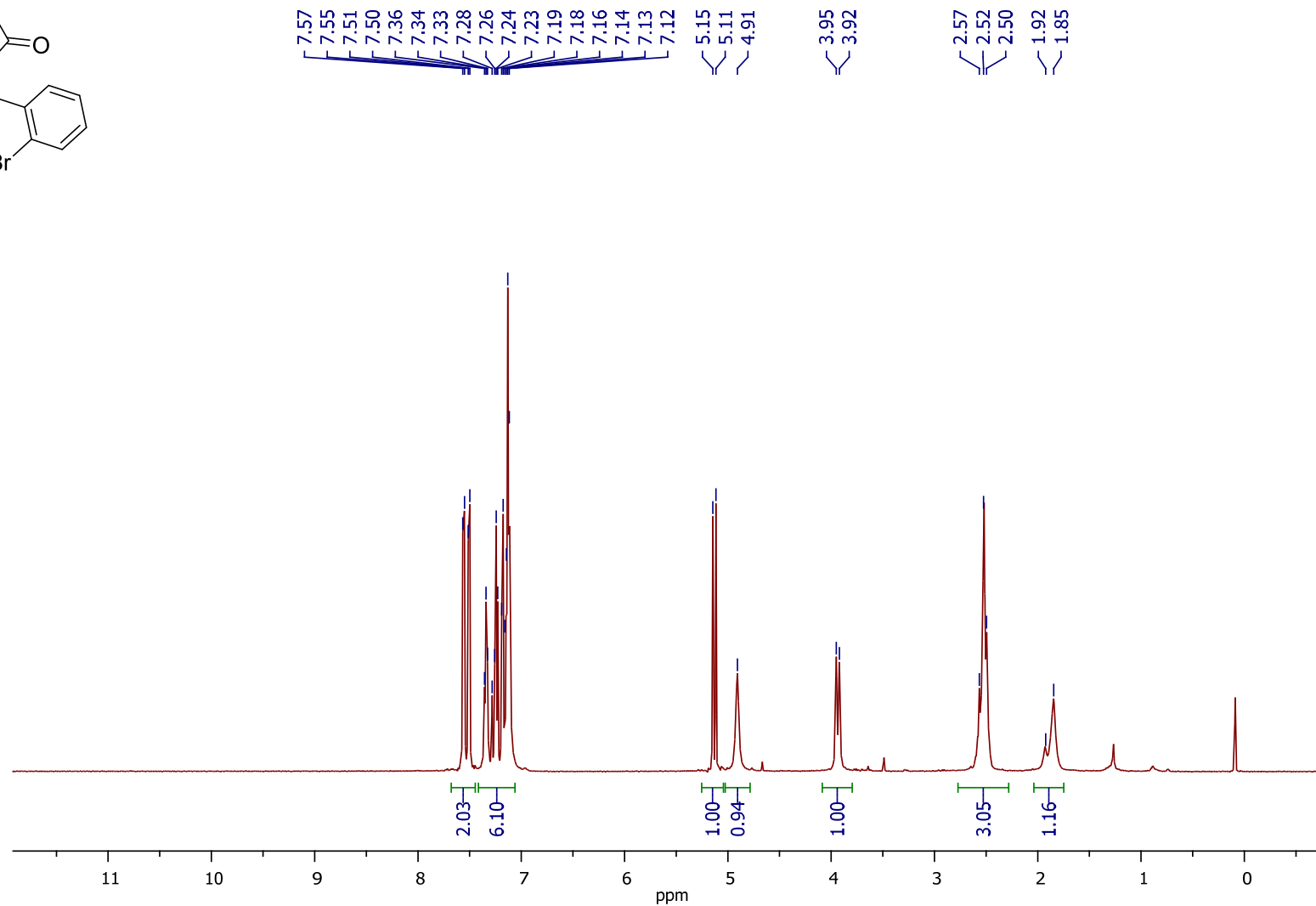
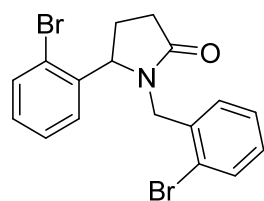


Figure 5. ^1H NMR (CDCl_3 , 500 MHz) of compound **4**

1-(2-Bromobenzyl)-5-(2-bromophenyl)pyrrolidin-2-one (4)

