

3-cyclohexyl-6-phenyl-1-(*p*-tolyl)pyrimidine-2,4(1*H*,3*H*)-dione

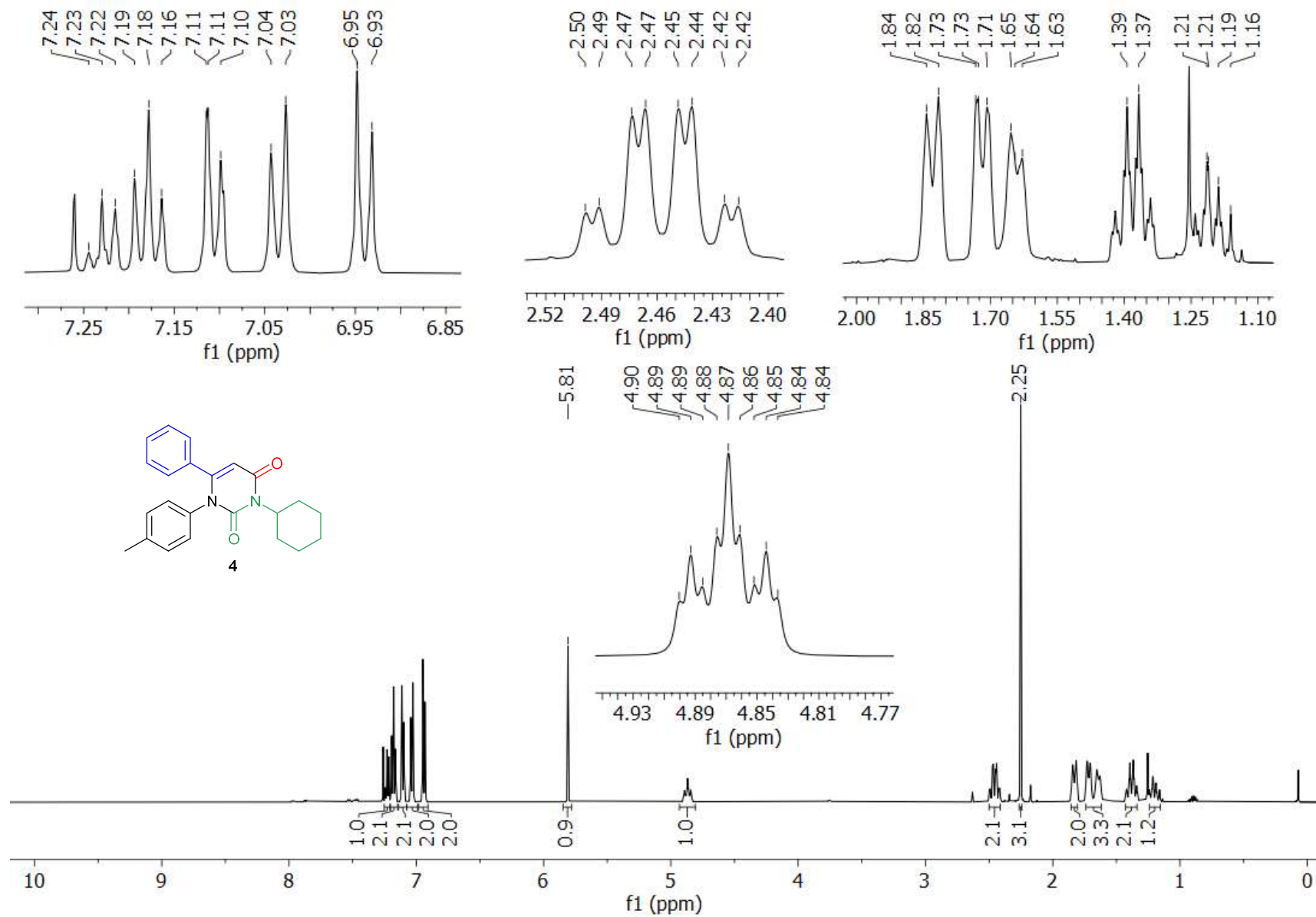
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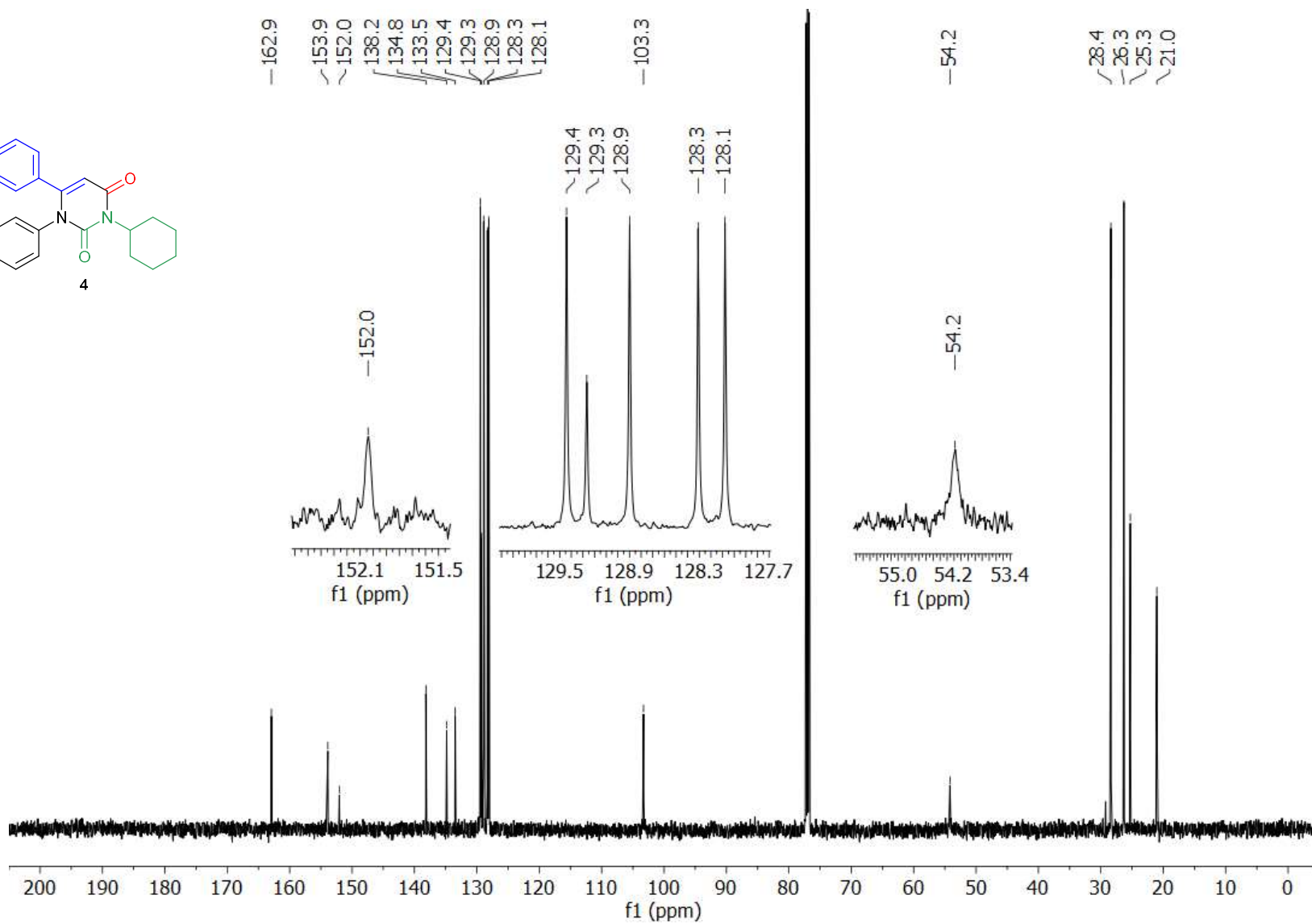
