

Supplementary Information

Contents

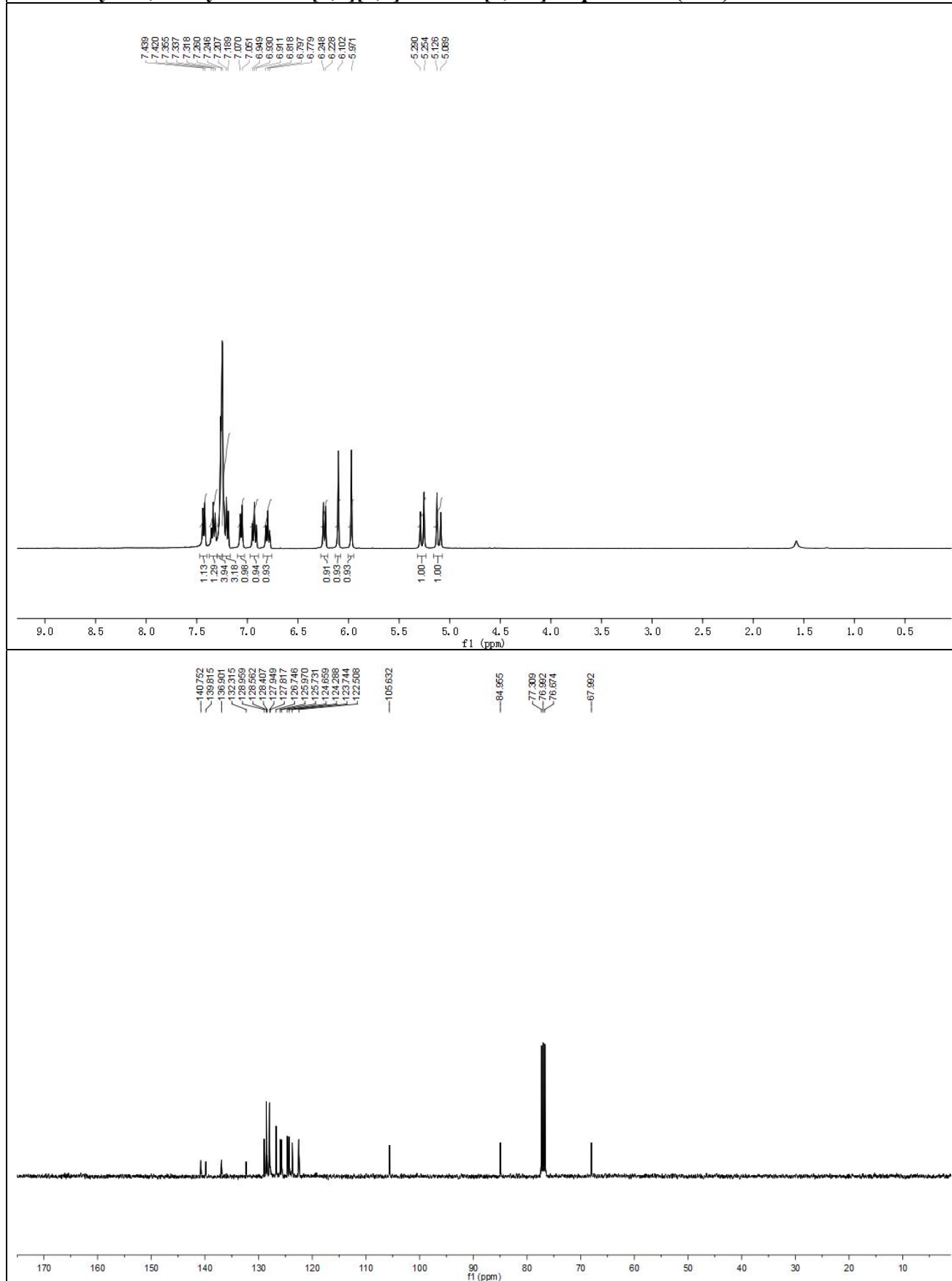
The Details of the X-ray Crystallographic Structure of 3Aa.....S1

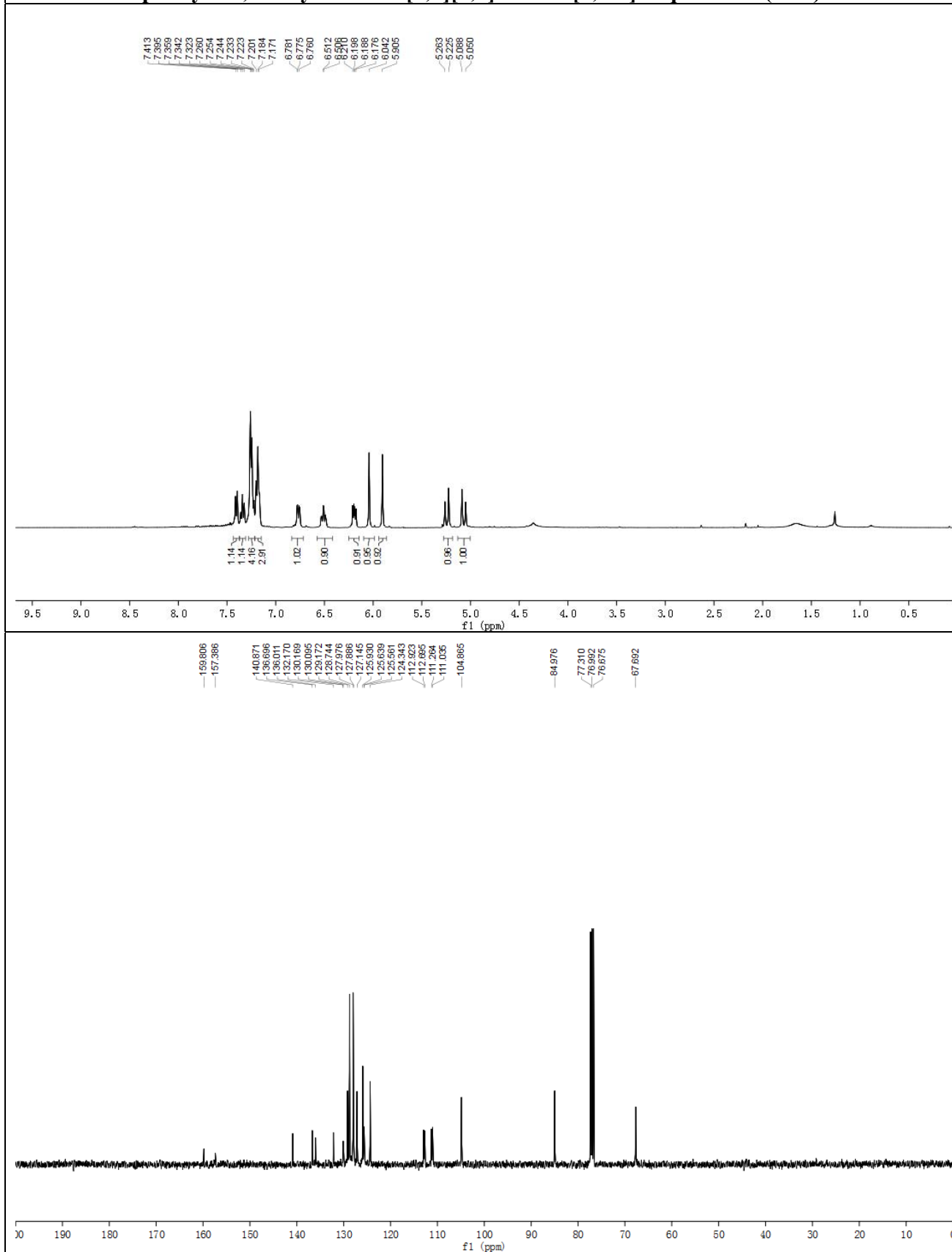
Copies of ¹H-NMR and ¹³C-NMR of Compounds.....S2

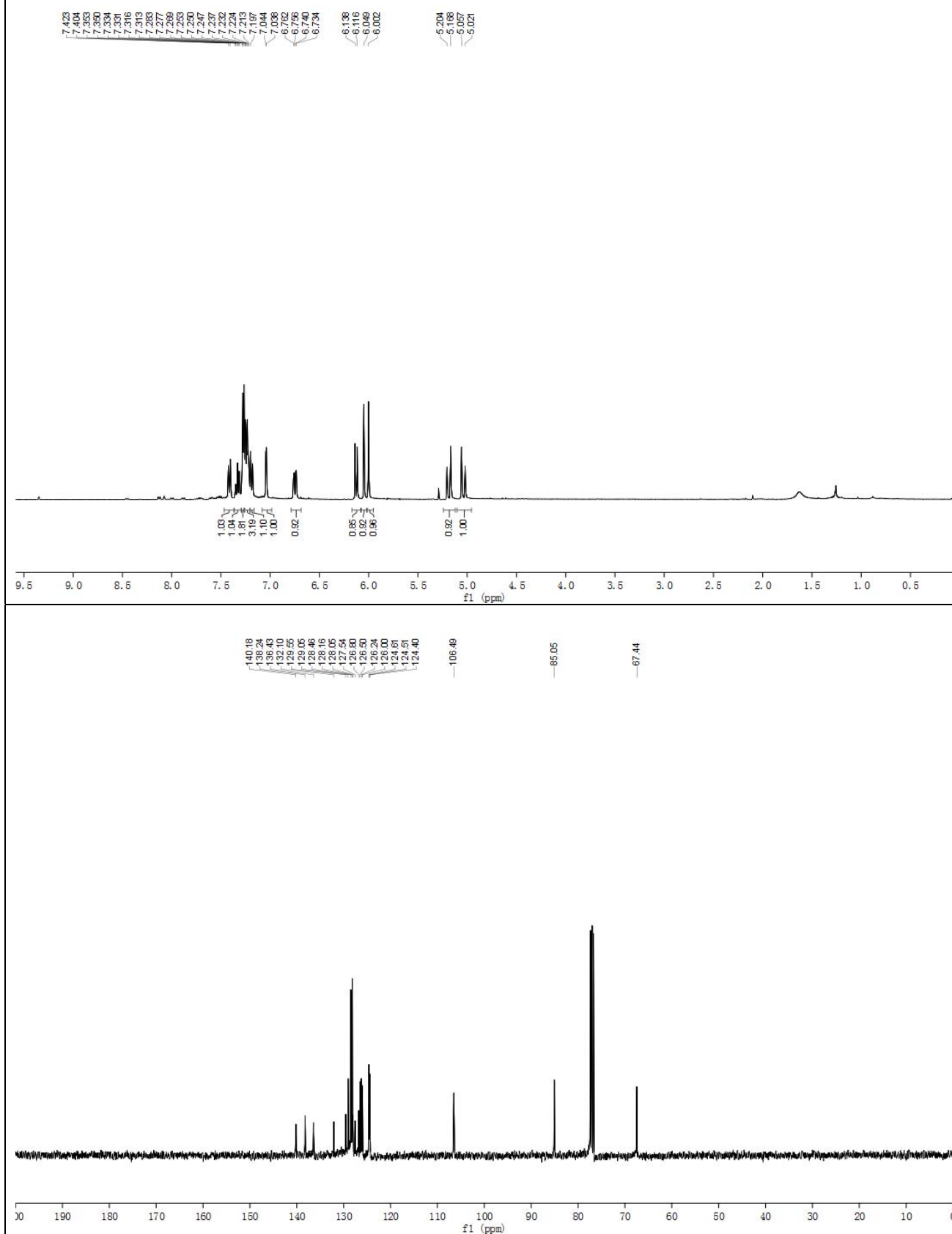
The Details of the X-ray Crystallographic Structure of 3Aa