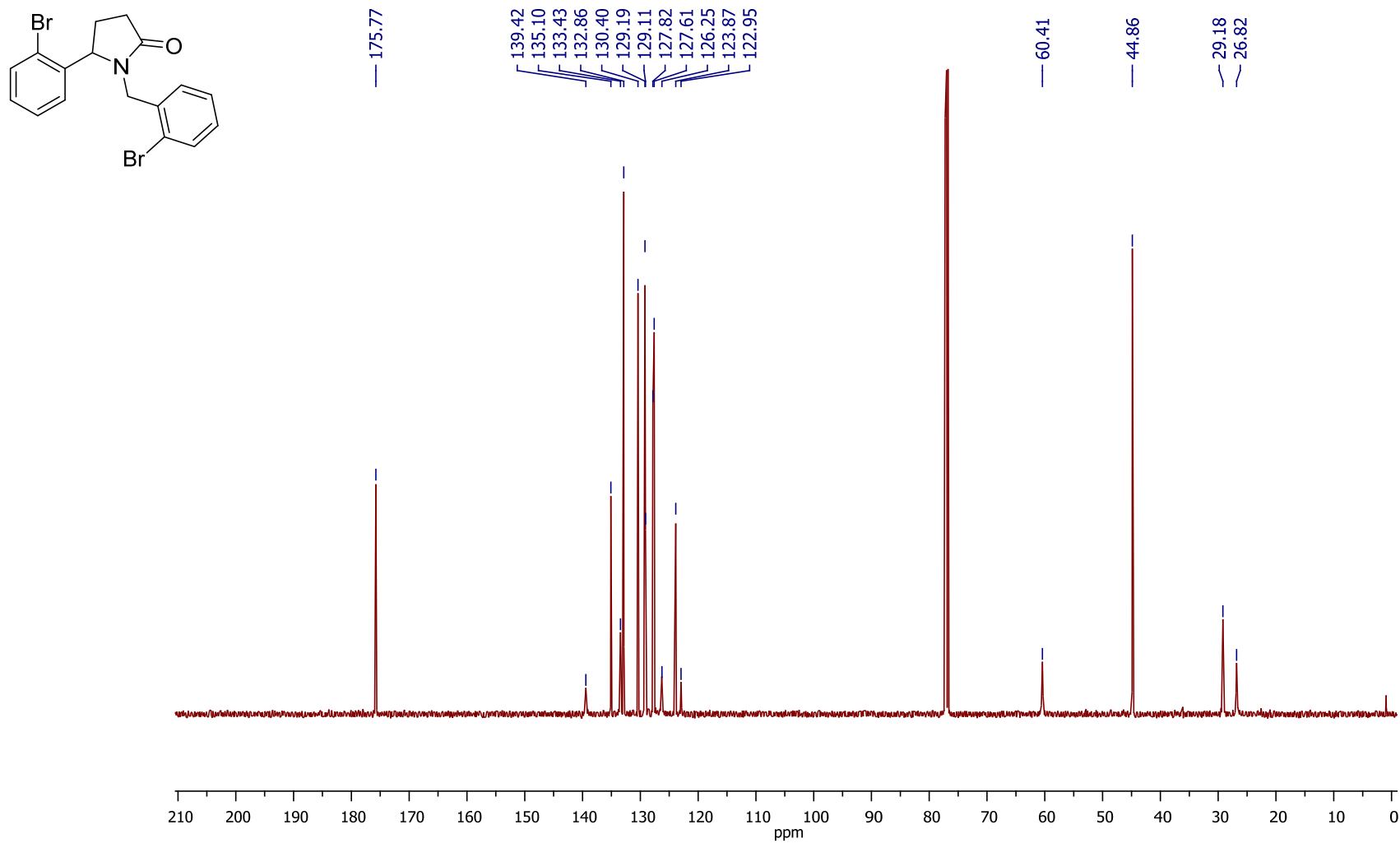


Figure 6. ¹³C NMR (CDCl₃, 125 MHz) of compound **4**

1-(2-Bromobenzyl)-5-(2-bromophenyl)pyrrolidin-2-one (4)

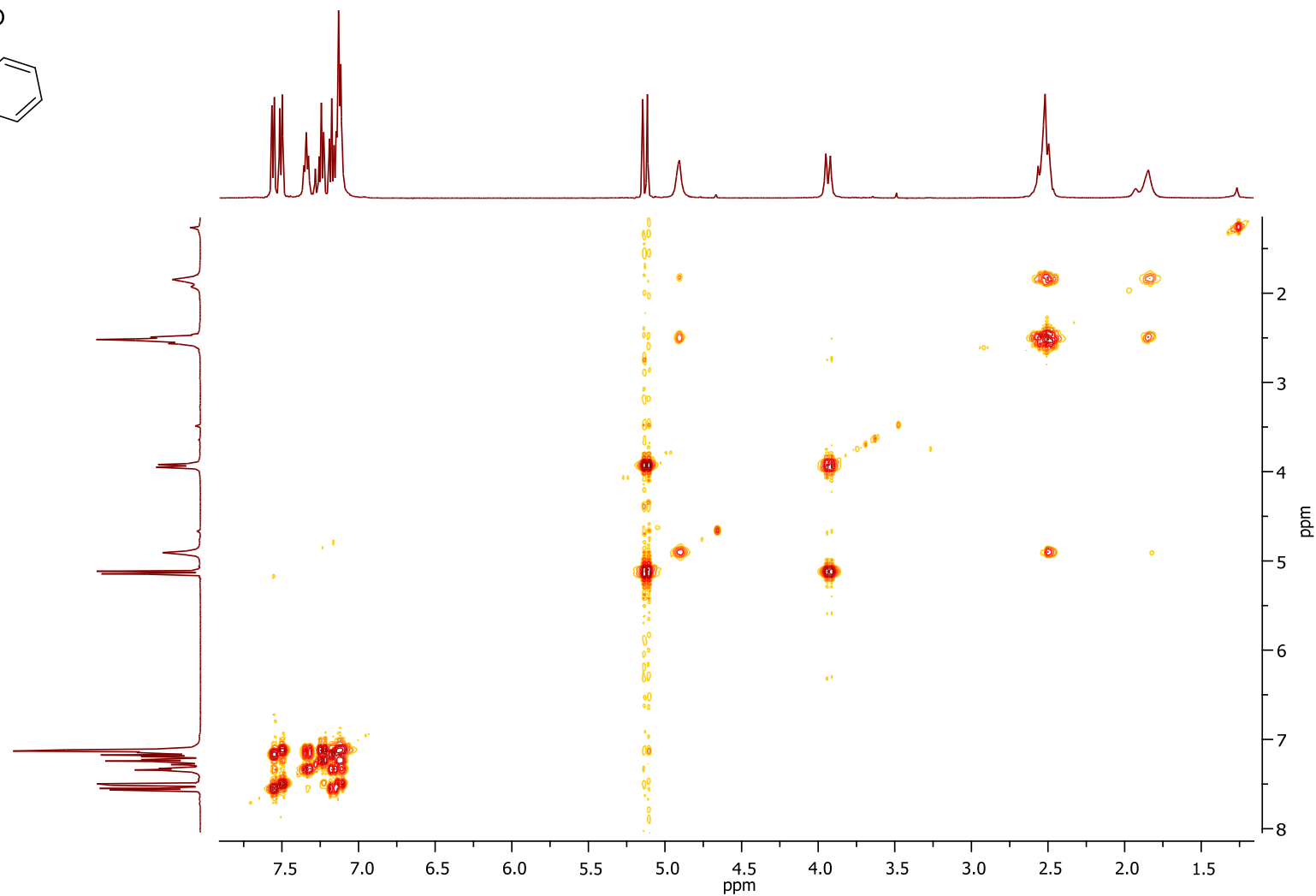
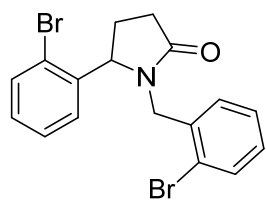