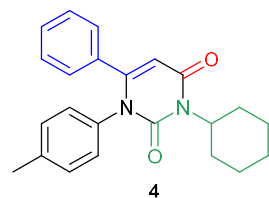
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1.	¹ H NMR (CDCl ₃ , 500 MHz).....	2
2.	¹³ C NMR (CDCl ₃ , 125 MHz)	3
3.	2D ¹ H- ¹³ C HSQC NMR (CDCl ₃) – Aromatic portion	4
4.	2D ¹ H- ¹³ C HSQC NMR (CDCl ₃) – Uracil portion.....	5
5.	2D ¹ H- ¹³ C HSQC NMR (CDCl ₃) – Aliphatic portion	6
6.	2D ¹ H- ¹³ C HMBC NMR (CDCl ₃) – Aromatic/Uracil portion	7
7.	2D ¹ H- ¹³ C HMBC NMR (CDCl ₃) – Aliphatic portion (selected).....	8
8.	FT-IR (film)	9
9.	GC-MS (70 eV)	10

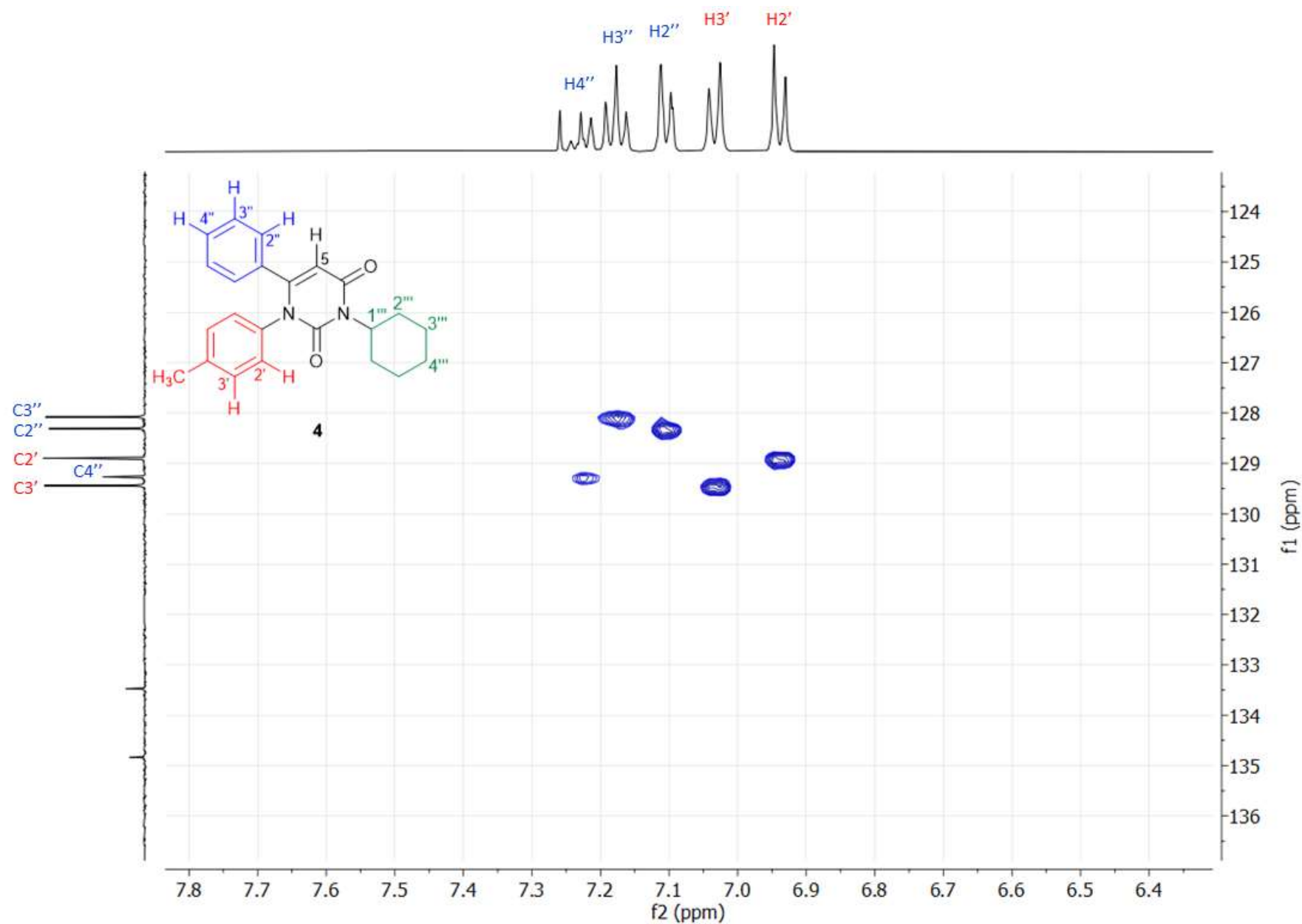
1. ^1H NMR (CDCl_3 , 500 MHz)



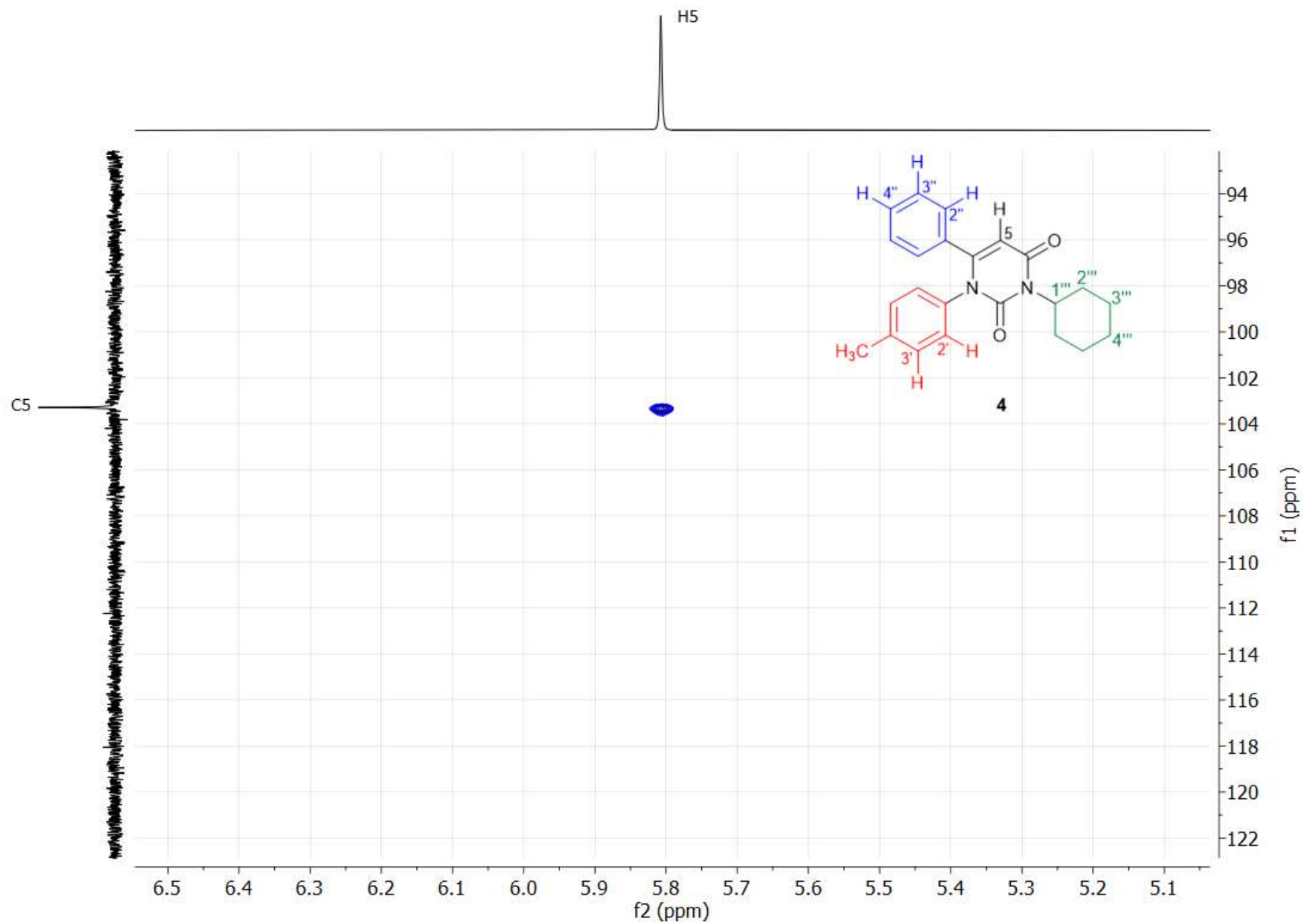
2. ^{13}C NMR (CDCl_3 , 125 MHz)



