JOC The Journal of Organic Chemistry

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Table S1. Products from CYP2B1 hydroxylation of probe **3**.

Set[a]	Substrate (μmol)	yield of products in nmol **6**	**7**	**10**	C/A[b]	% Conv.[c]	turnover[d]
1	(±) (10.0)[e]	144.3	4.6	39.8	3.7	2.0	315
	(±) (10.0)	168.8	17.8	46.1	4.0	2.5	388
2	(±) (13.5)	72.2	8.1	17.9	4.5	0.8	164
	(+) (7.5)	66.1	5.6	11.2	6.4	1.2	138
	(–) (14.5)	55.0	7.5	16.0	3.9	0.6	131
3	(±) (12.0)	66.6	7.6	17.3	4.3	0.8	153
	(+) (13.5)	51.8	5.0	9.0	6.3	0.6	110
	(–) (10.5)	43.4	5.9	11.1	4.4	0.7	101
4	(±) (9.5)	63.4	9.7	14.8	4.9	1.0	146
	(+) (12.0)	88.8	10.7	12.4	8.0	1.0	187
	(–) (12.5)	83.3	15.5	21.4	4.6	1.0	200
5	(±) (1.30)	111.0	5.0	29.6	3.9	11	243
	(+) (1.20)	113.0	4.4	21.6	5.5	11	232
	(–) (1.05)	137.0	7.3	45.2	3.2	18	316
6	(±) (1.30)	102.0	3.4	25.9	4.1	11	219
	(+) (1.20)	106.7	3.9	22.1	5.0	11	221
	(–) (1.05)	111.3	6.1	43.8	2.7	15	269
7	(±) (1.30)	173.8	10.8	46.7	4.0	18	386
	(+) (1.20)	185.9	10.4	46.7	5.3	19	389
	(–) (1.05)	166.3	12.4	68.1	2.6	23	411

[a]Set indicates a group of reactions performed simultaneously. [b]Ratio of cyclic to acyclic products. [c]Percent conversion of substrate. [d]Number of enzyme turnovers. [e]Conducted with rat liver reductase; all other experiments employed expressed reductase.

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probe 1

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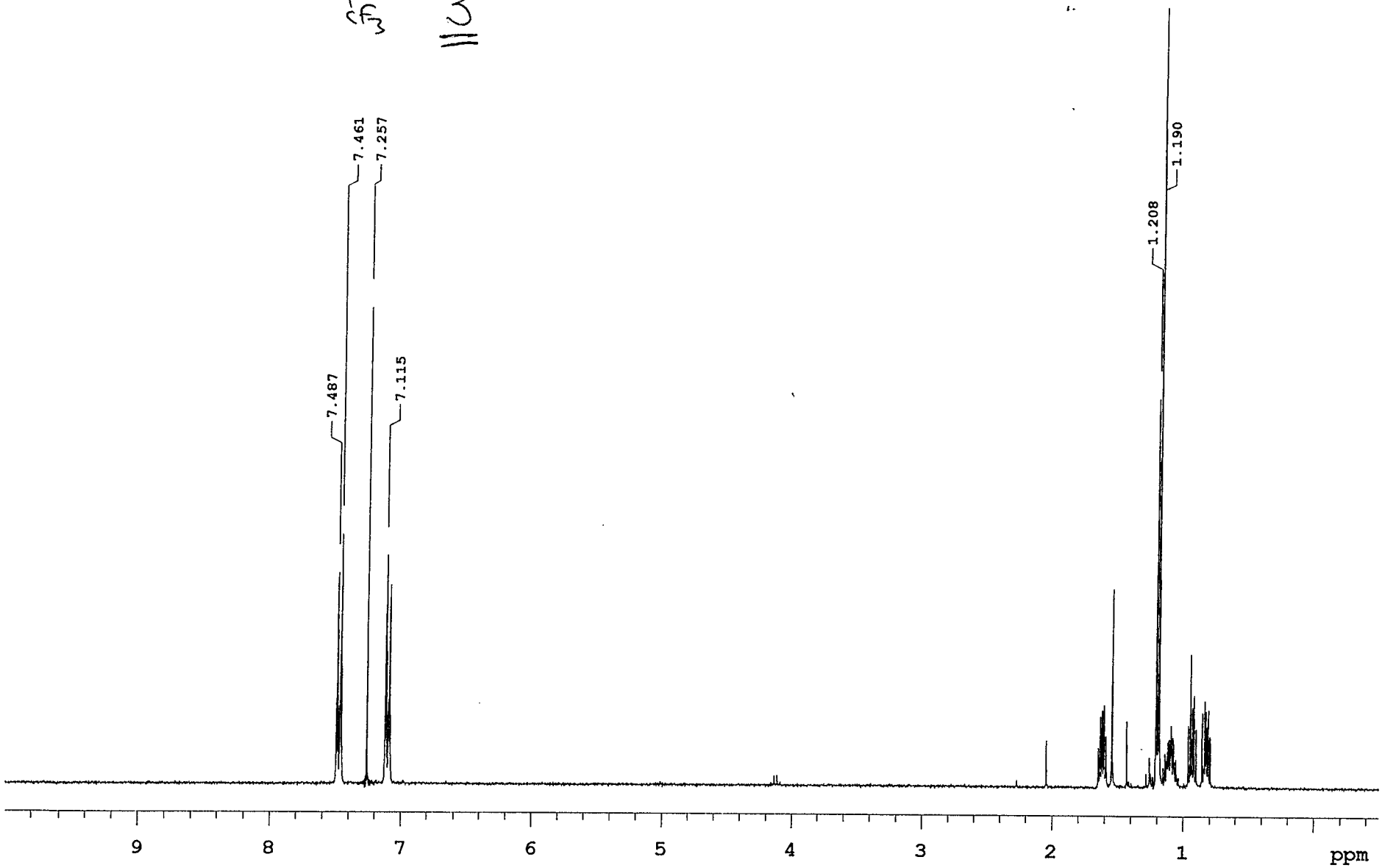

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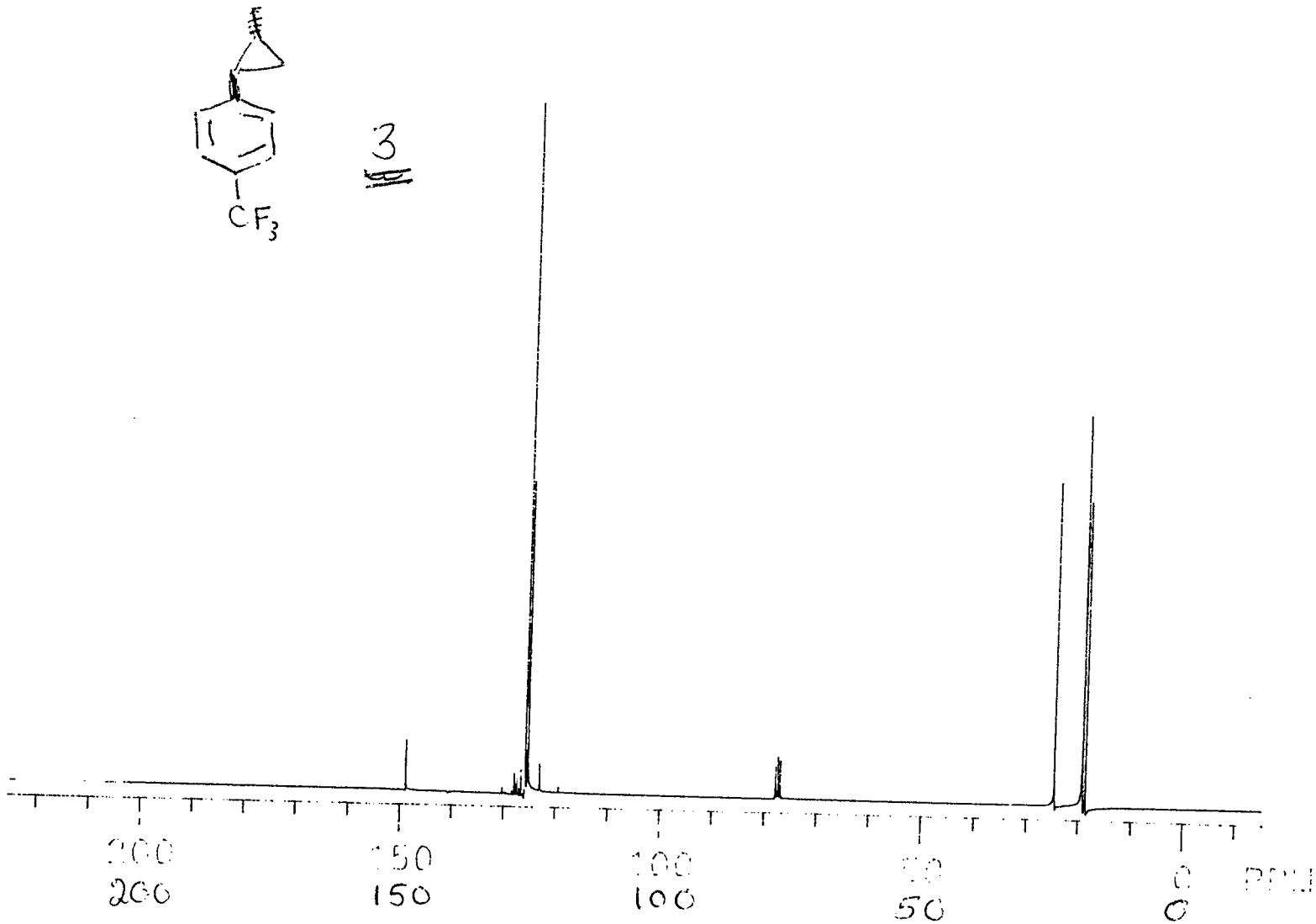