Figure 7. COSY ^1H - ^1H (CDCl_3) of compound **4**

1-(2-Bromobenzyl)-5-(2-bromophenyl)pyrrolidin-2-one (4)

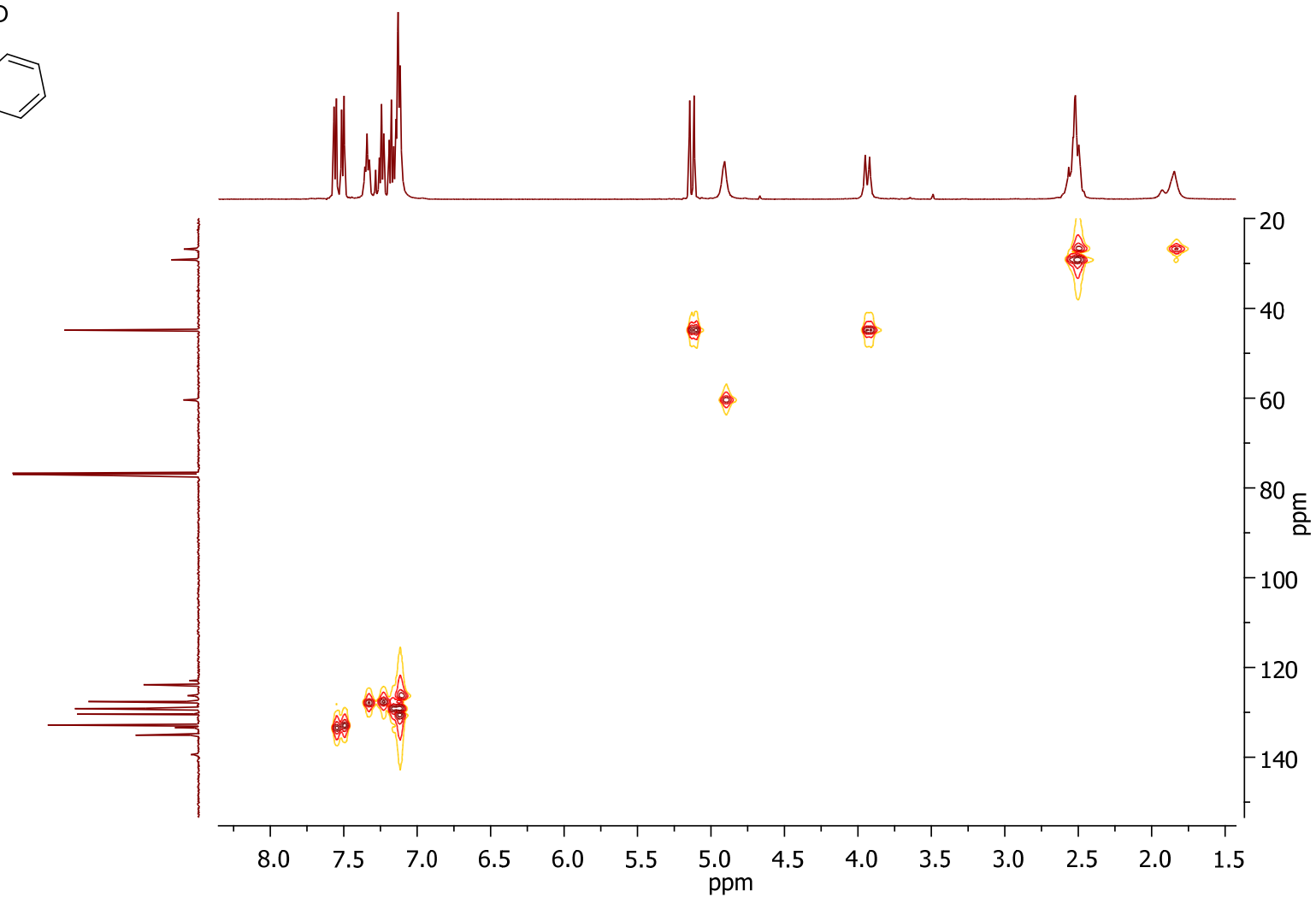
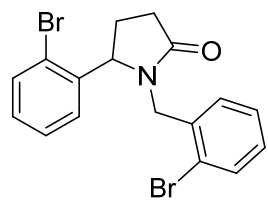