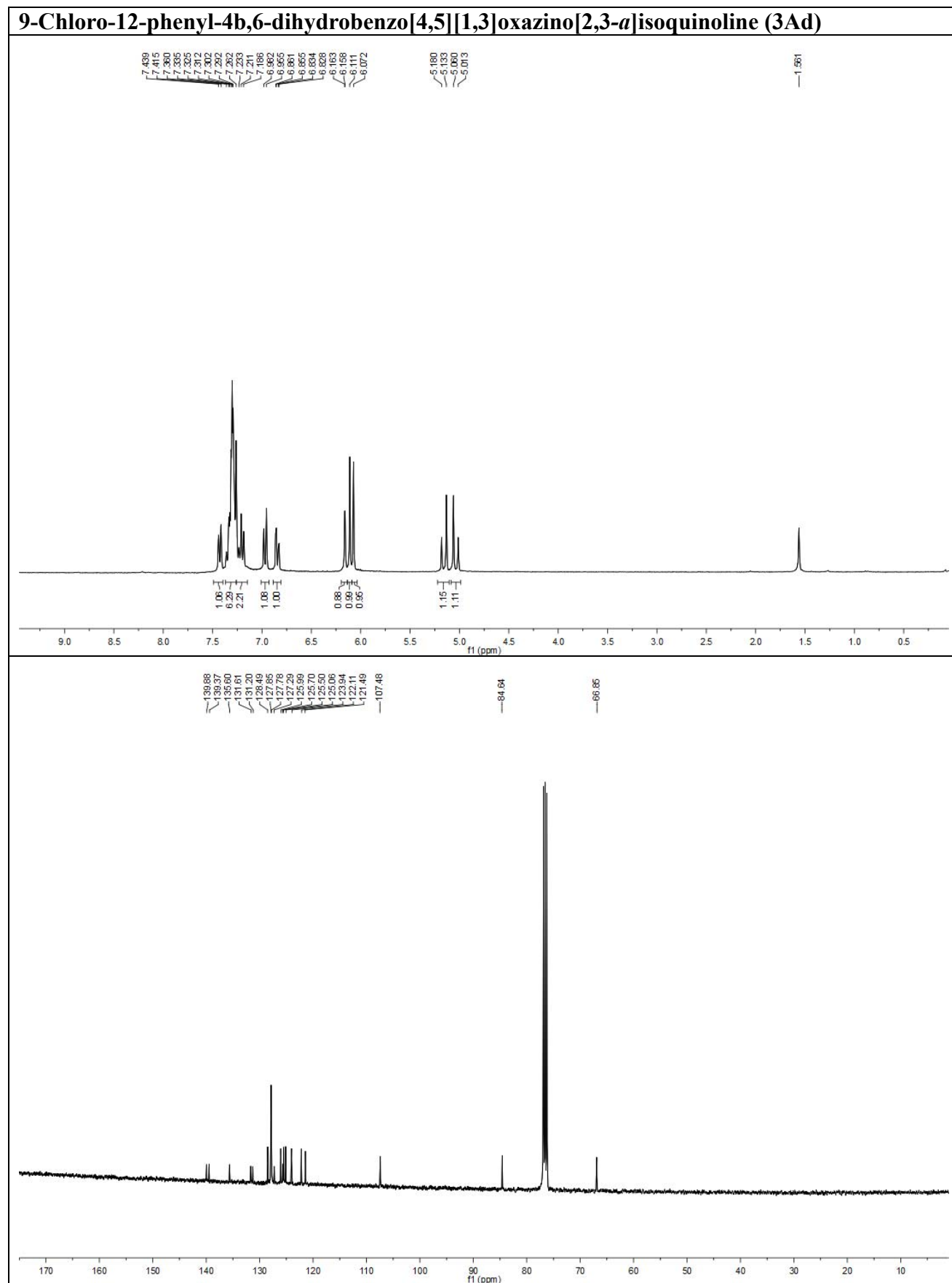
Bond precision:	C-C = 0.0023 Å	Wavelength = 0.71073
Cell:	a = 11.3144(10) b = 5.7266(5) c = 13.1302(11)	
	alpha = 90 beta = 114.075(2) gamma = 90	
Temperature:	293 K	
	Calculated	Reported
Volume	776.74(12)	776.74(12)
Space group	P 21	P2(1)
Hall group	P 2yb	P 2yb
Moiety formula	C22 H17 N O	C22 H17 N O
Sum formula	C22 H17 N O	C22 H17 N O
Mr	311.37	311.37
Dx,g cm-3	1.331	1.331
Z	2	2
Mu (mm-1)	0.081	0.081
F000	328.0	328.0
F000'	328.13	
h,k,lmax	13,7,16	13,7,16
Nref	1682[3040]	2955
Tmin,Tmax	0.980,0.988	0.835,1.000
Tmin'	0.975	
Correction method = EMPIRICAL		
Data completeness = 1.76/0.97	Theta(max) = 26.000	
R(reflections) = 0.0315(2812)	wR2(reflections) = 0.0841(2955)	
S = 1.056	Npar = 218	

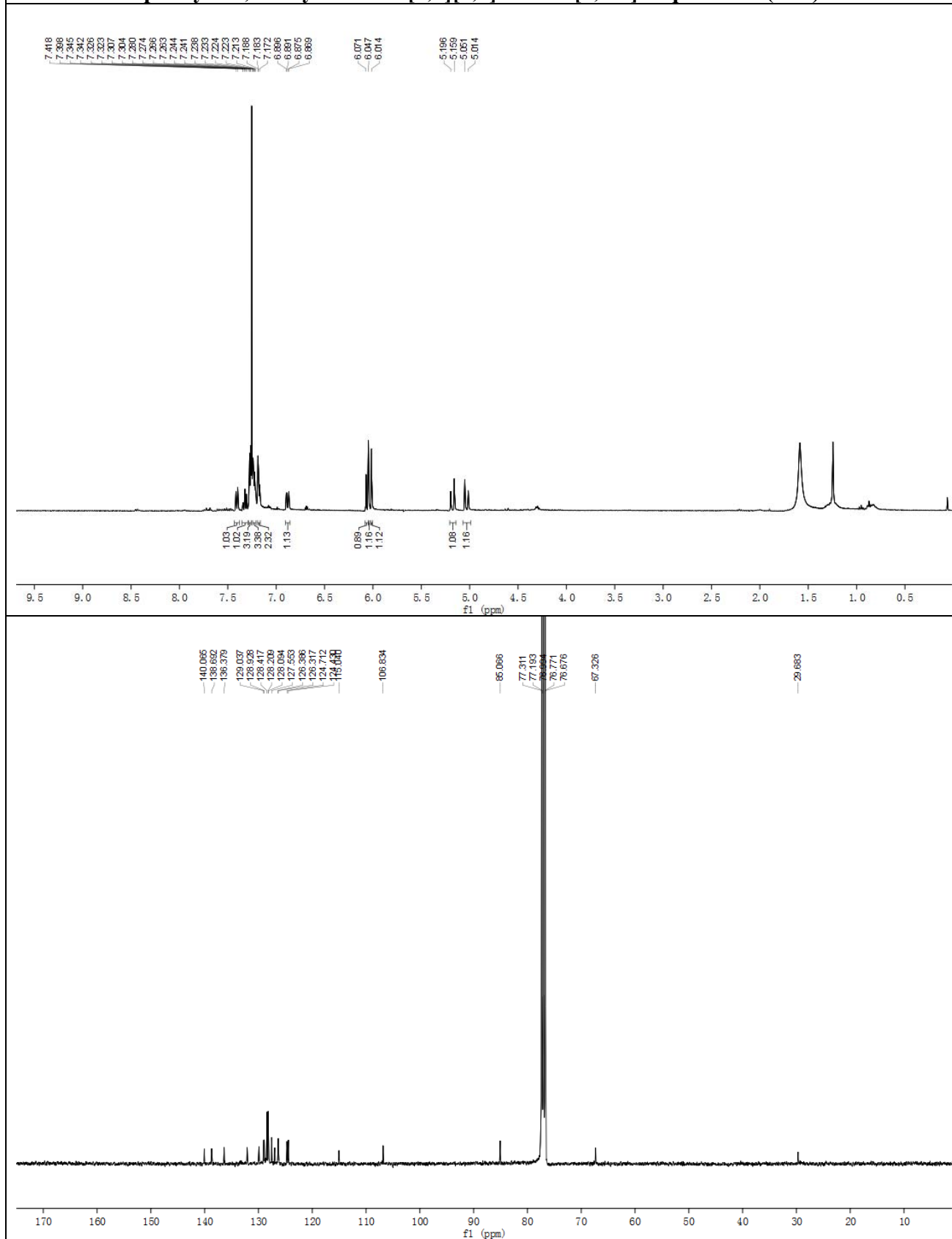
CCDC 899938 contains the supplementary crystallographic data for this paper. These data can be also obtained free of charge from The Cambridge Crystallographic Data Centre via www.ccdc.cam.ac.uk/data_request/cif.