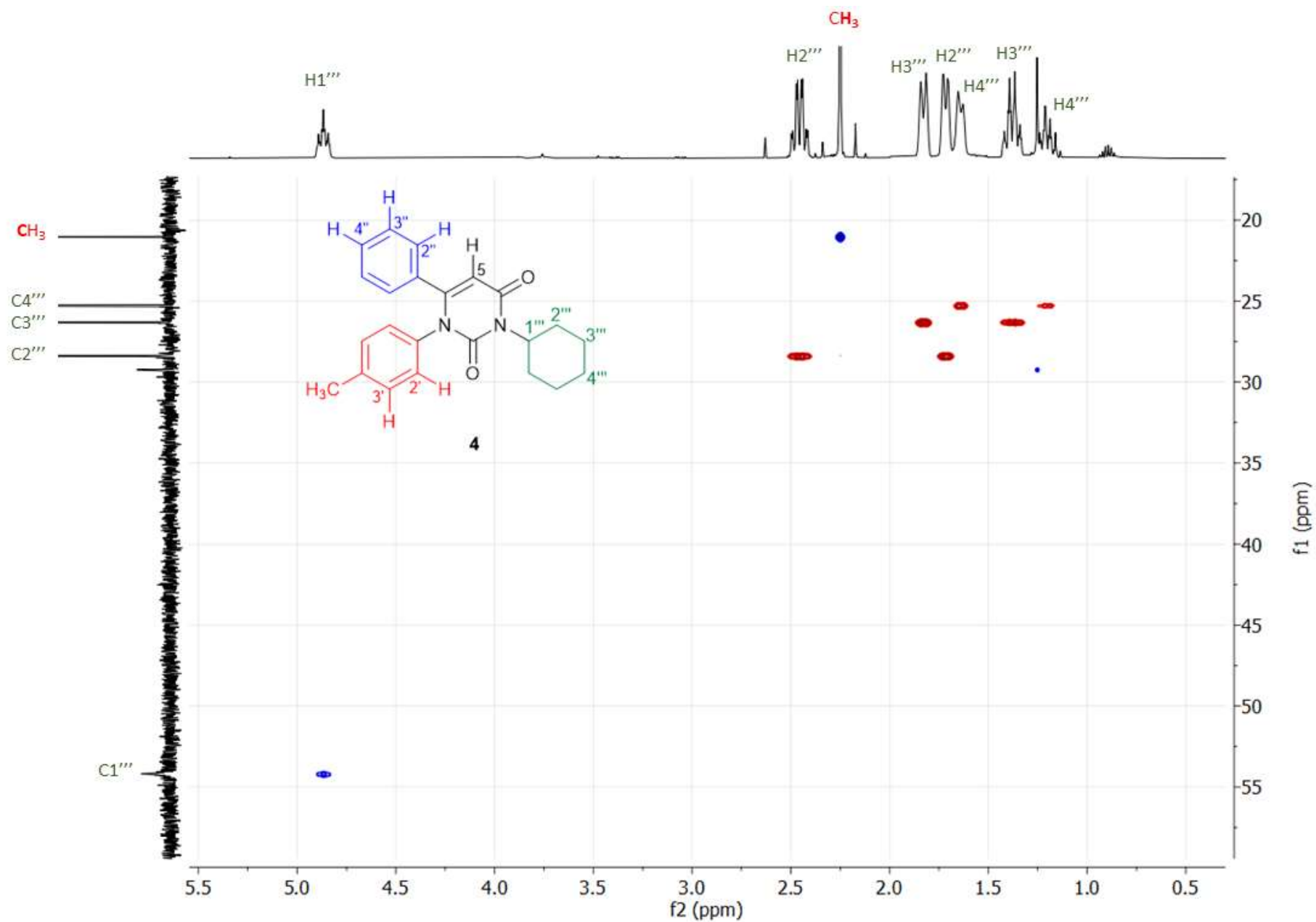
3. 2D ^1H - ^{13}C HSQC NMR (CDCl_3) – Aromatic portion



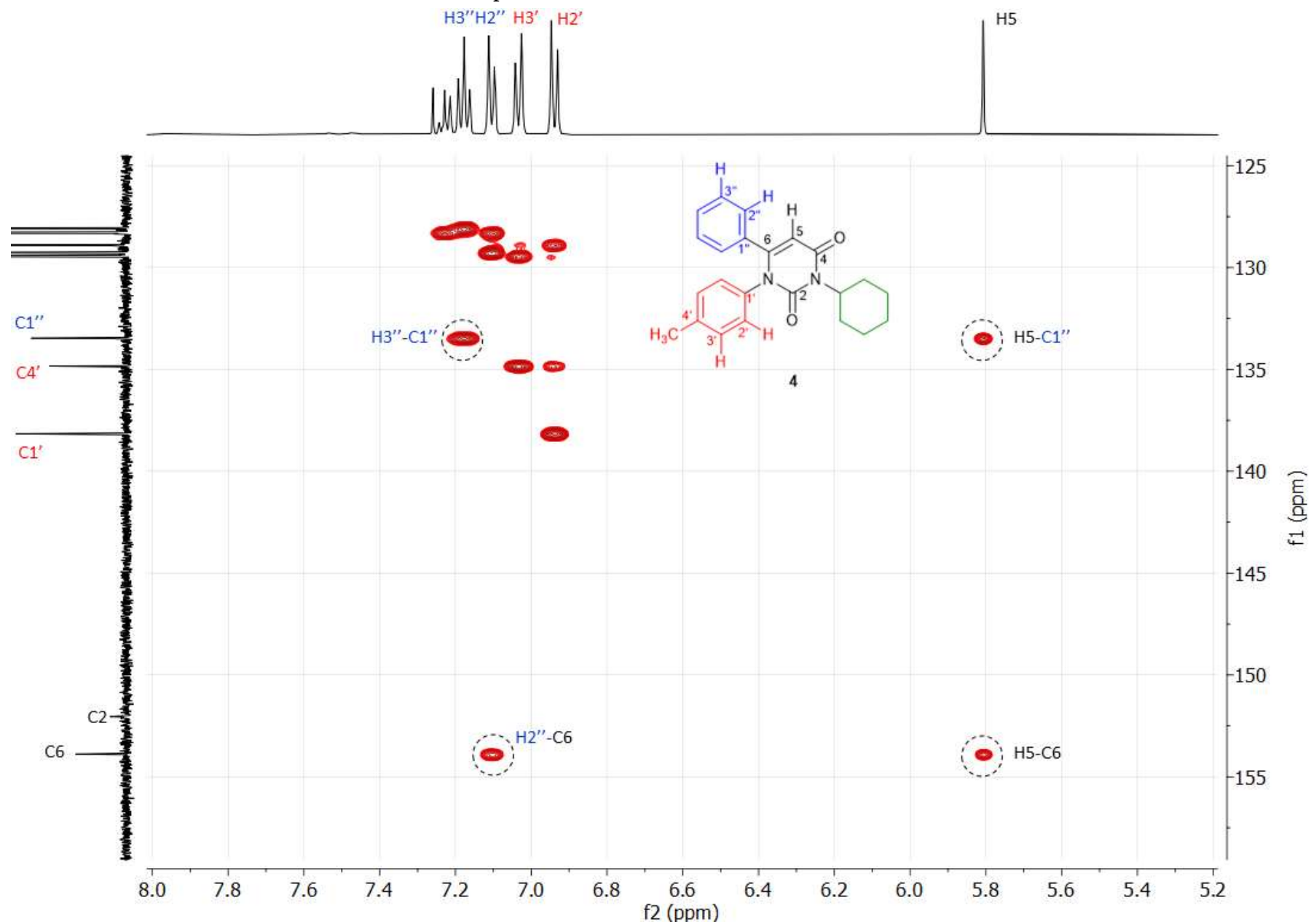
4. 2D ^1H - ^{13}C HSQC NMR (CDCl_3) – Uracil portion



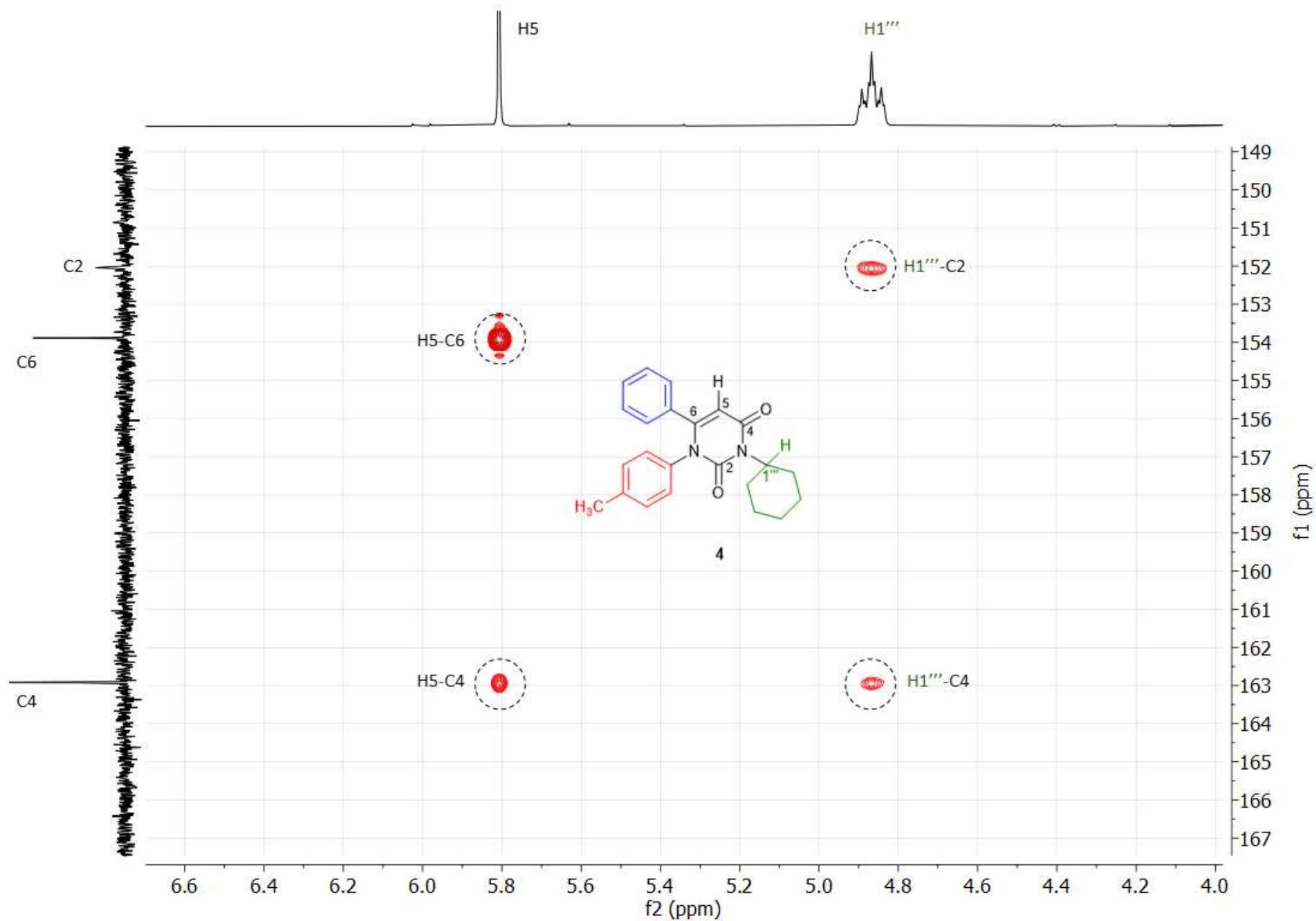