Figure 8. HSQC ^1H - ^{13}C (CDCl_3) of compound 4

1-(2-Bromobenzyl)-5-(2-bromophenyl)pyrrolidin-2-one (4)

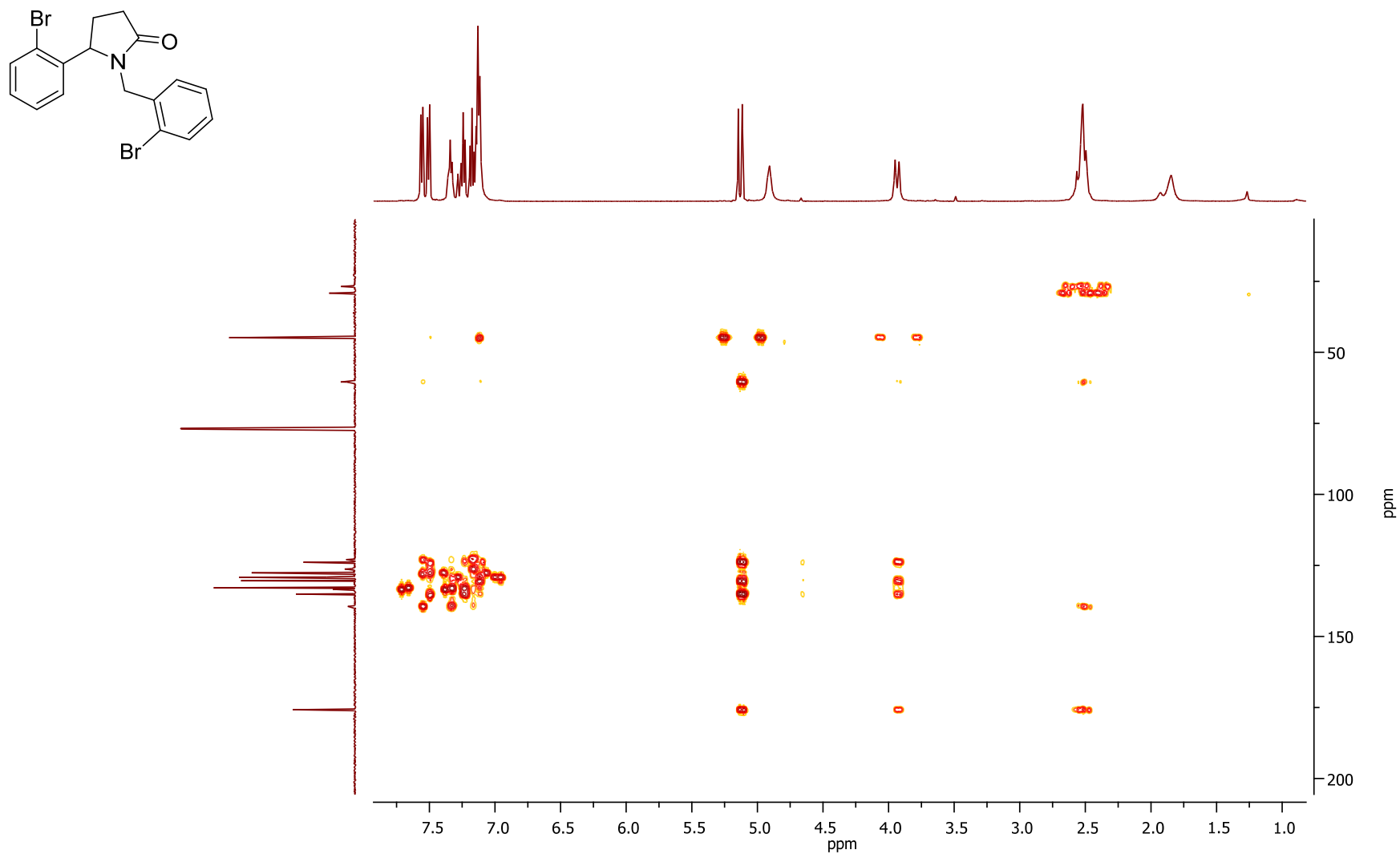


Figure 9. HMBC ^1H - ^{13}C (CDCl_3) of compound **4**

4b,5,6,9-Tetrahydro-7H-dibenzo[*c,e*]pyrrolo[1,2-*a*]azepin-7-one (1)