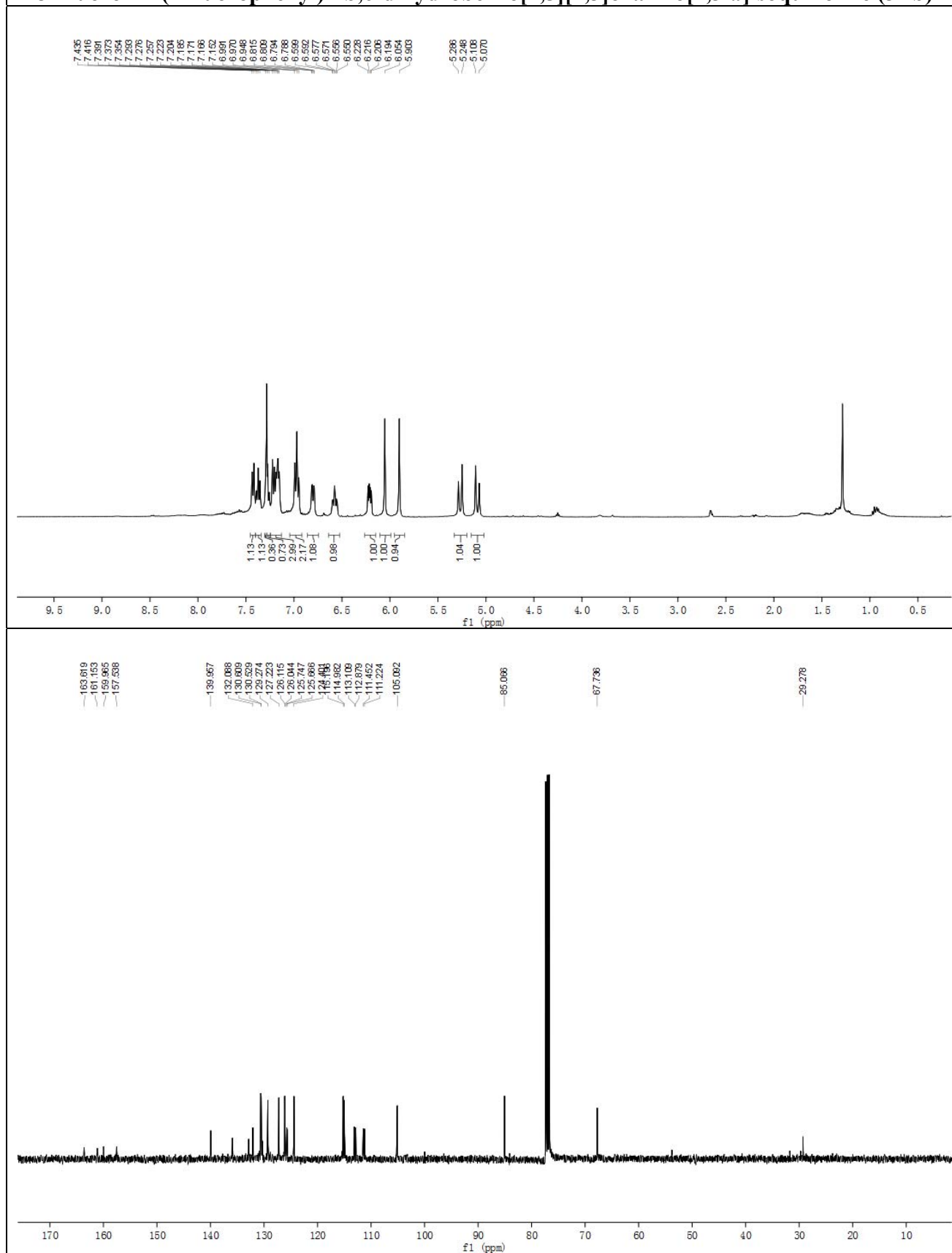
Copies of ^1H -NMR and ^{13}C -NMR of Compounds12-Phenyl-4*b*,6-dihydrobenzo[4,5][1,3] oxazino[2,3-*a*]isoquinoline (3Aa)

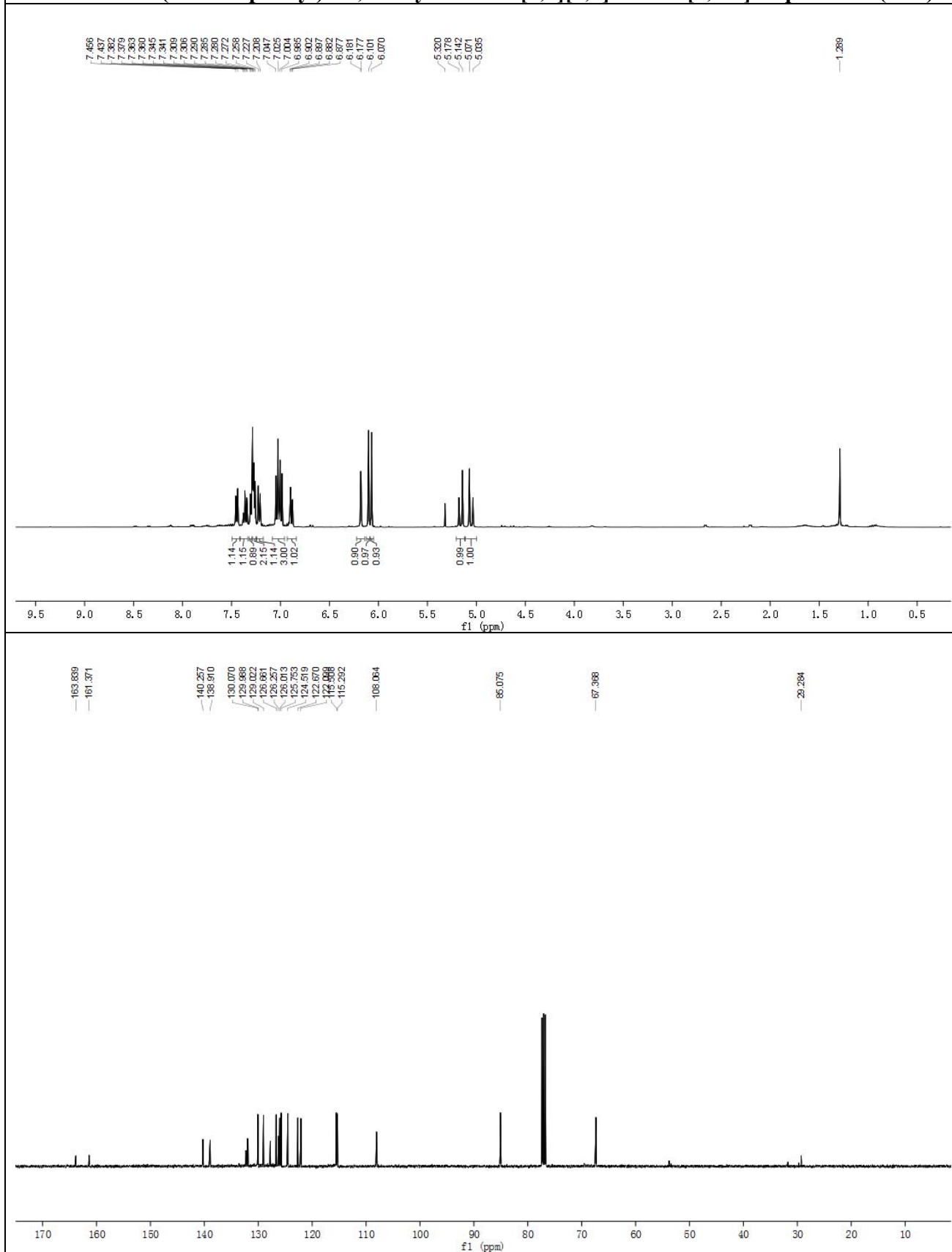
8-Fluoro-12-phenyl-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-*a*]isoquinoline (3Ab)