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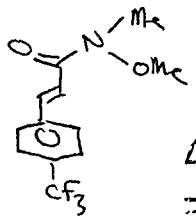

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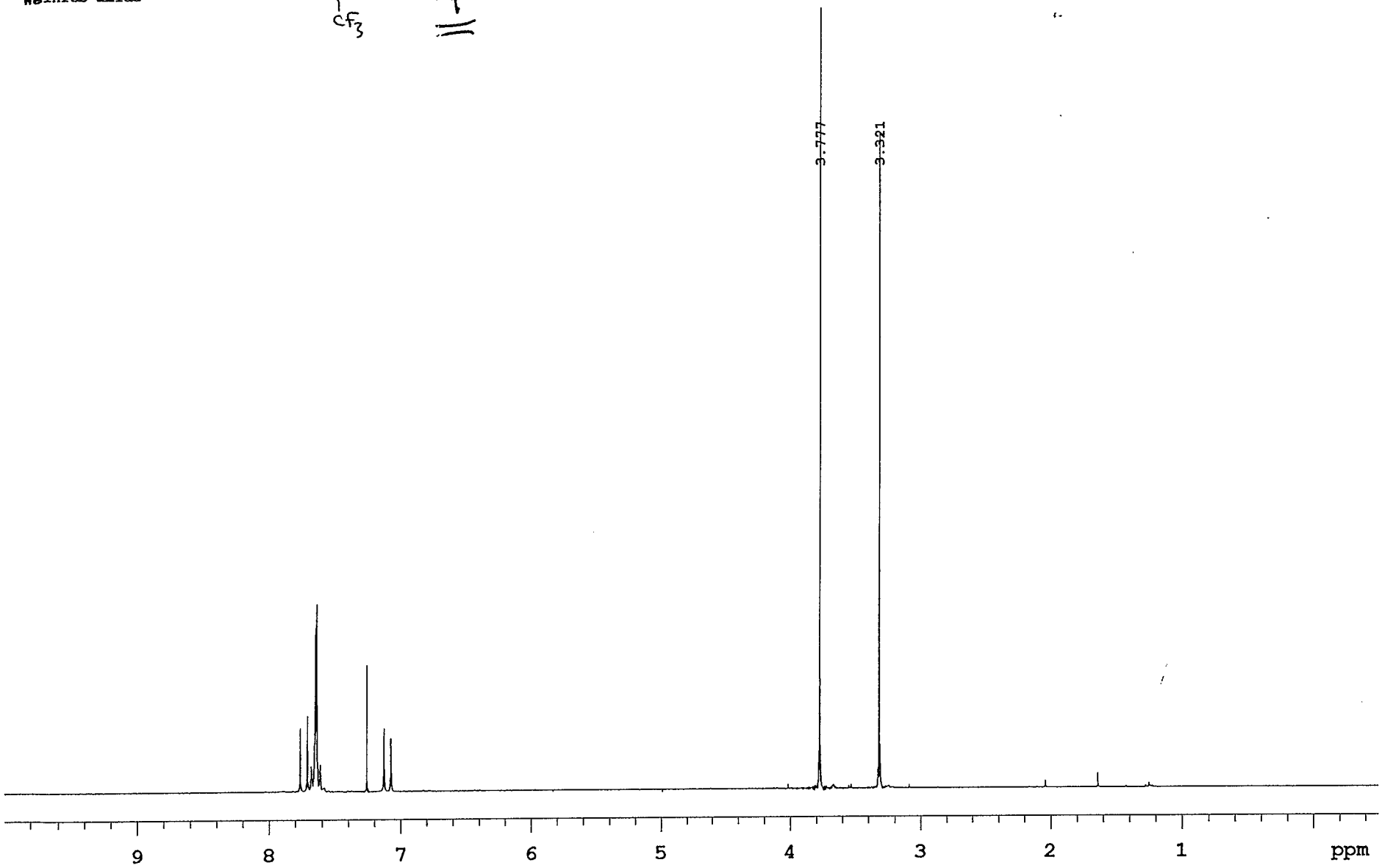

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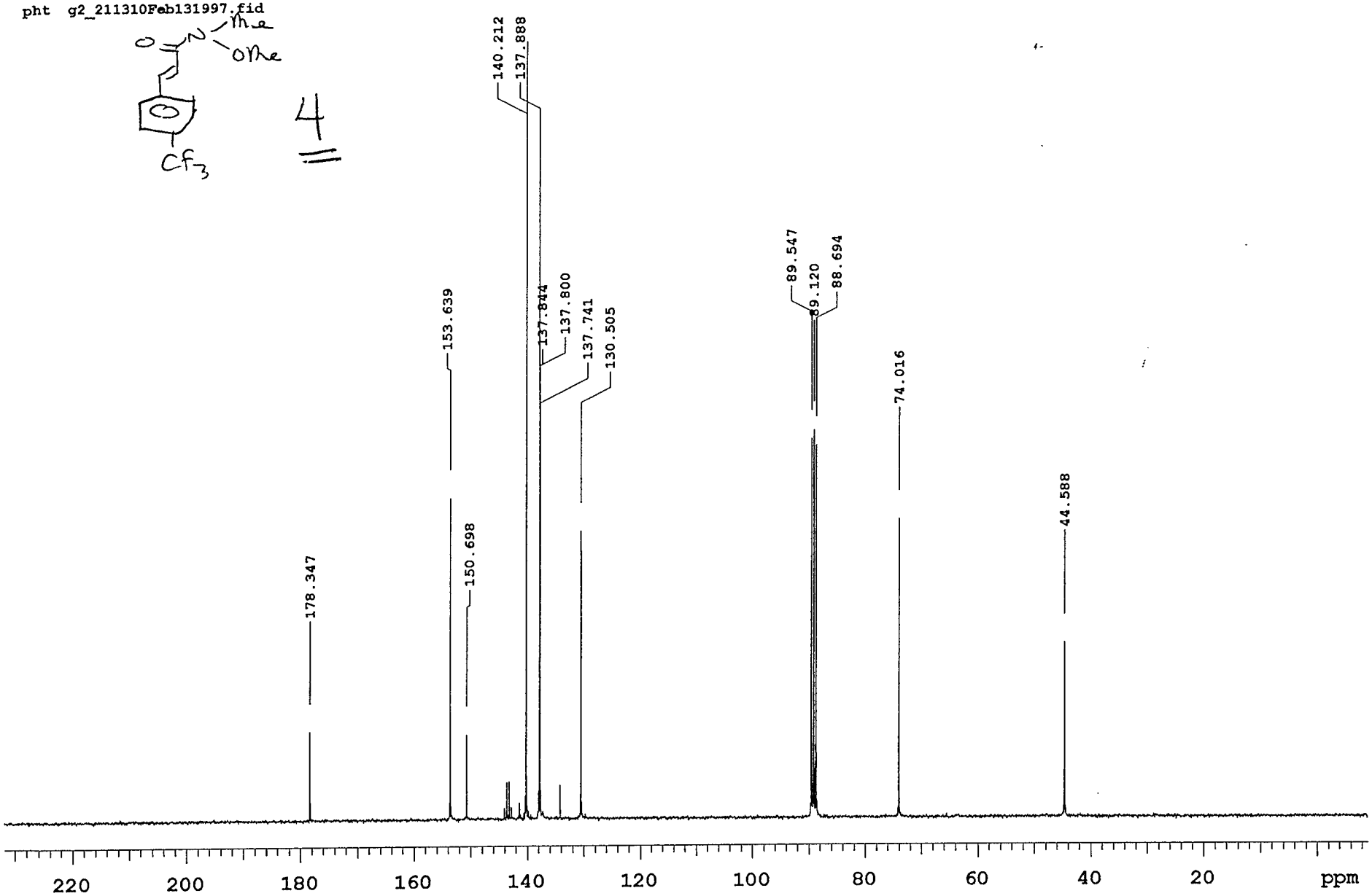

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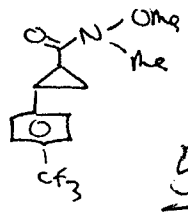