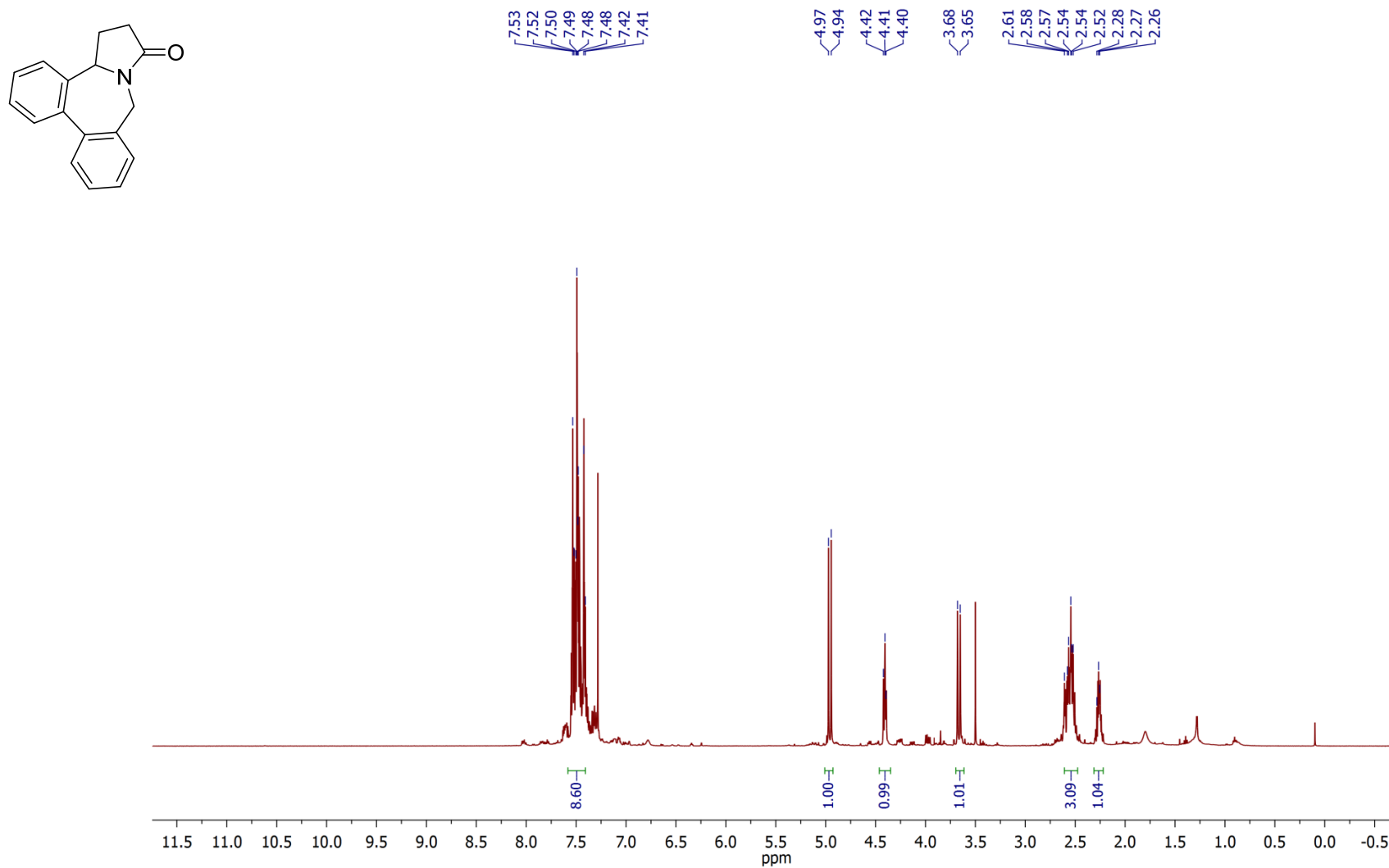


Figure 10. ¹H NMR (CDCl₃, 500 MHz) of compound **1**

4b,5,6,9-Tetrahydro-7H-dibenzo[*c,e*]pyrrolo[1,2-*a*]azepin-7-one (1)

^{13}C NMR (CDCl_3 , 125 MHz)