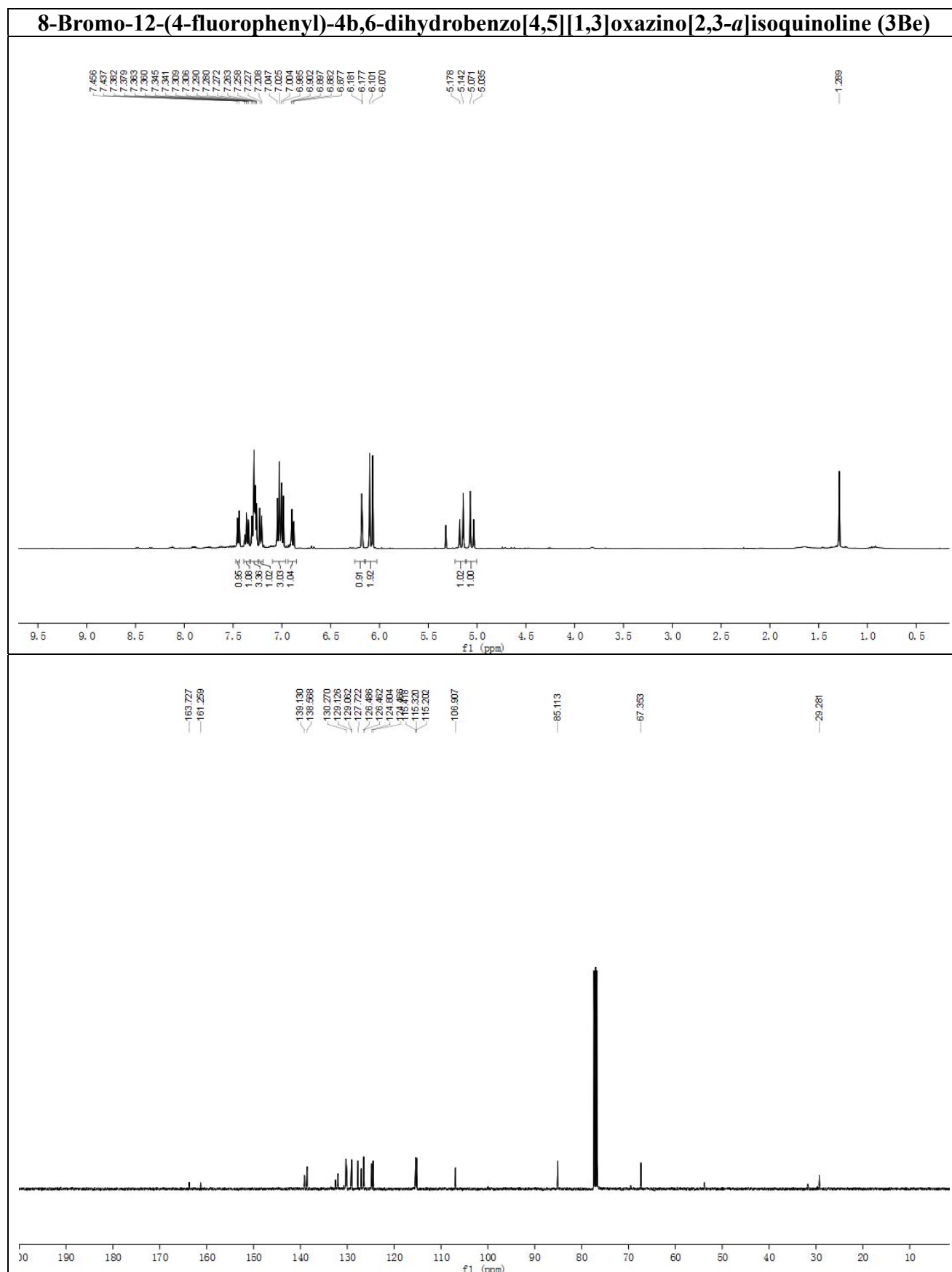
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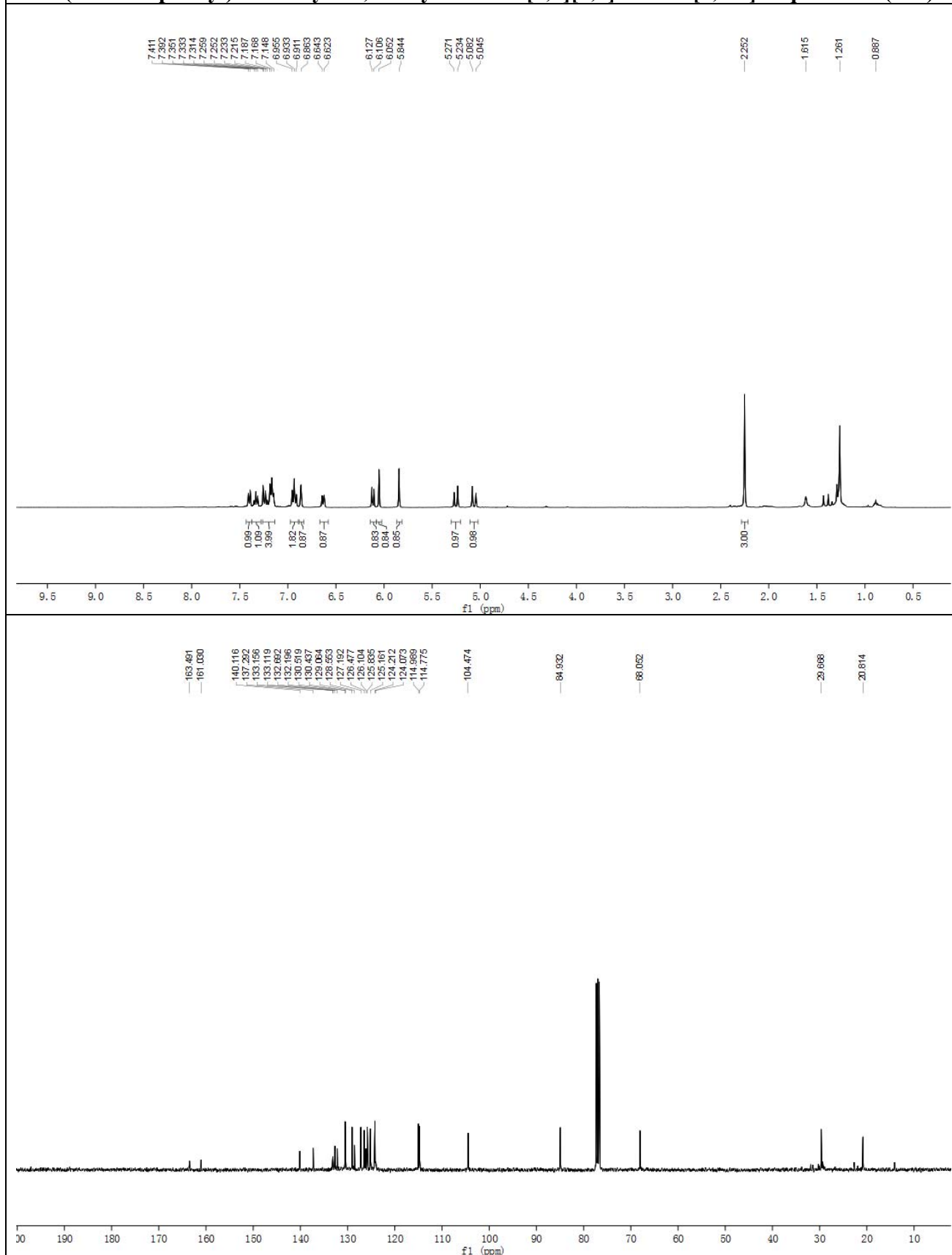


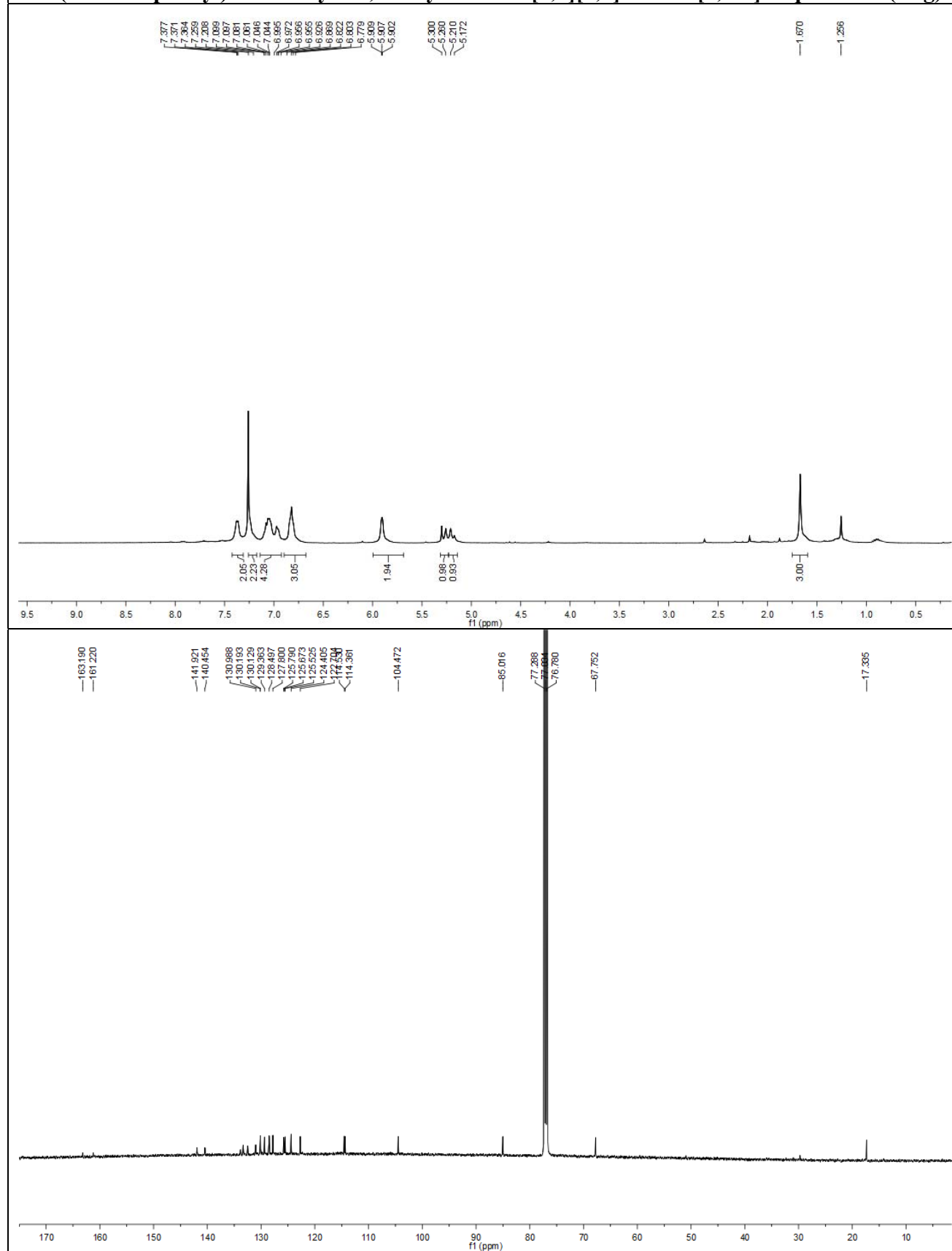
8-Bromo-12-phenyl-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Ae)