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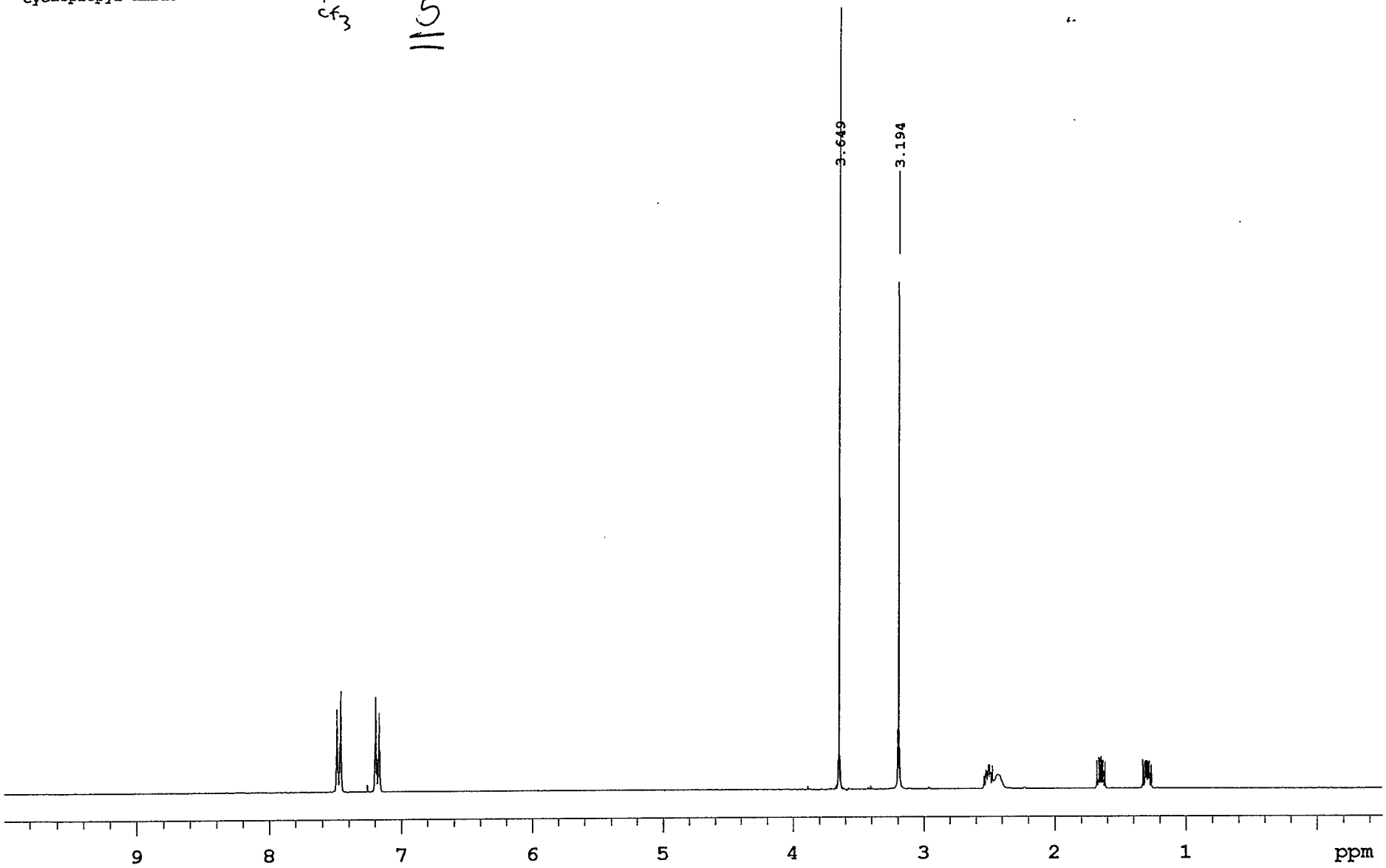

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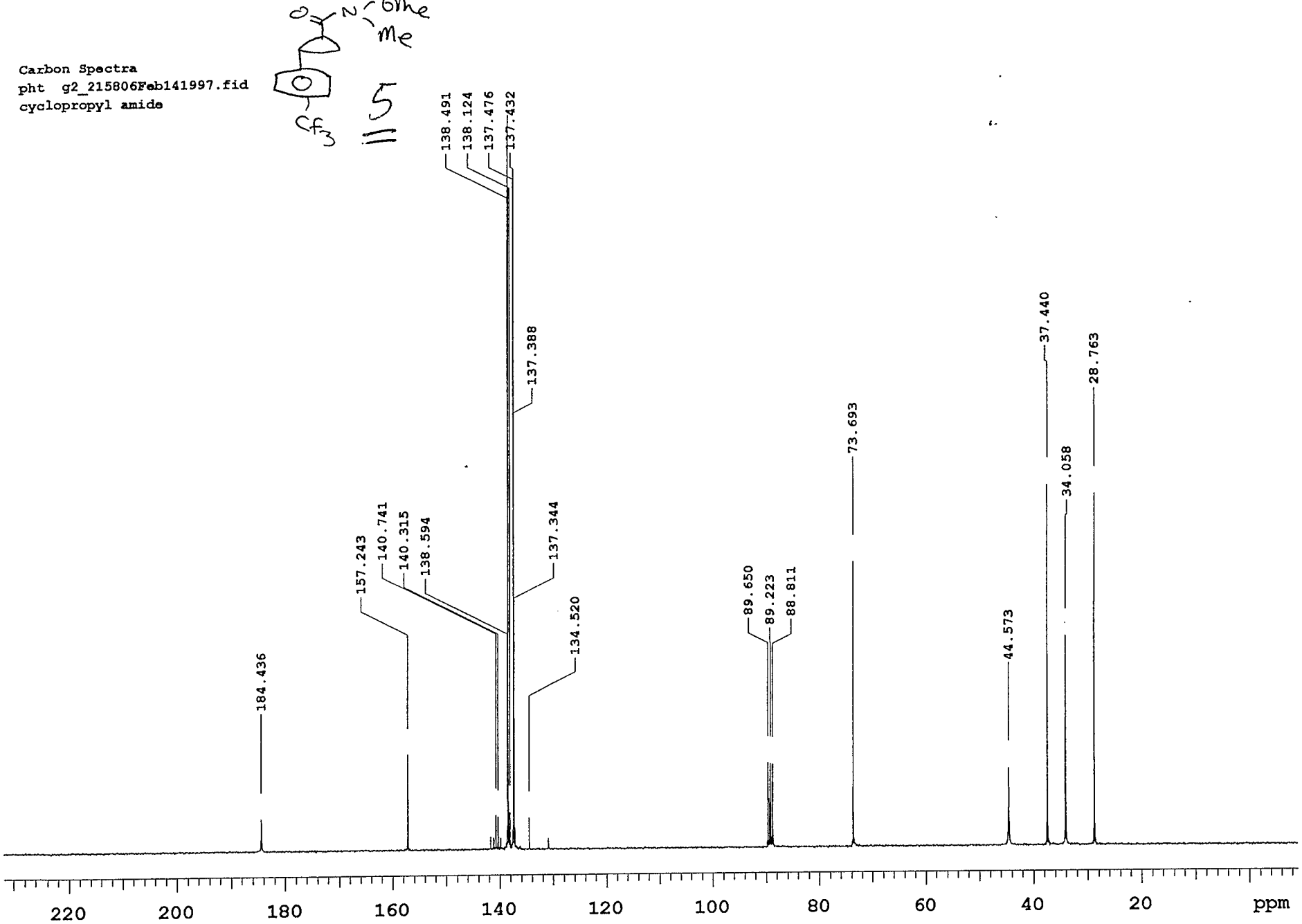