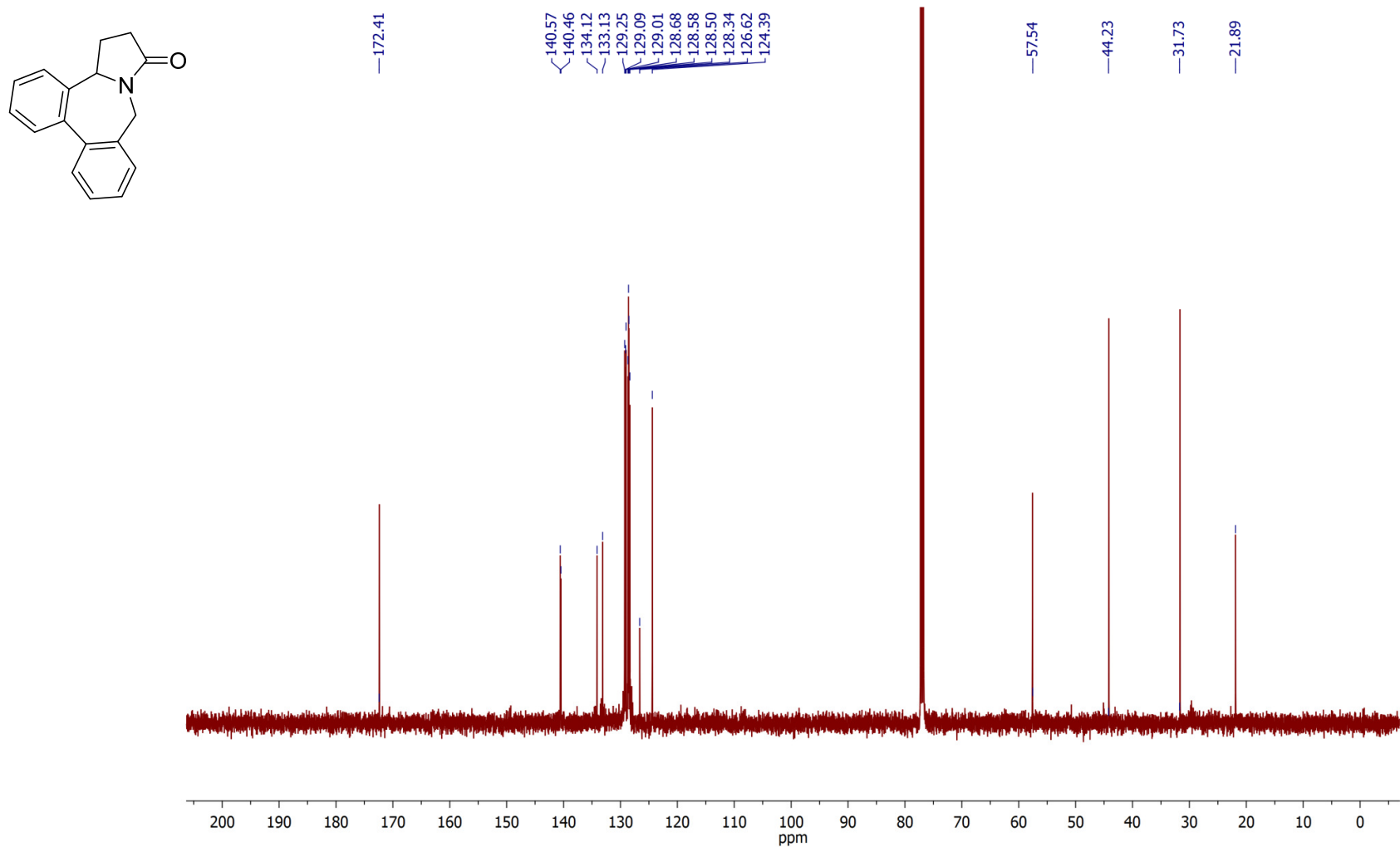


Figure 11. ^{13}C NMR (CDCl_3 , 125 MHz) of compound **1**

FiberCat 1001

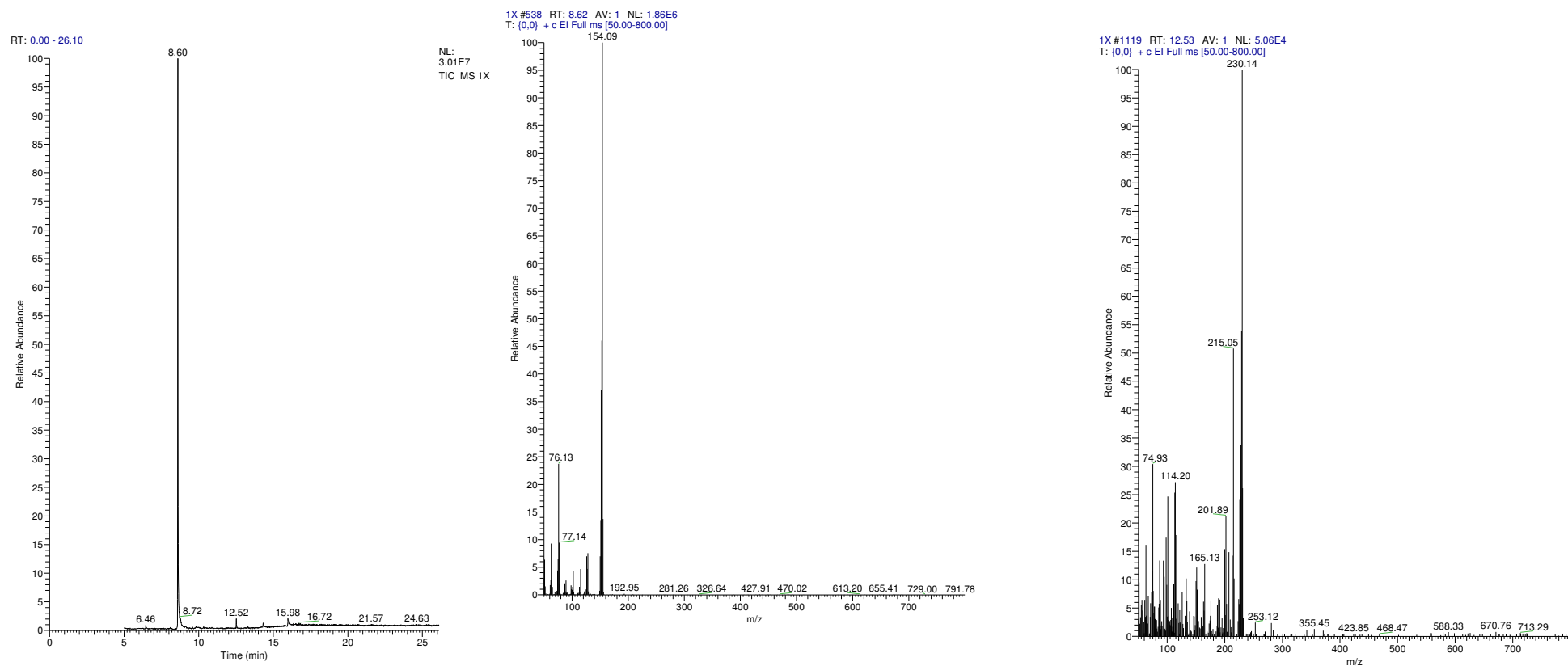