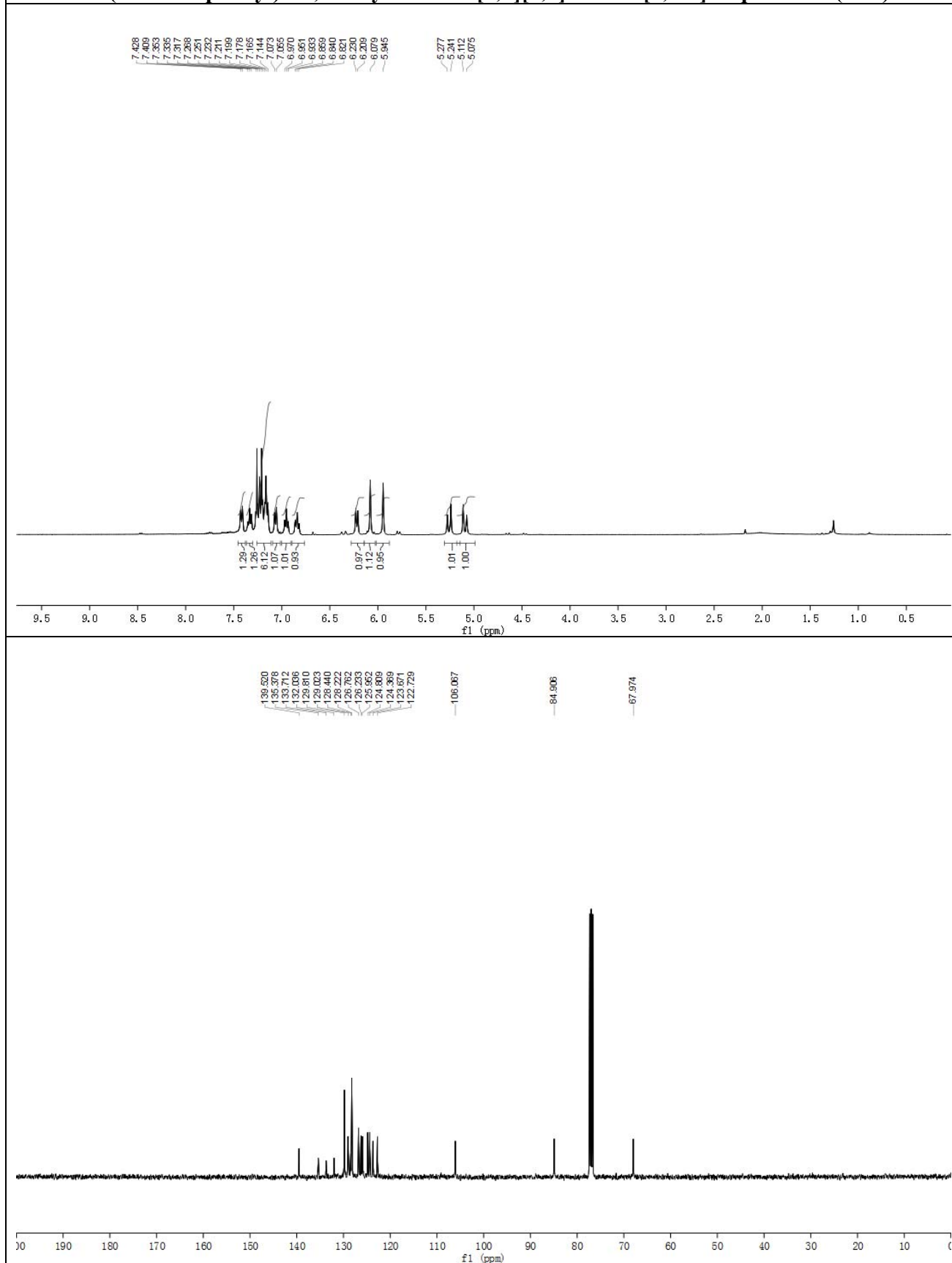
8-Fluoro-12-(4-fluorophenyl)-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Bb)

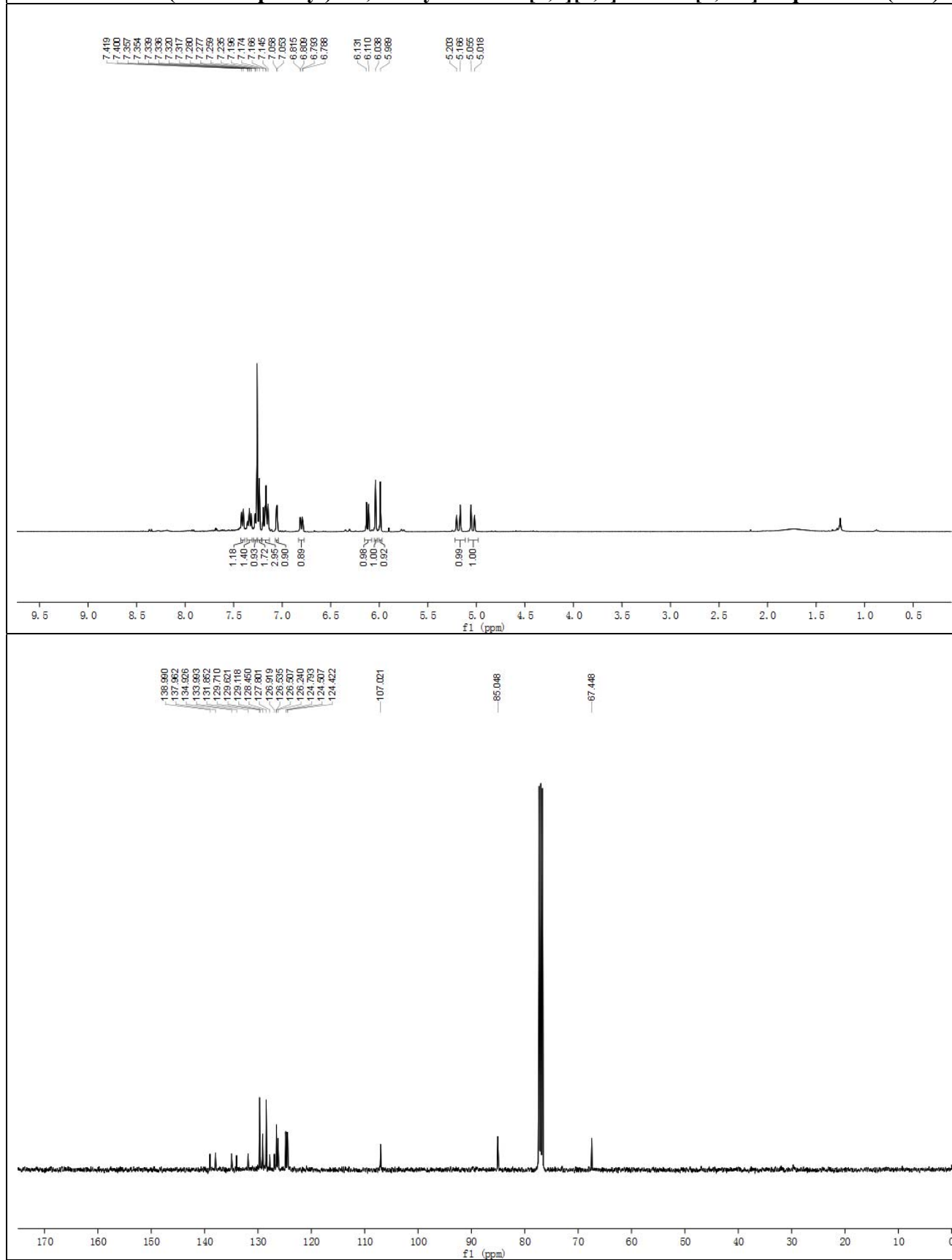
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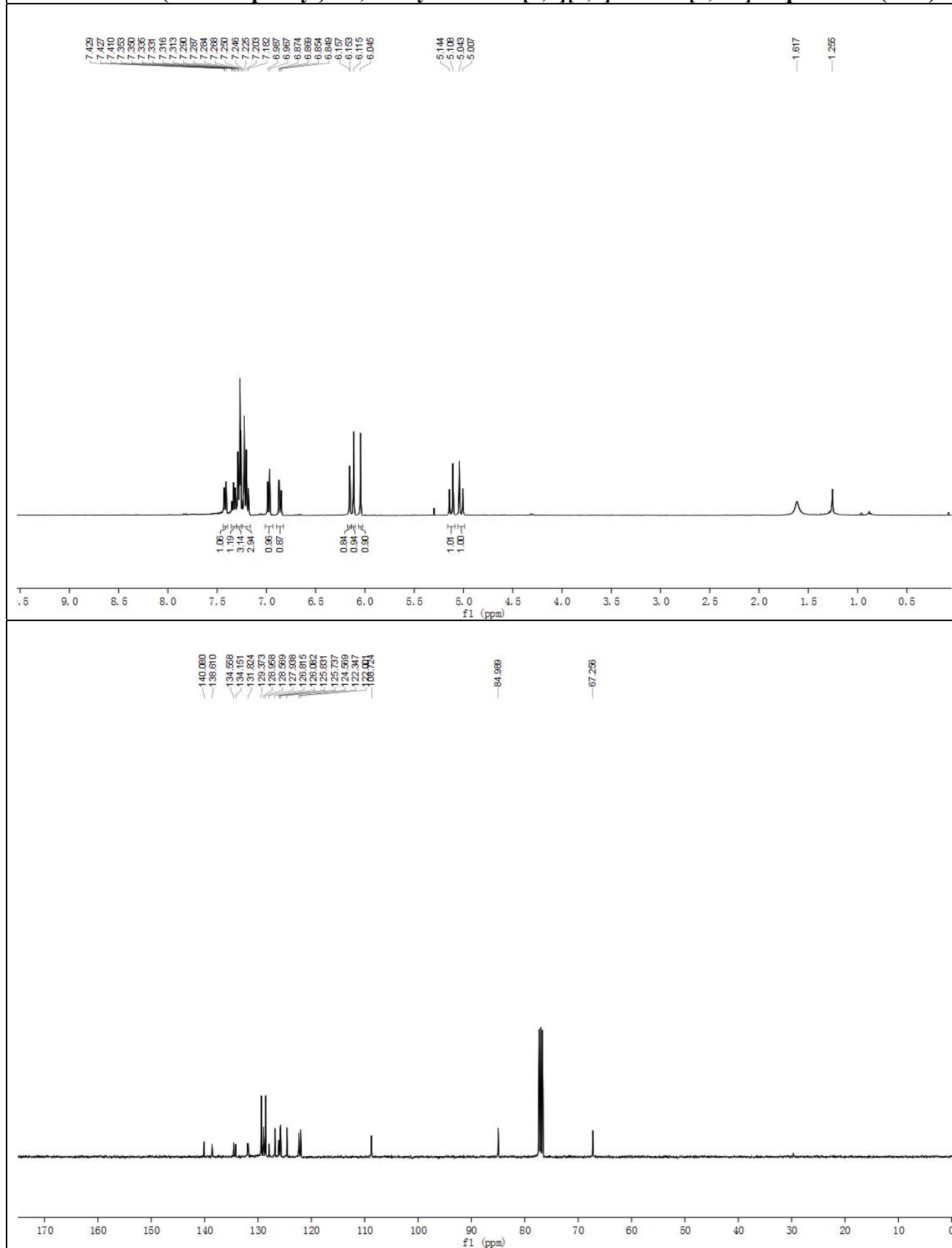