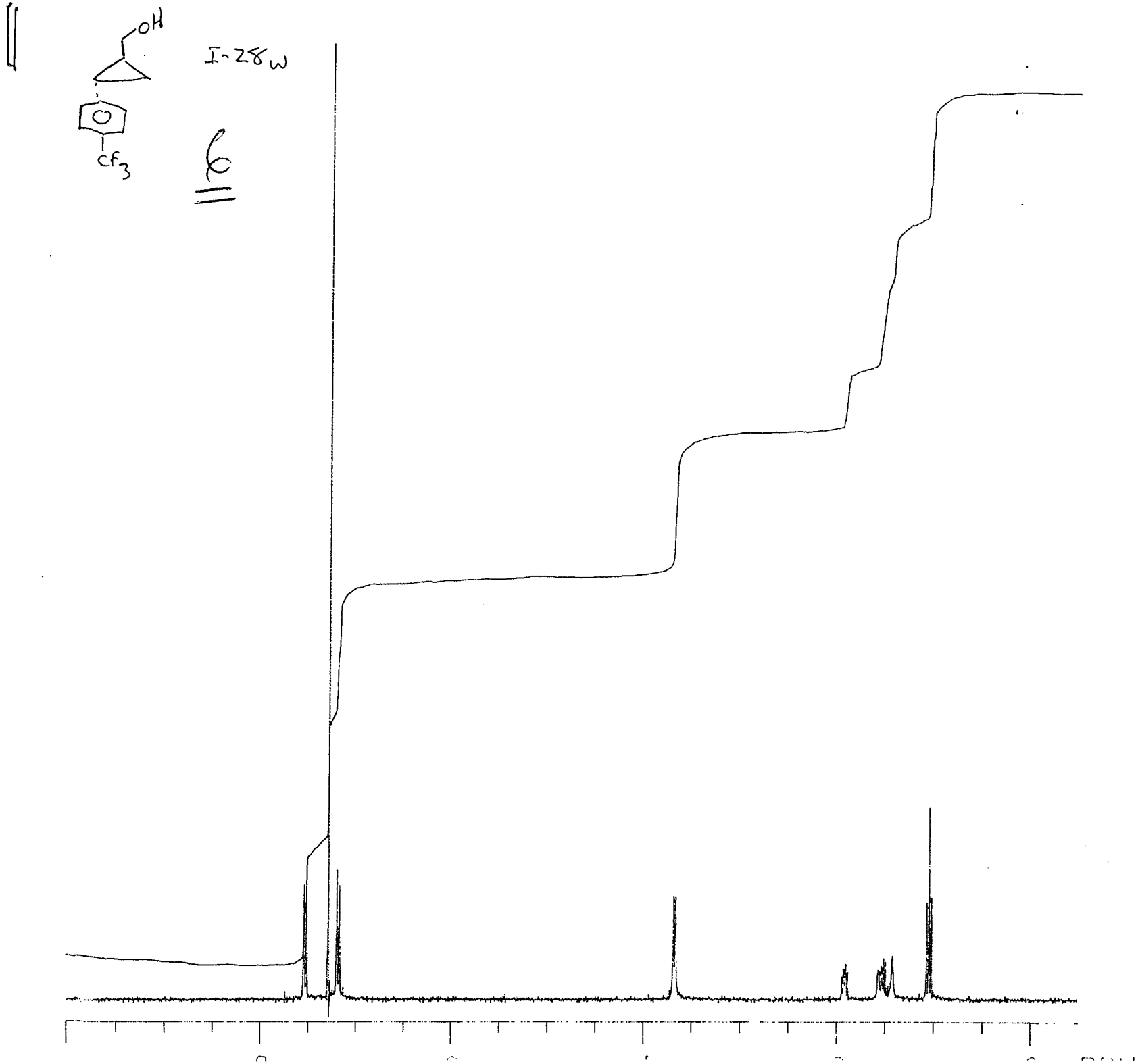
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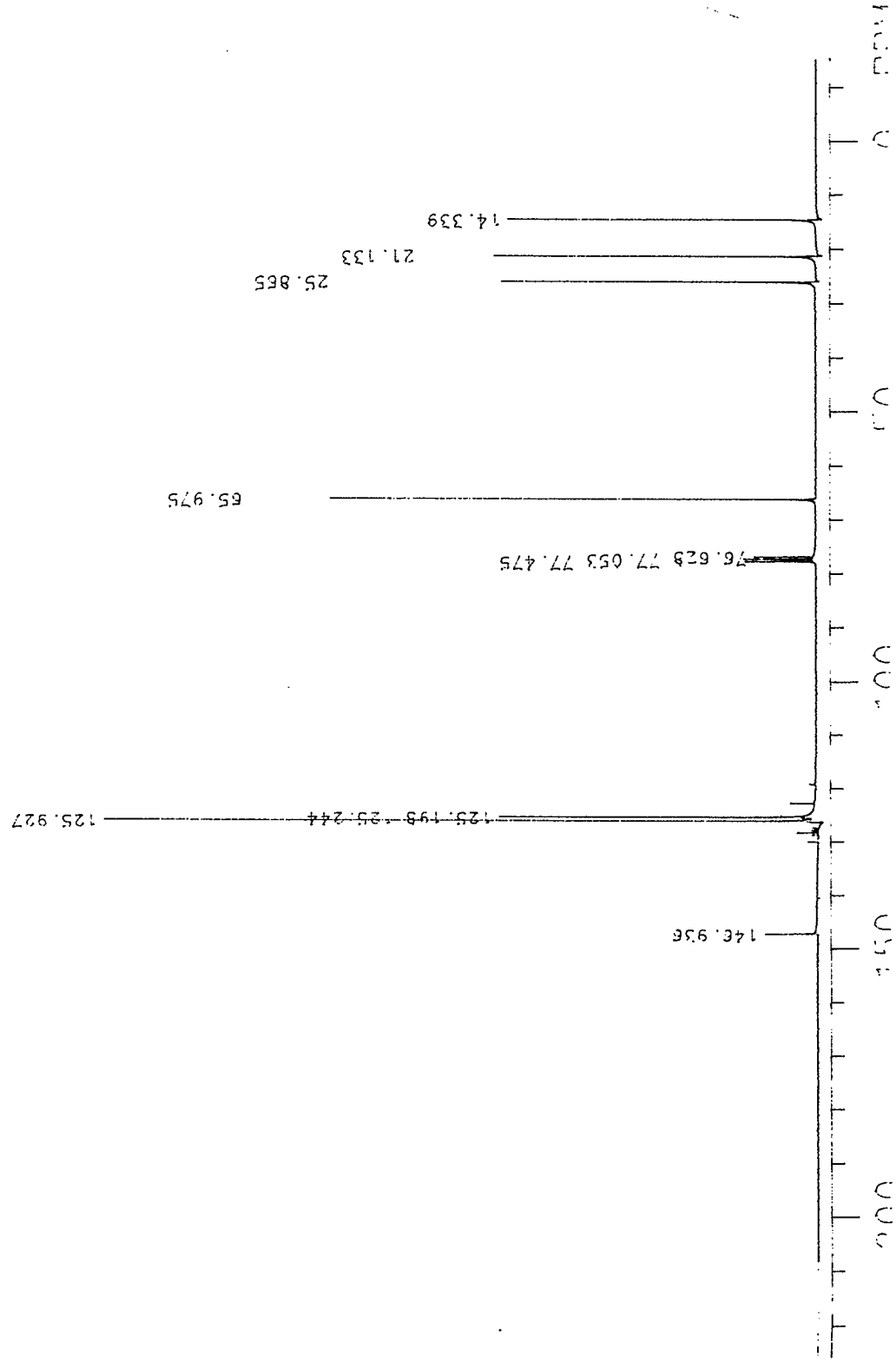

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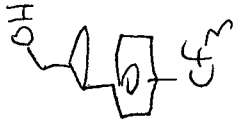

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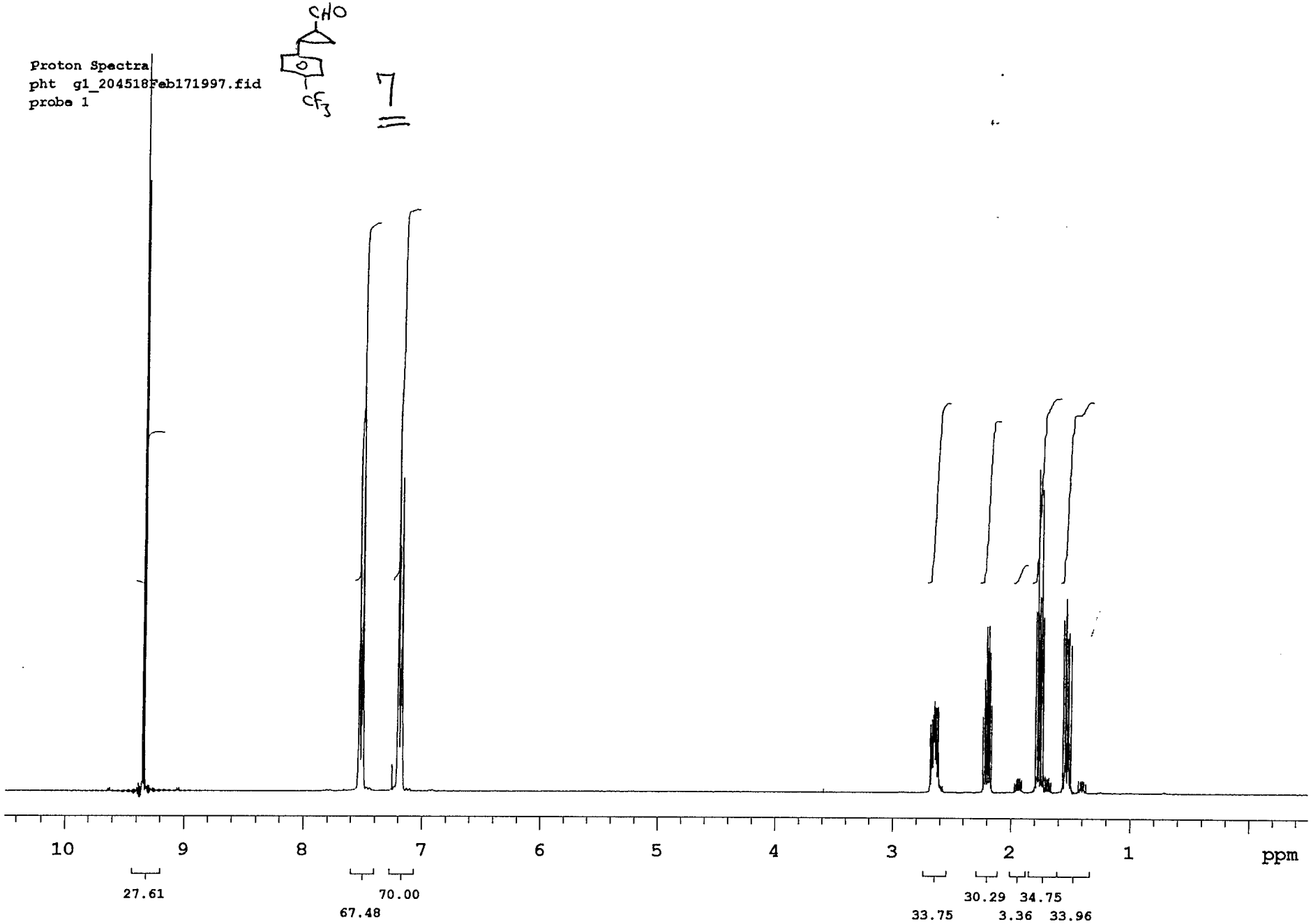