Figure 12. GC/MS data of mass spectrometry

FiberCat 1007

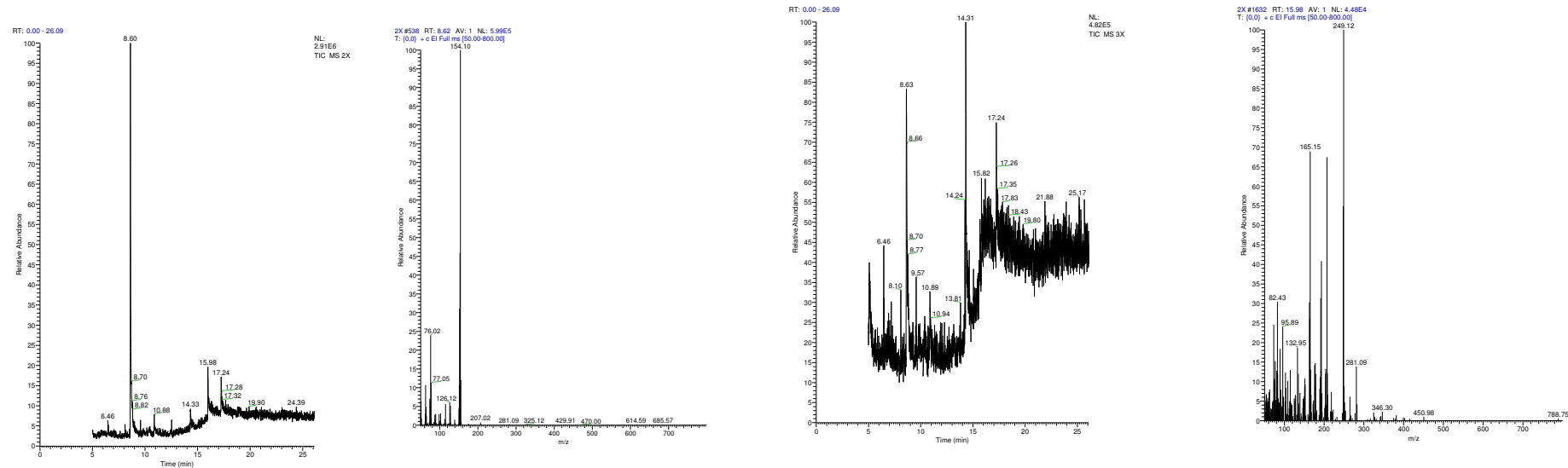


Figure 13. GC/MS data of mass spectrometry

FiberCat 1031

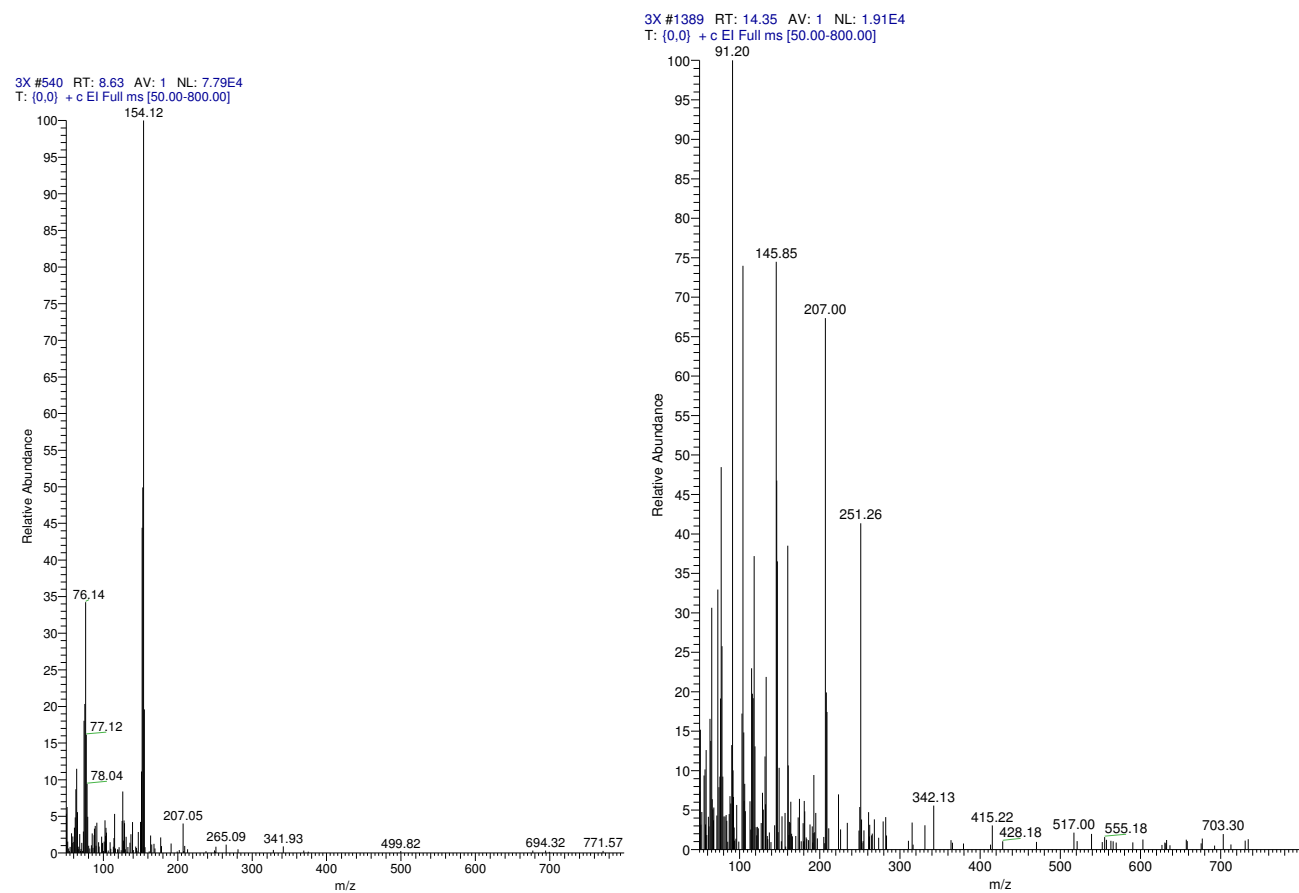