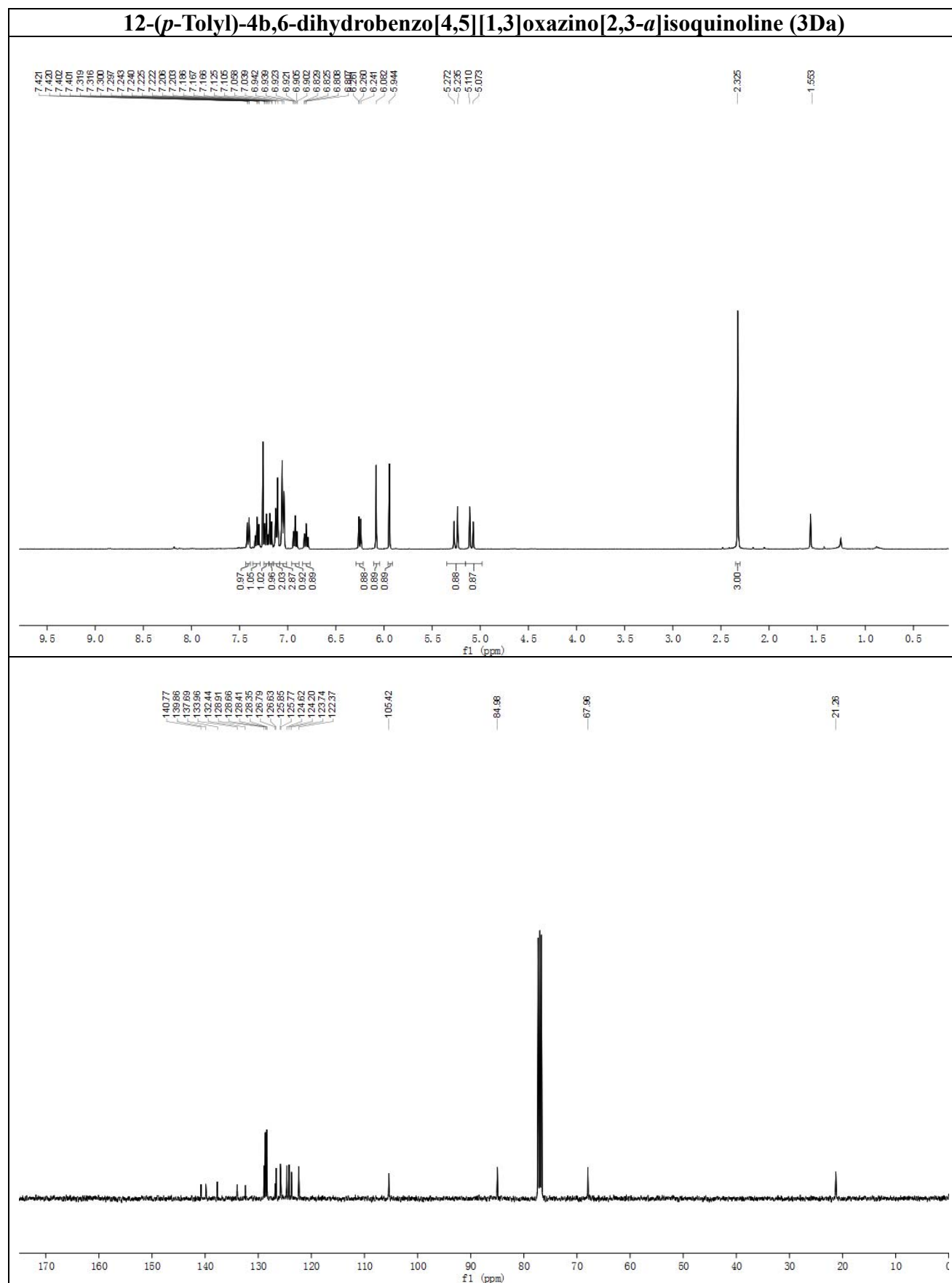
12-(4-Fluorophenyl)-8-methyl-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Bf)

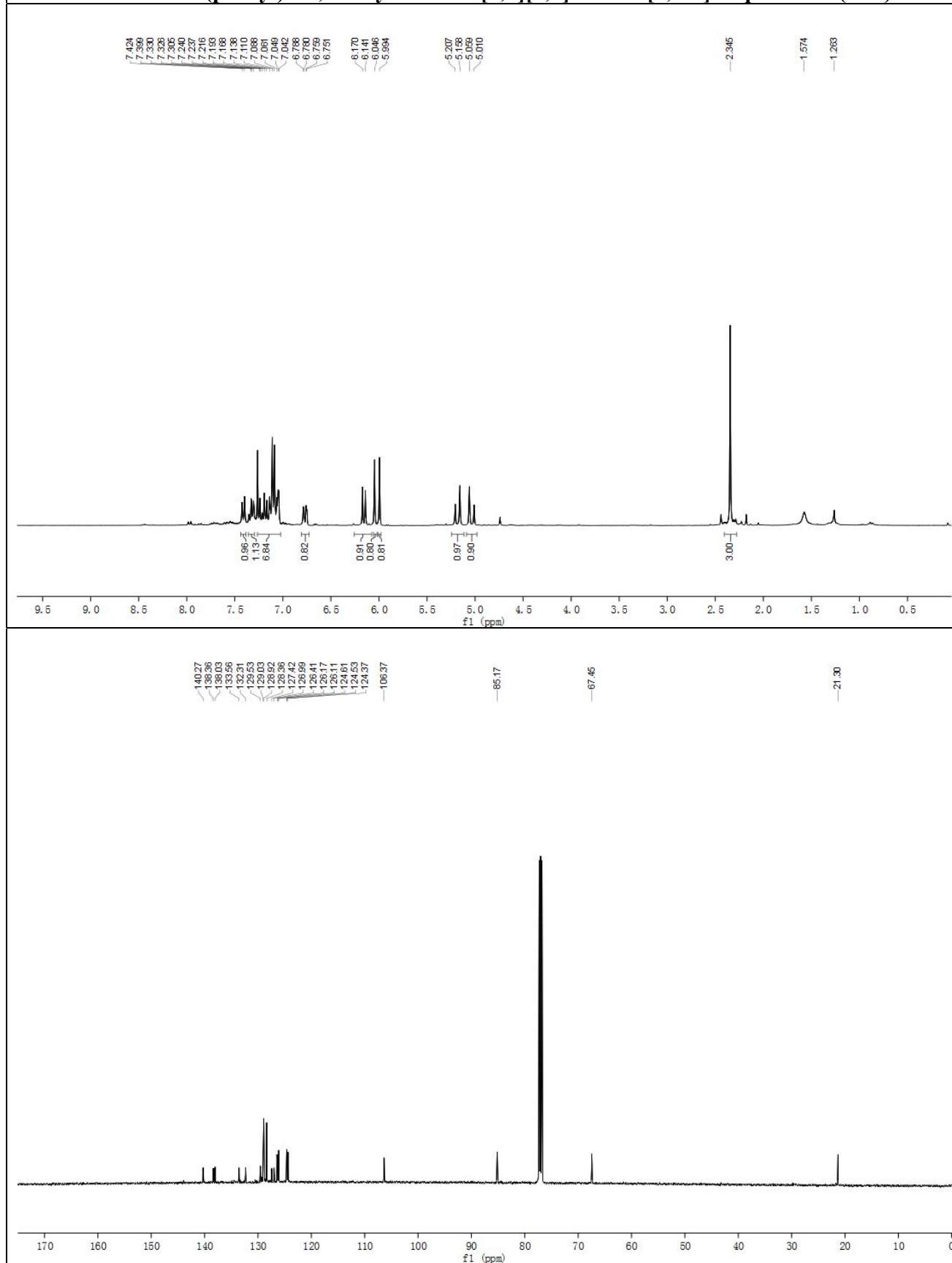
12-(4-Fluorophenyl)-10-methyl-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Bg)

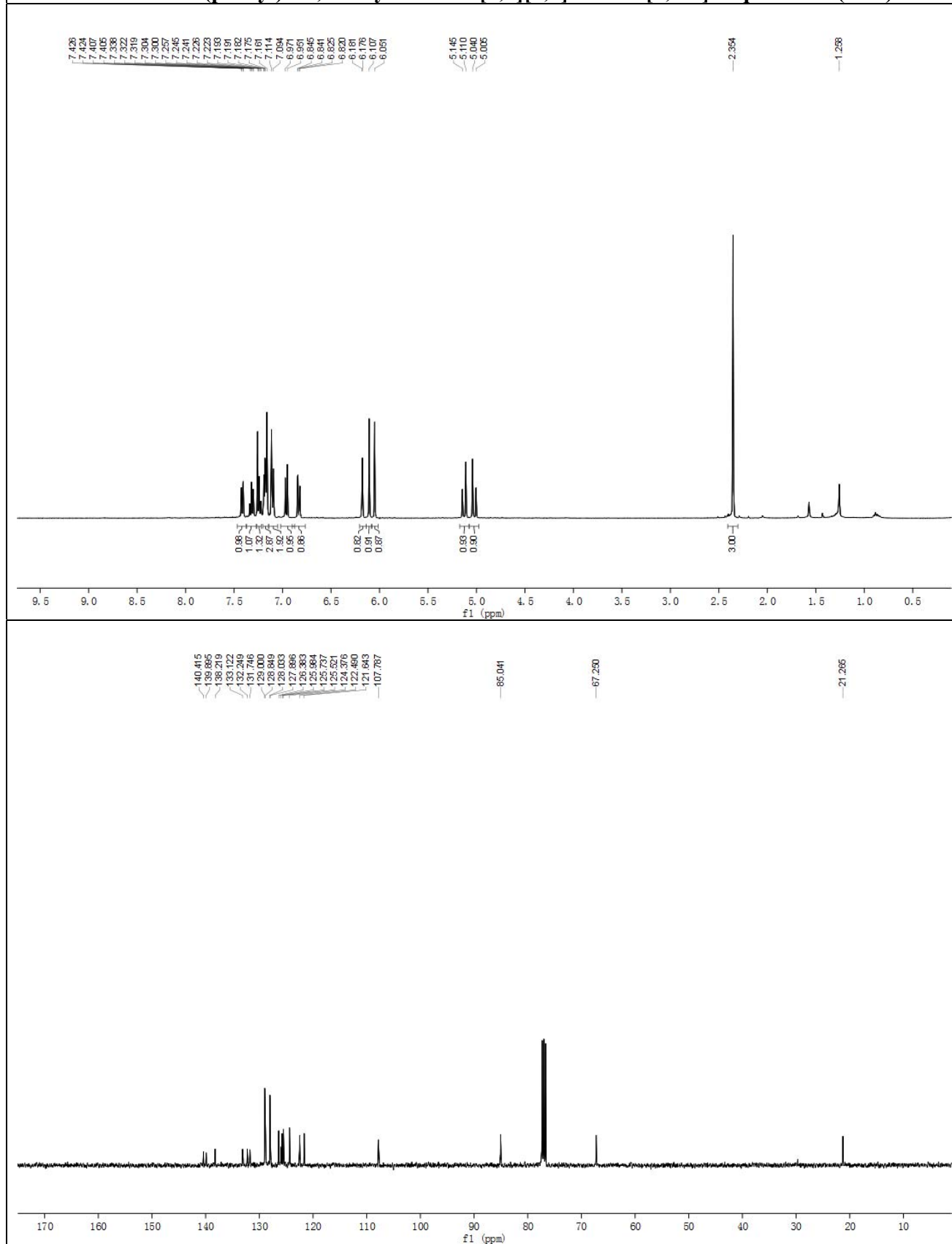
12-(4-Chlorophenyl)-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Ca)