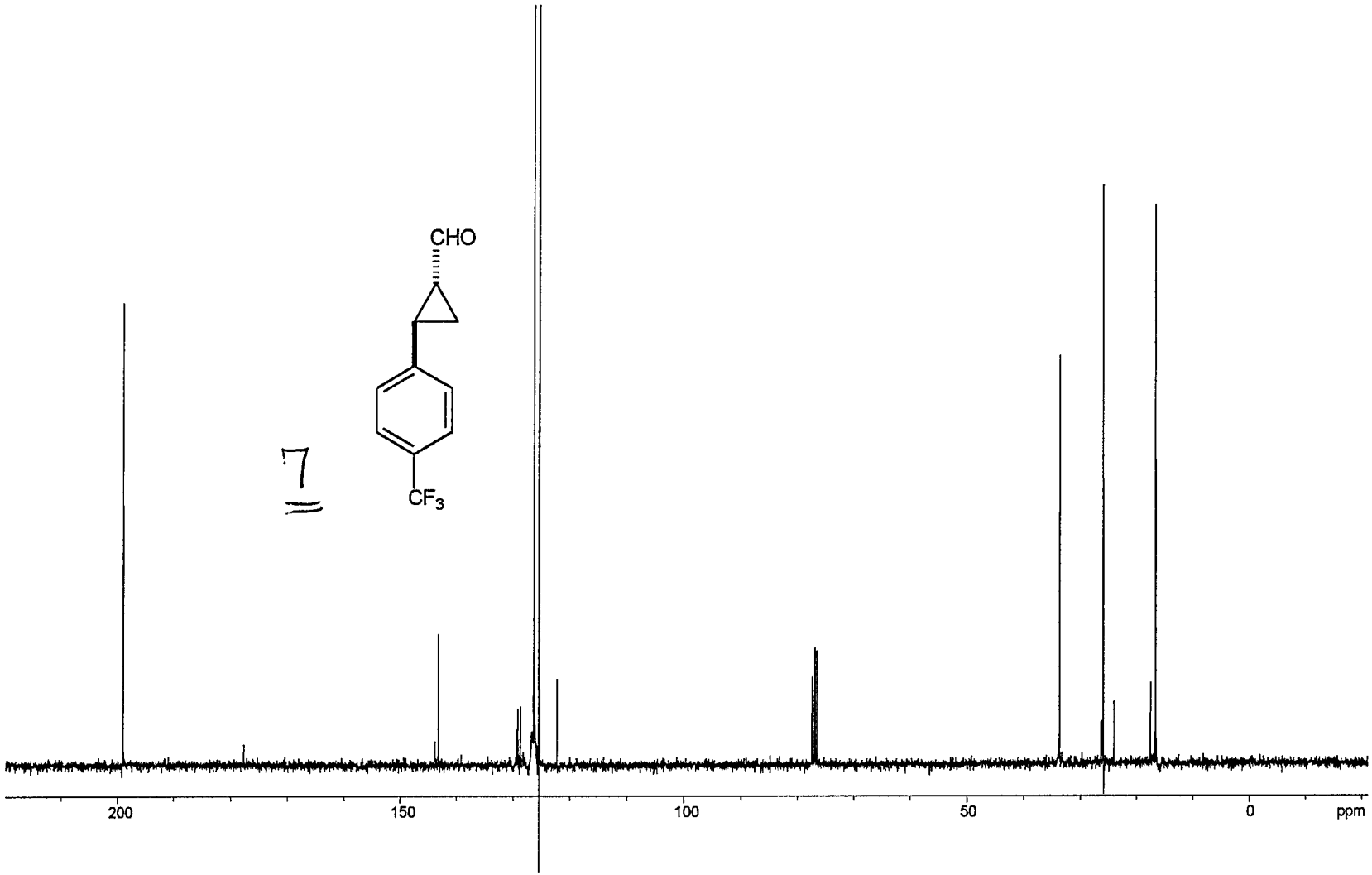
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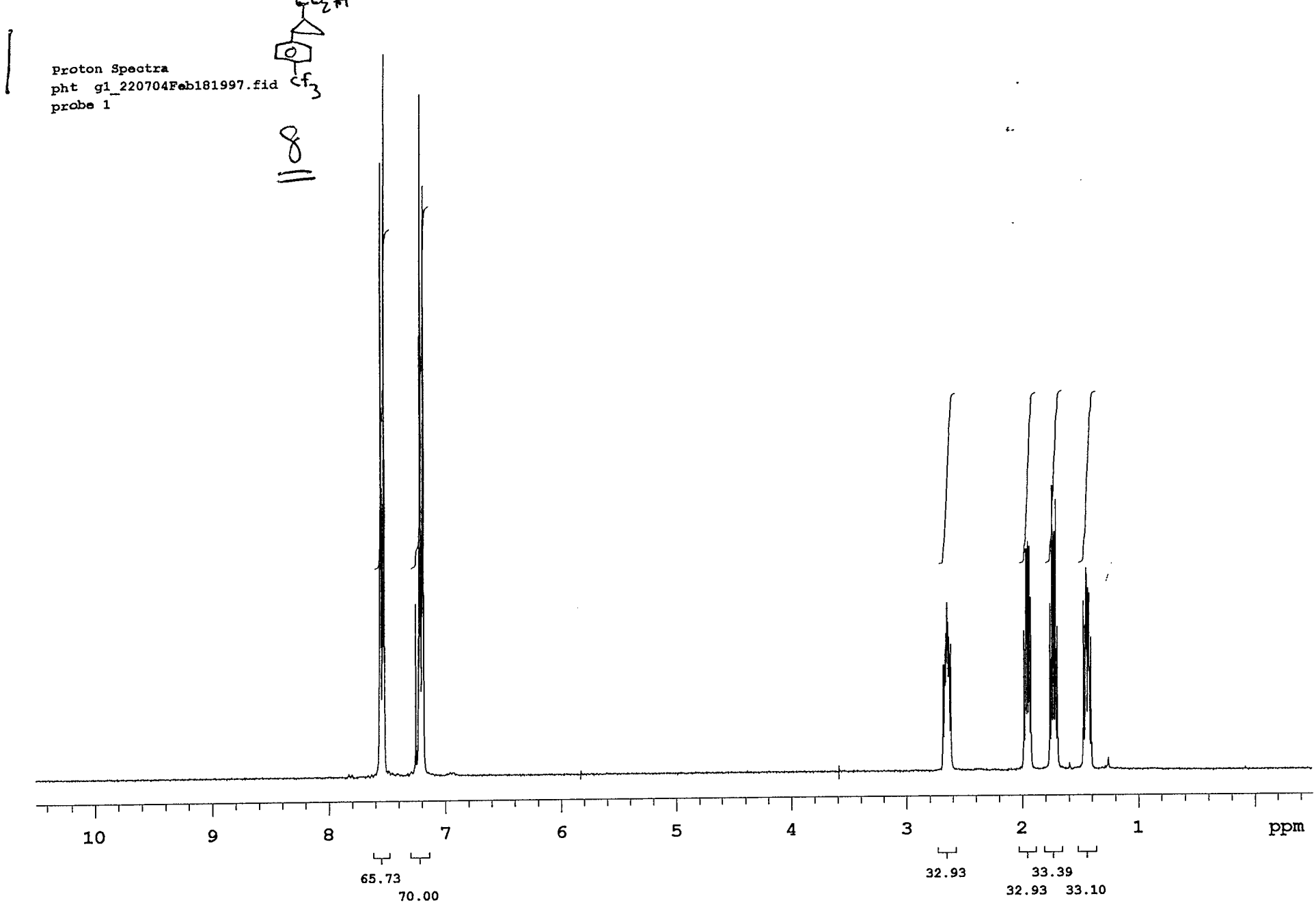