5. 2D ^1H - ^{13}C HSQC NMR (CDCl_3) – Aliphatic portion



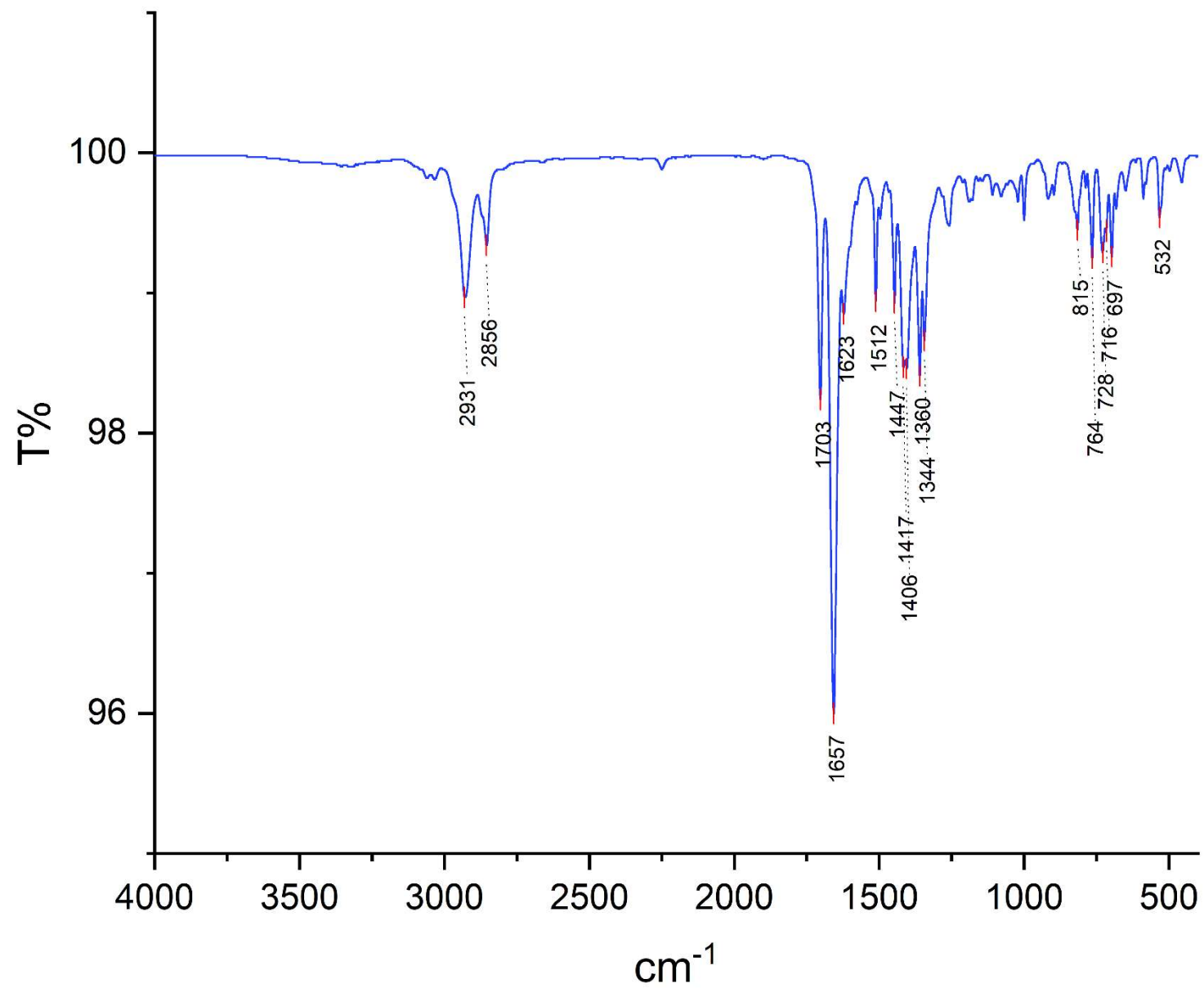
6. 2D ^1H - ^{13}C HMBC NMR (CDCl_3) – Aromatic/Uracyl portion



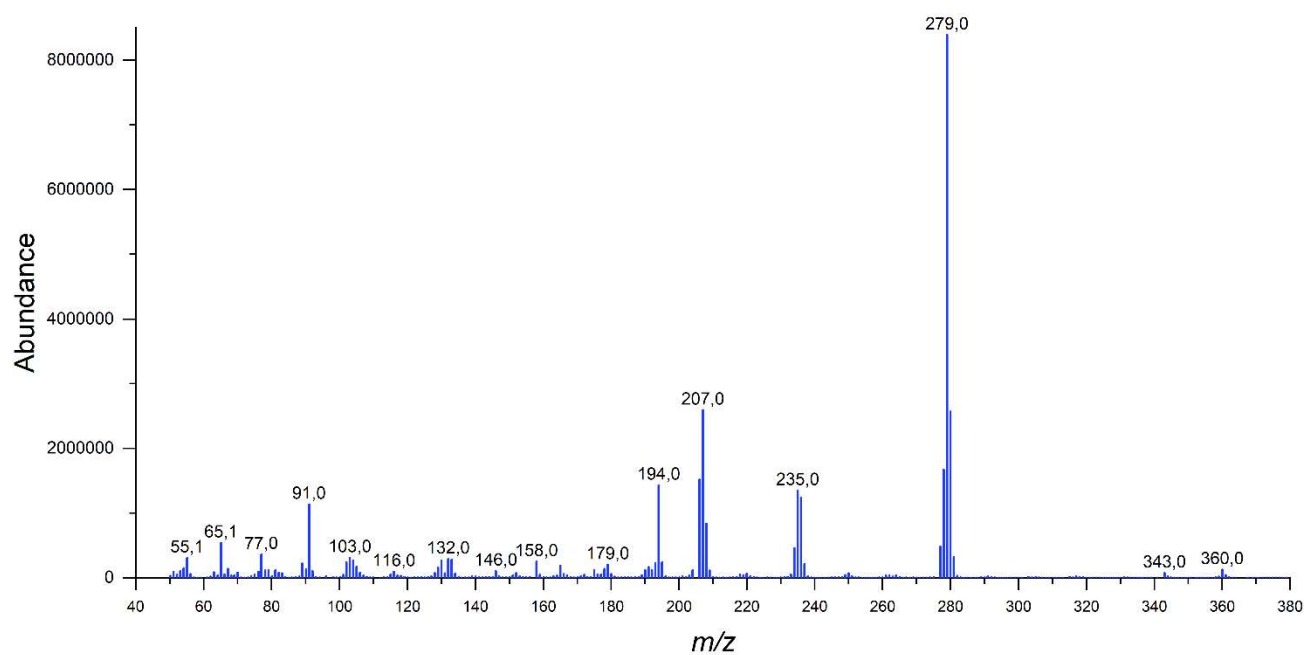
7. 2D ^1H - ^{13}C HMBC NMR (CDCl_3) – Aliphatic portion (selected)



8. FT-IR (film)



9. GC-MS (70 eV)



Peak list	
m/z	Abundance
55,1	305216
65,1	536192
77,0	359296
91,0	1133056
103,0	307392
116,0	93640
132,0	288256
146,0	102448
152,0	71560
158,0	246336
165,0	189632
179,0	201920
194,0	1427456
207,0	2589696
220,0	64768
235,0	1346560
250,0	69232
264,0	33728
279,0	8388096
290,9	21528
302,9	12690
317,0	21208
331,0	7084
343,0	70984
360,0	121920