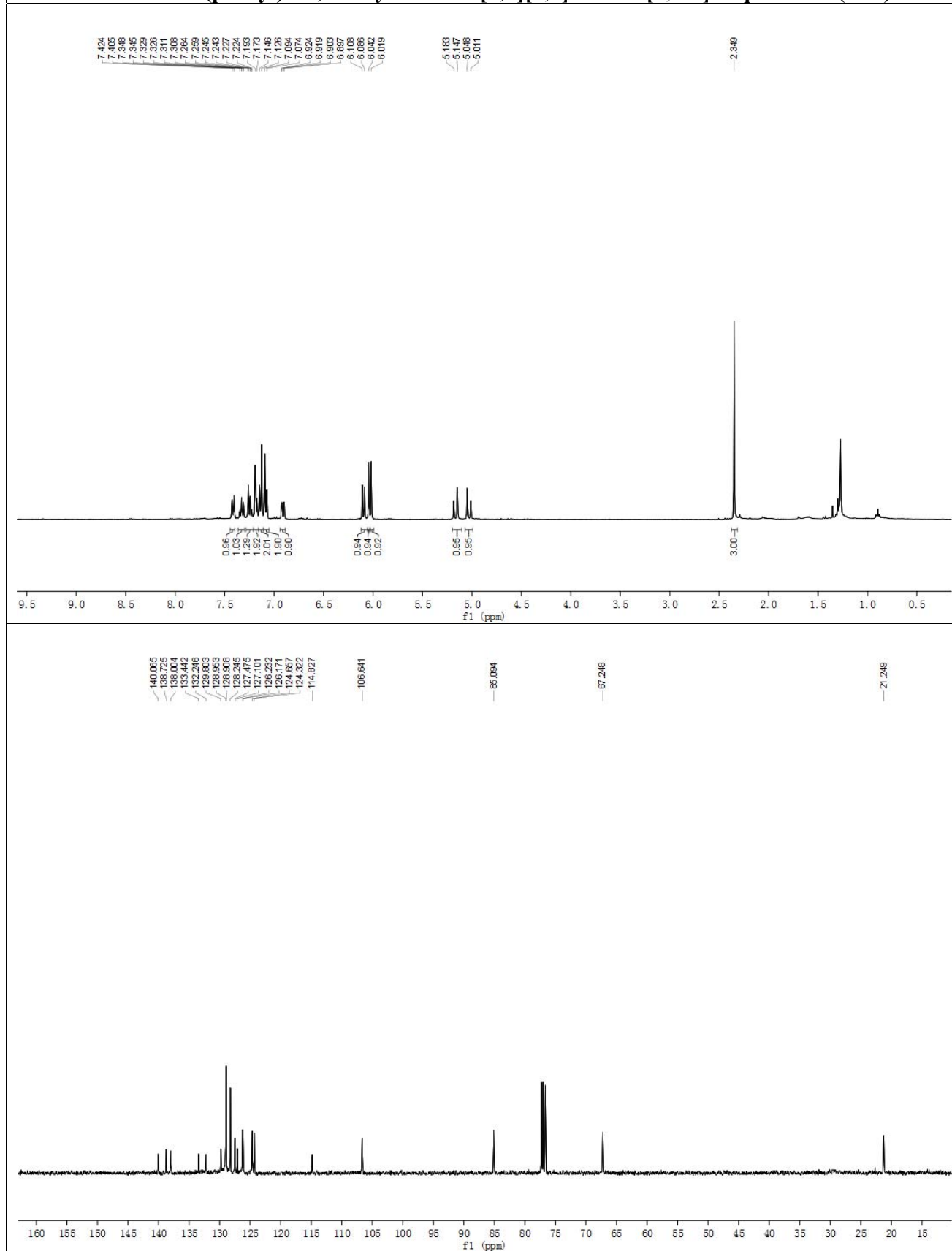
8-cChloro-12-(4-chlorophenyl)-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Cc)

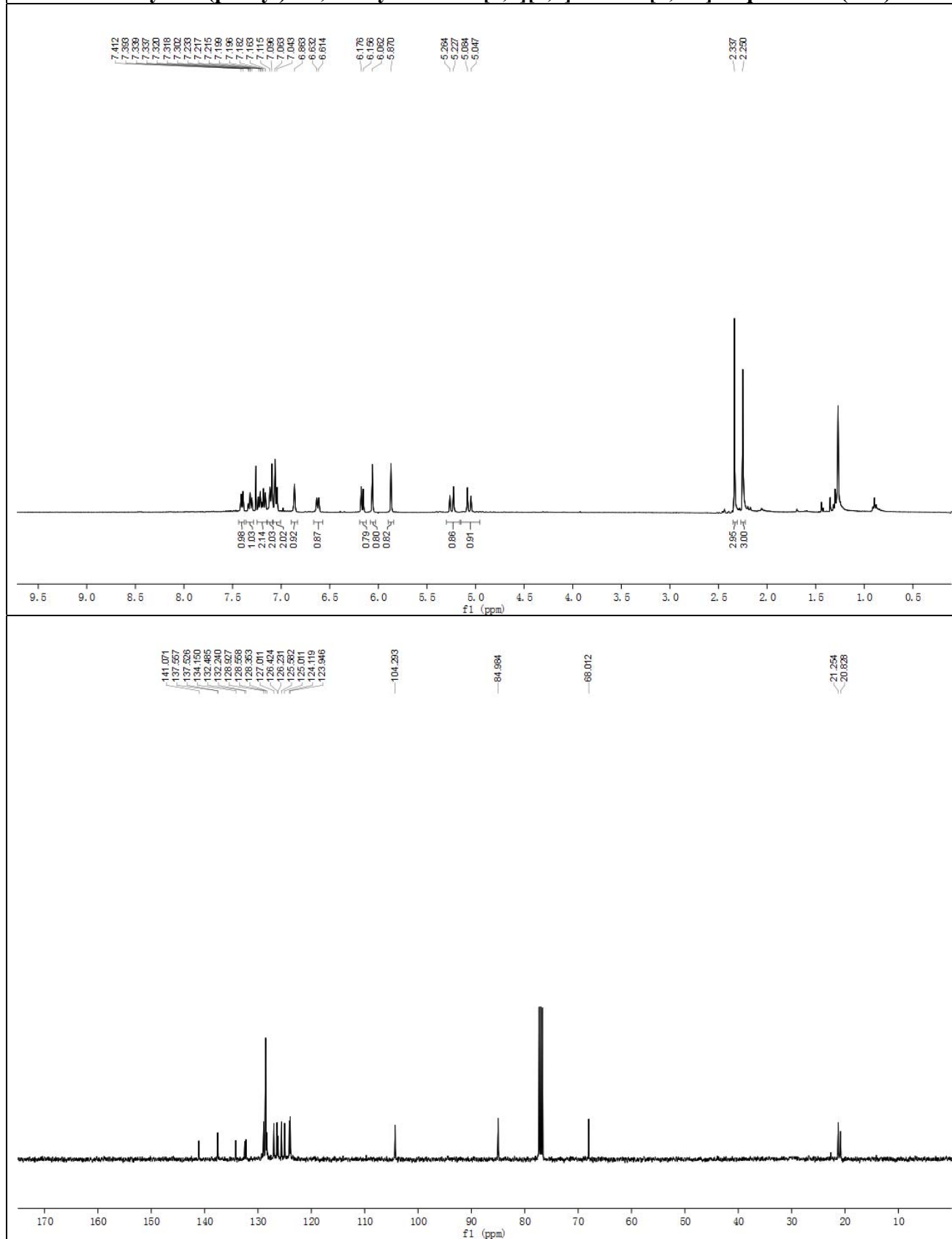
9-Chloro-12-(4-chlorophenyl)-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-*a*]isoquinoline (3Cd)