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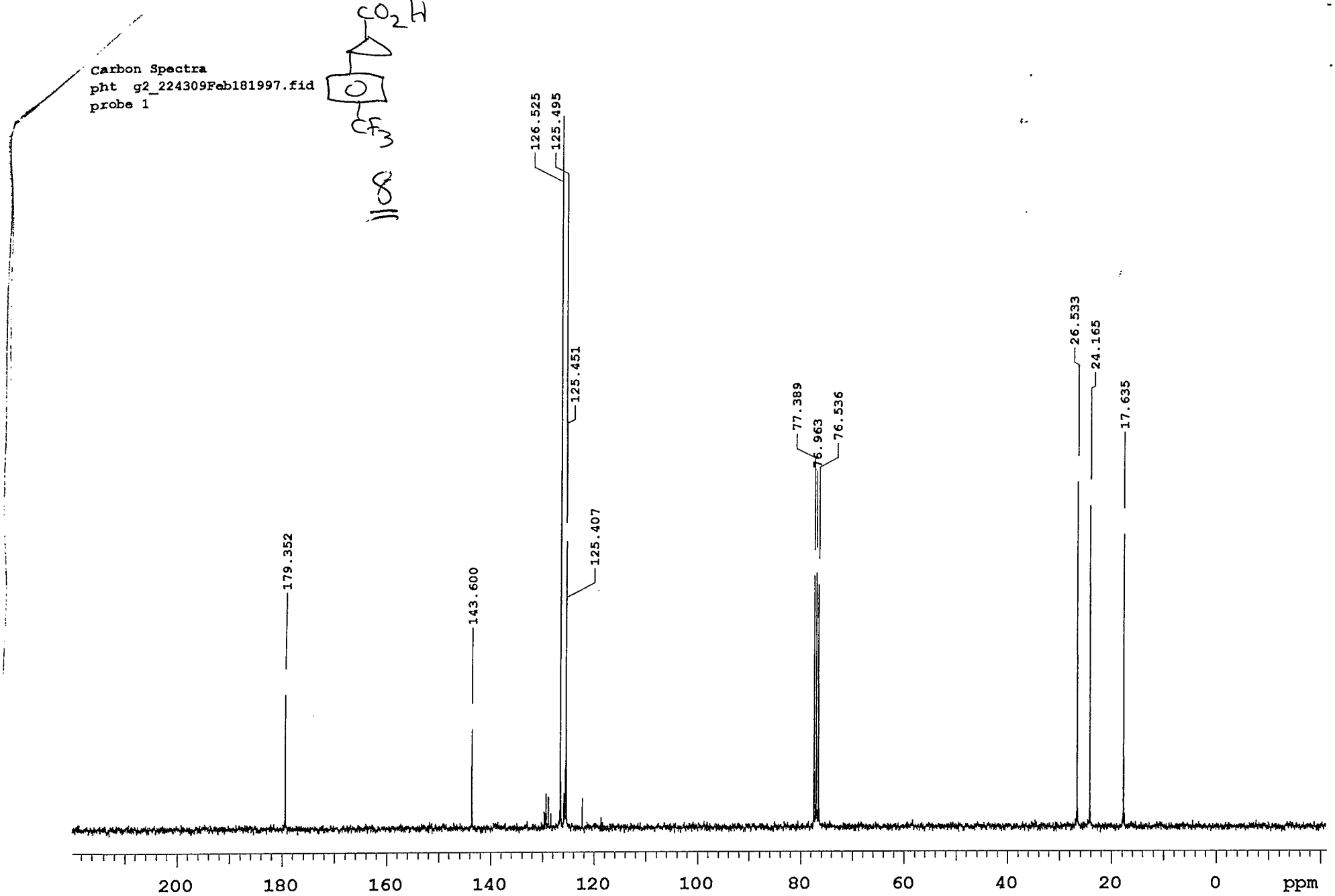
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26.533
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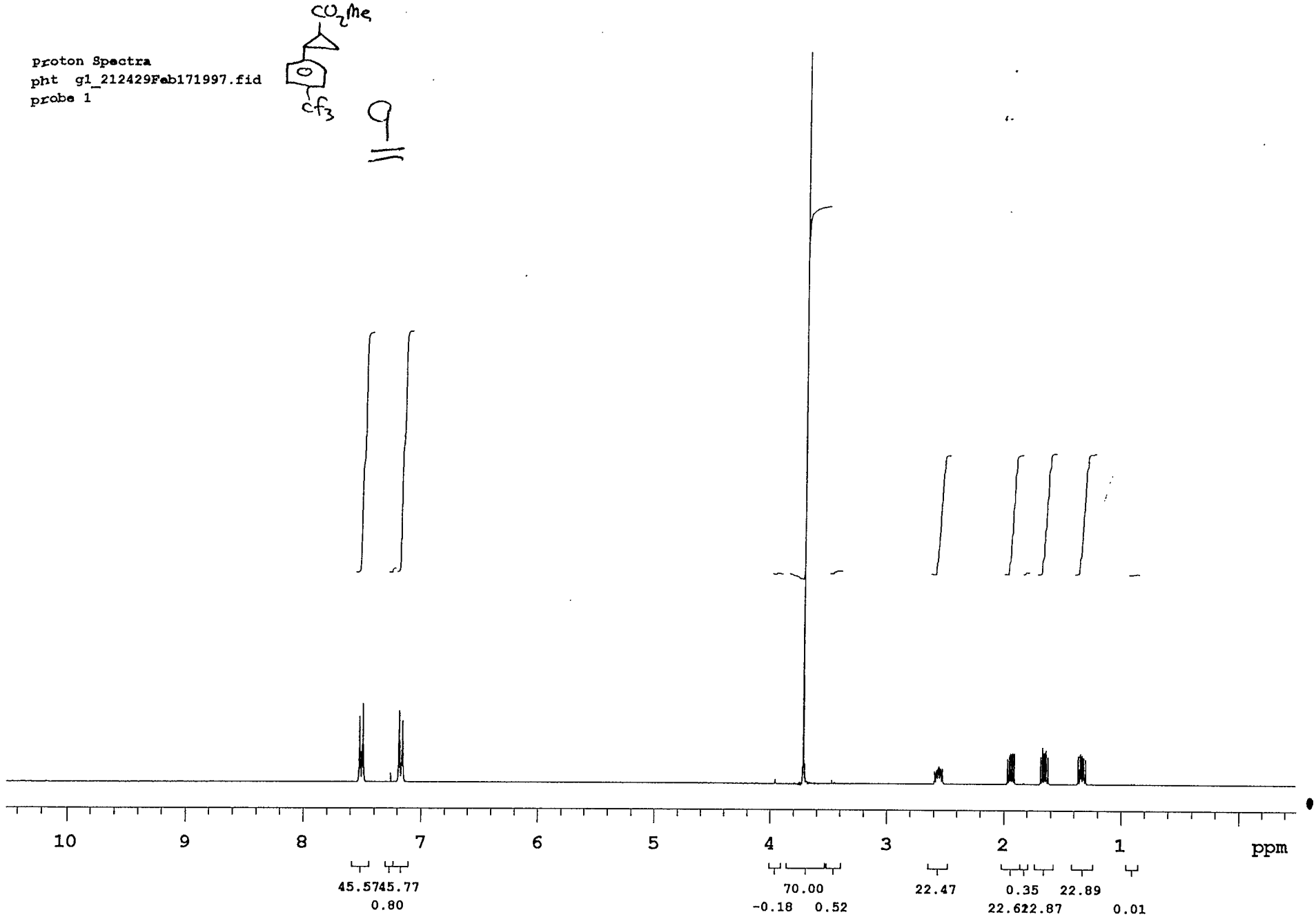