Figure 14. GC/MS data of mass spectrometry

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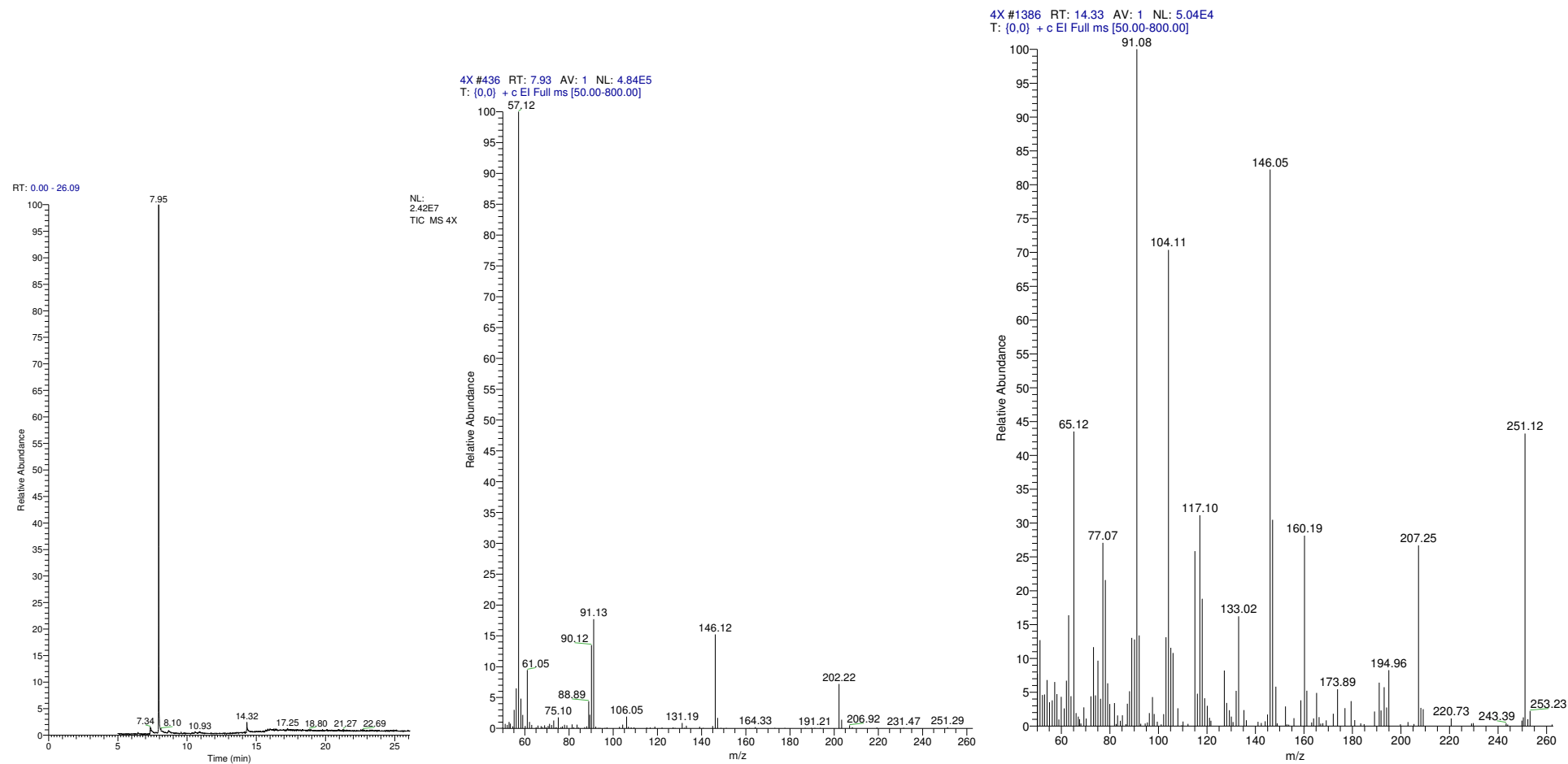


Figure 15. GC/MS data of mass spectrometry