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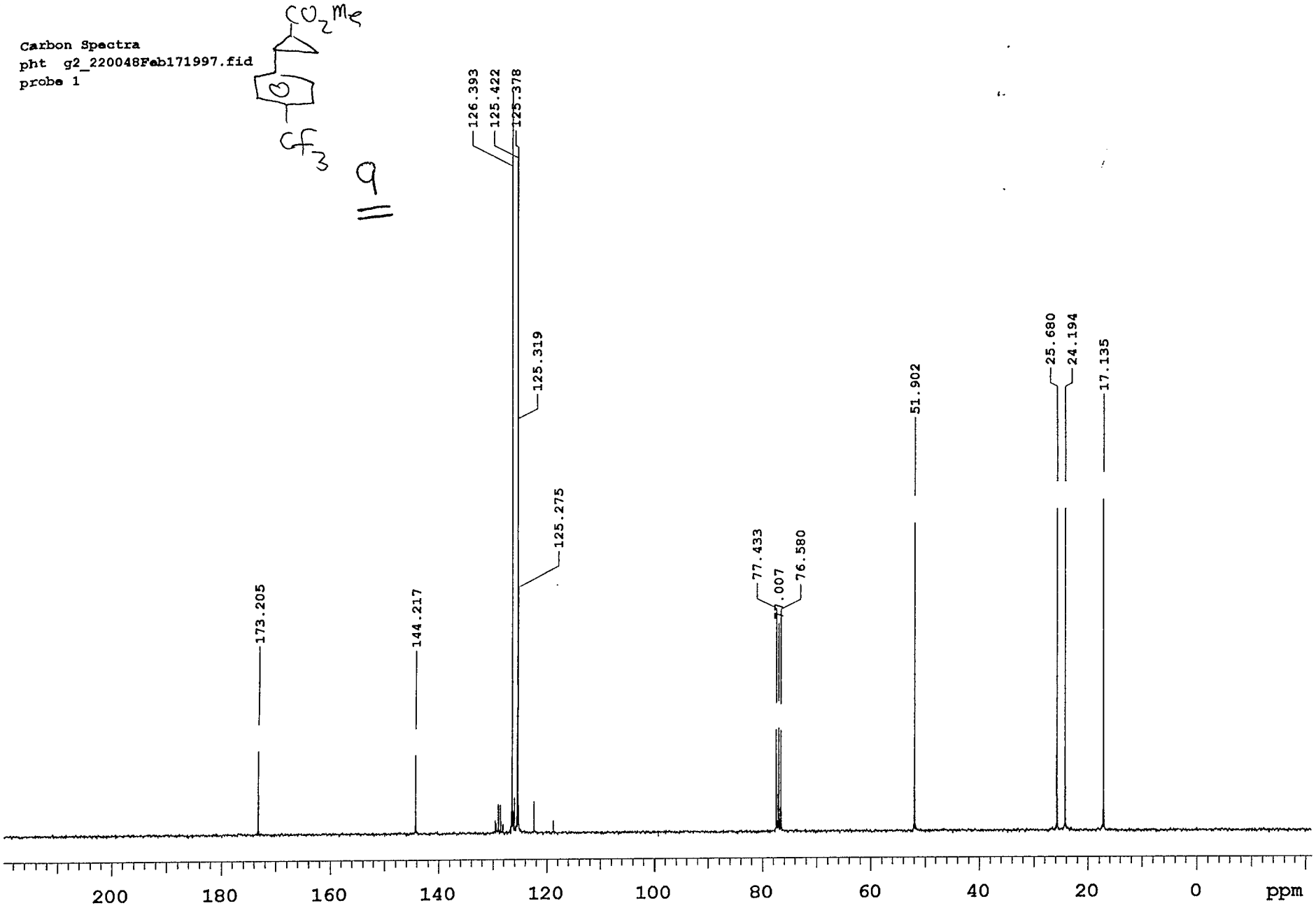

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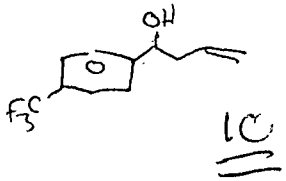

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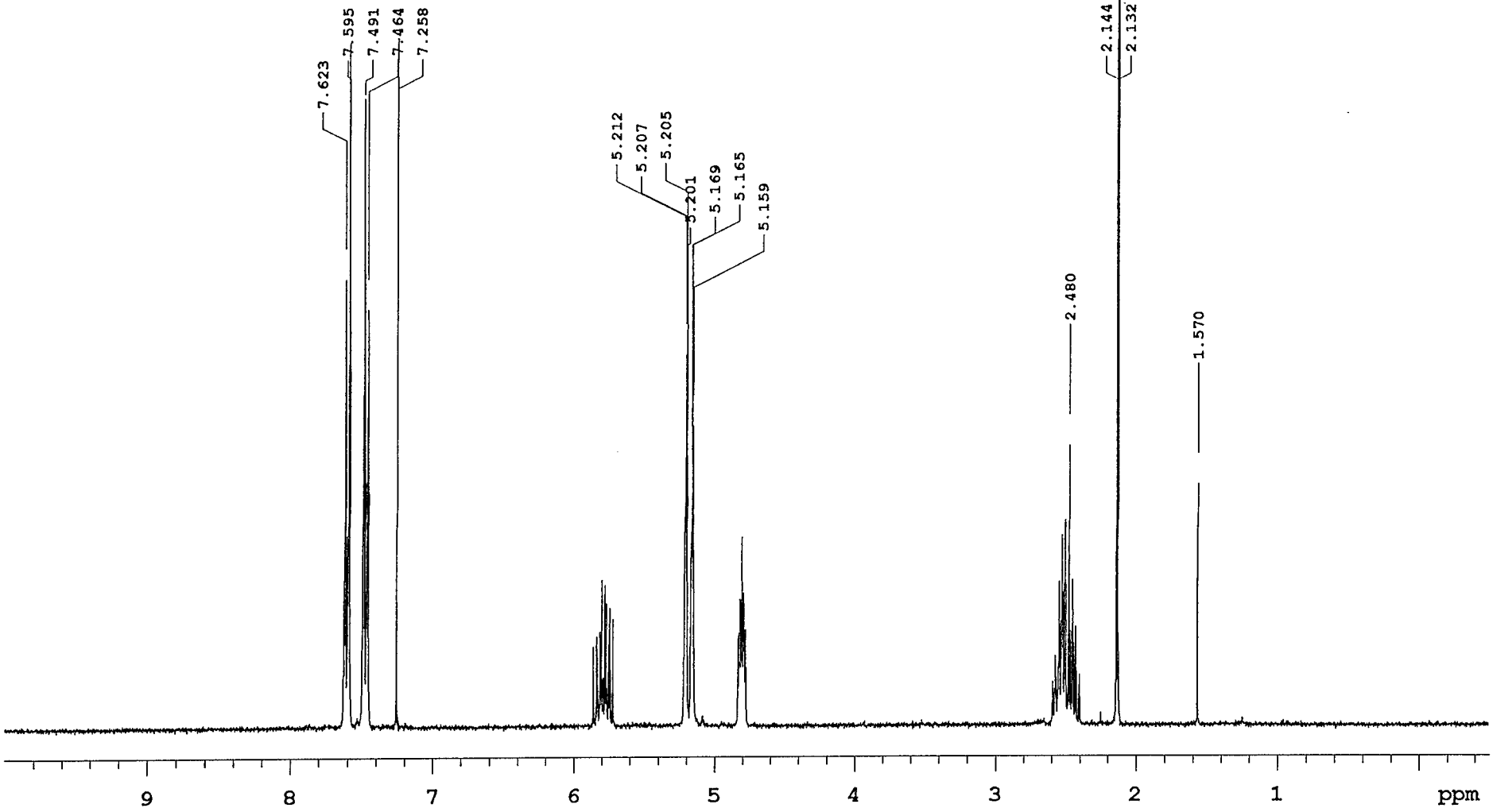

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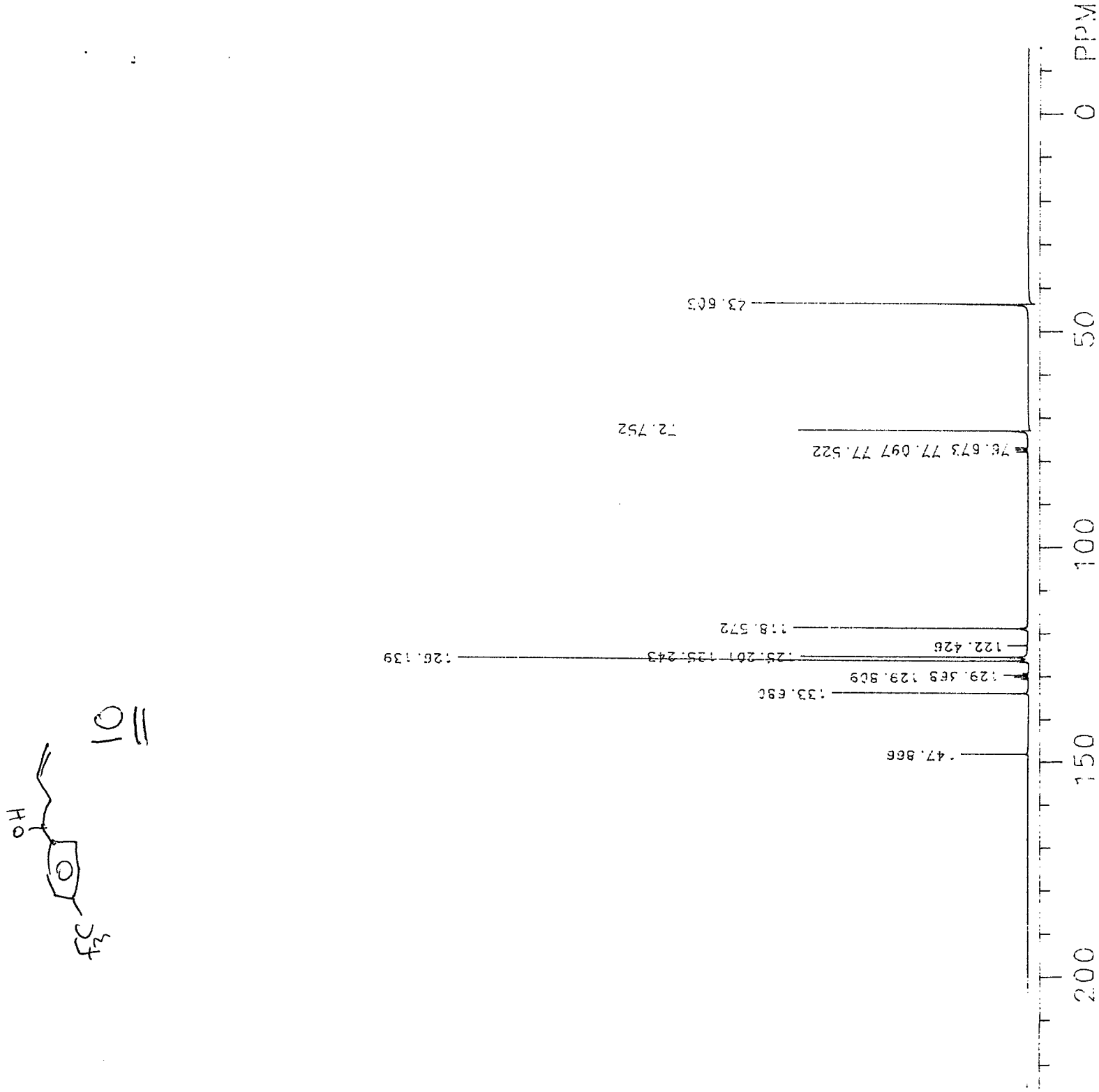

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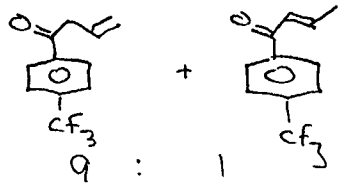

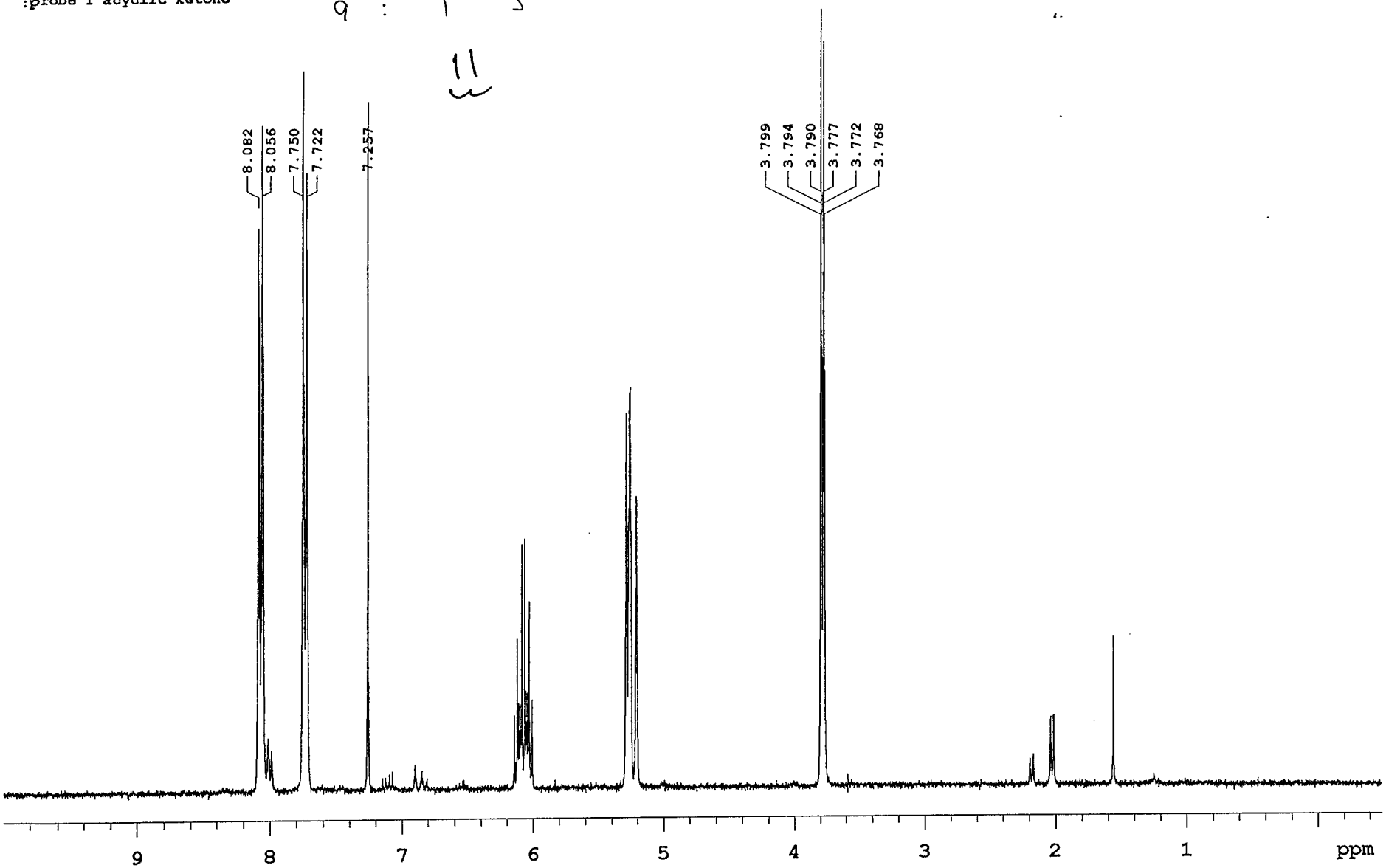

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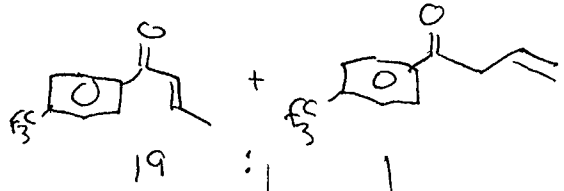
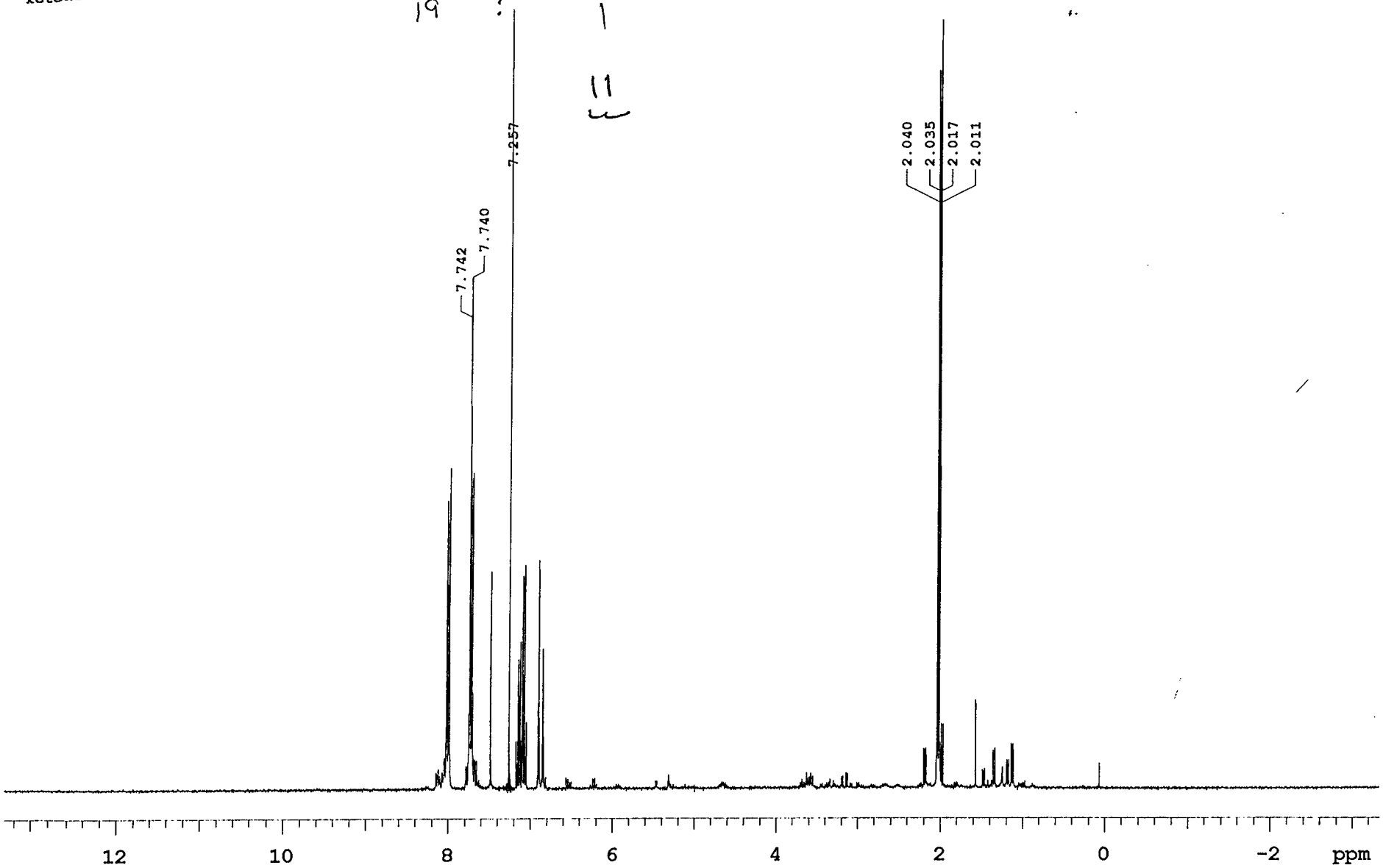
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