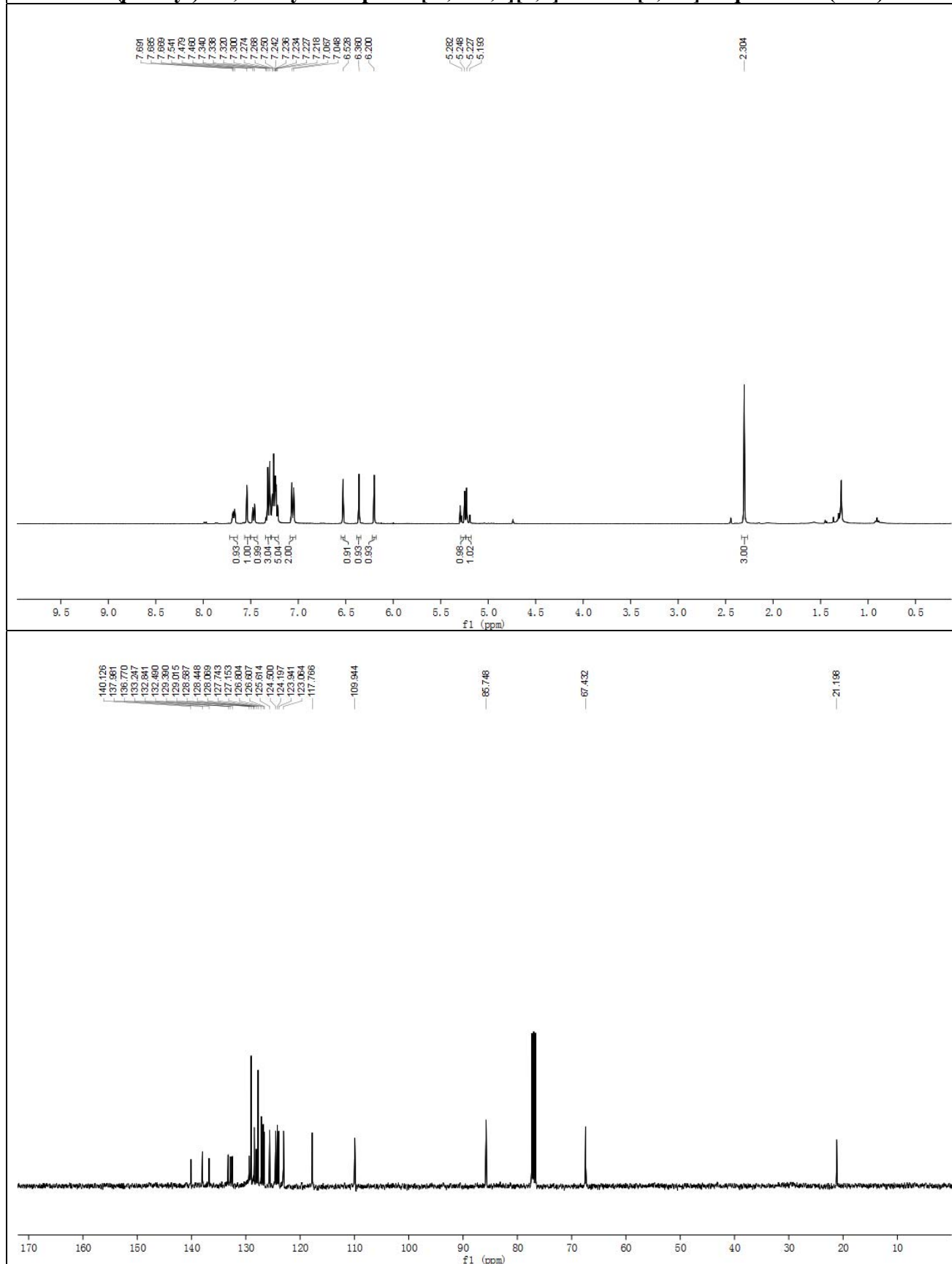


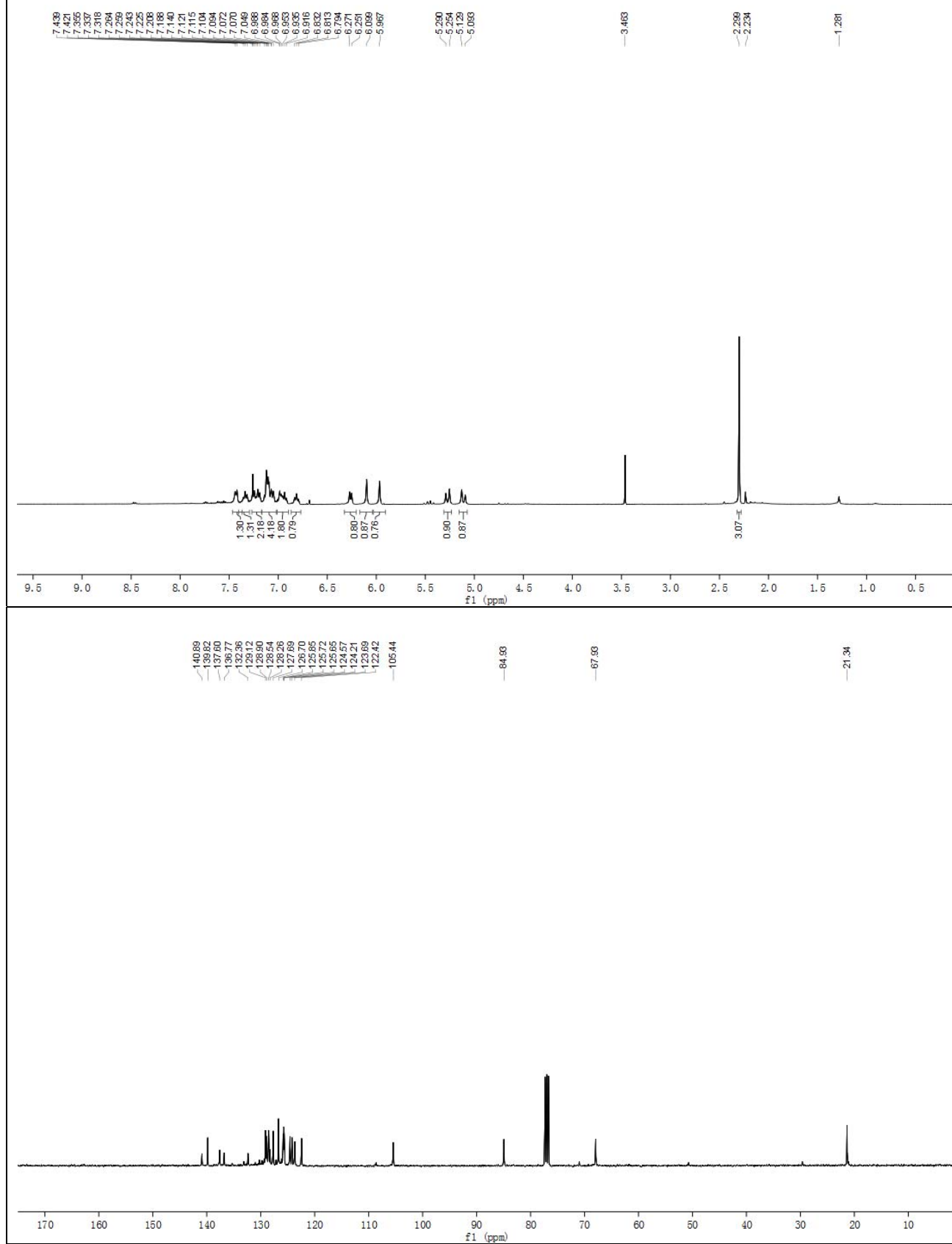
8-Chloro-12-(p-tolyl)-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Dc)

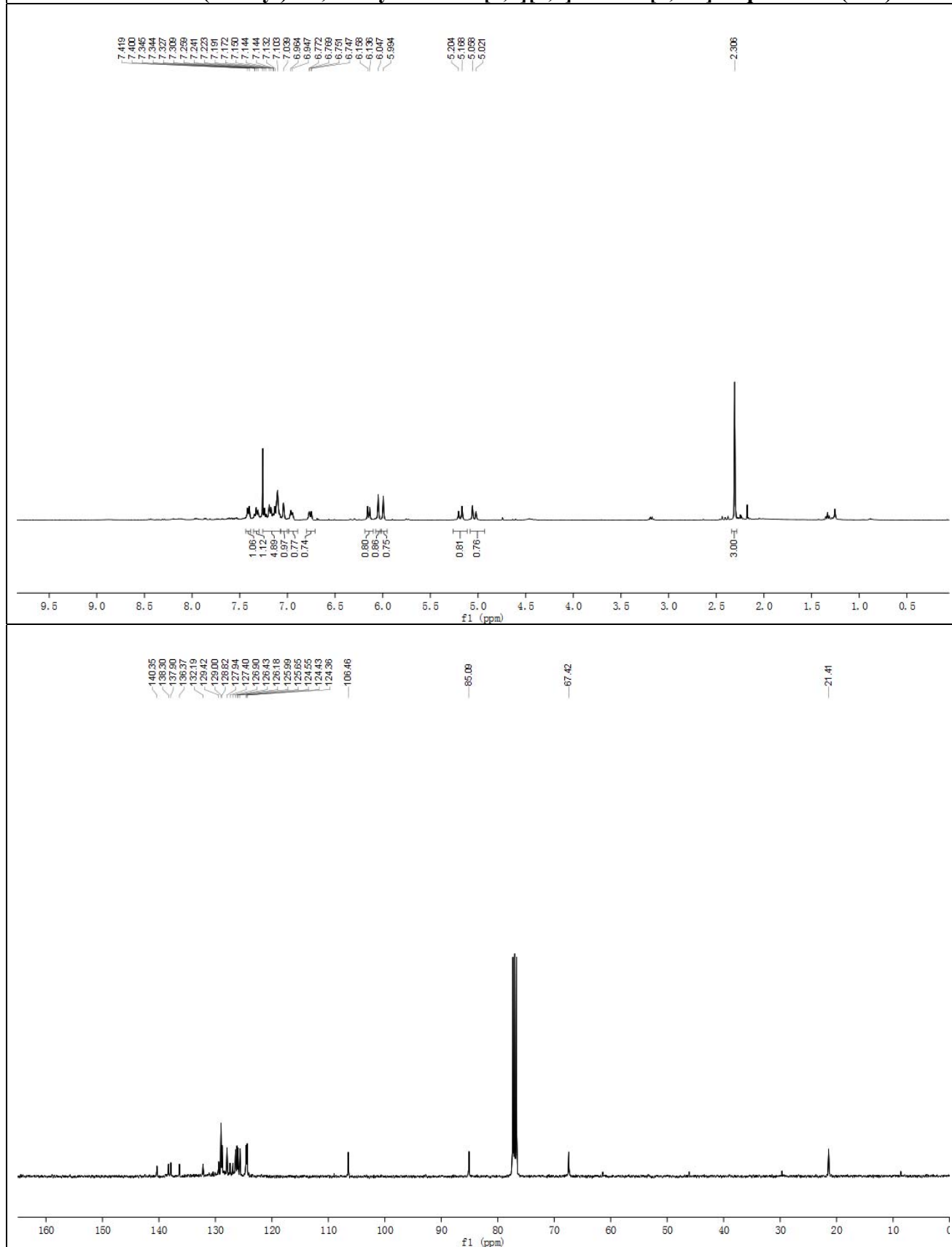
9-Chloro-12-(p-tolyl)-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Dd)

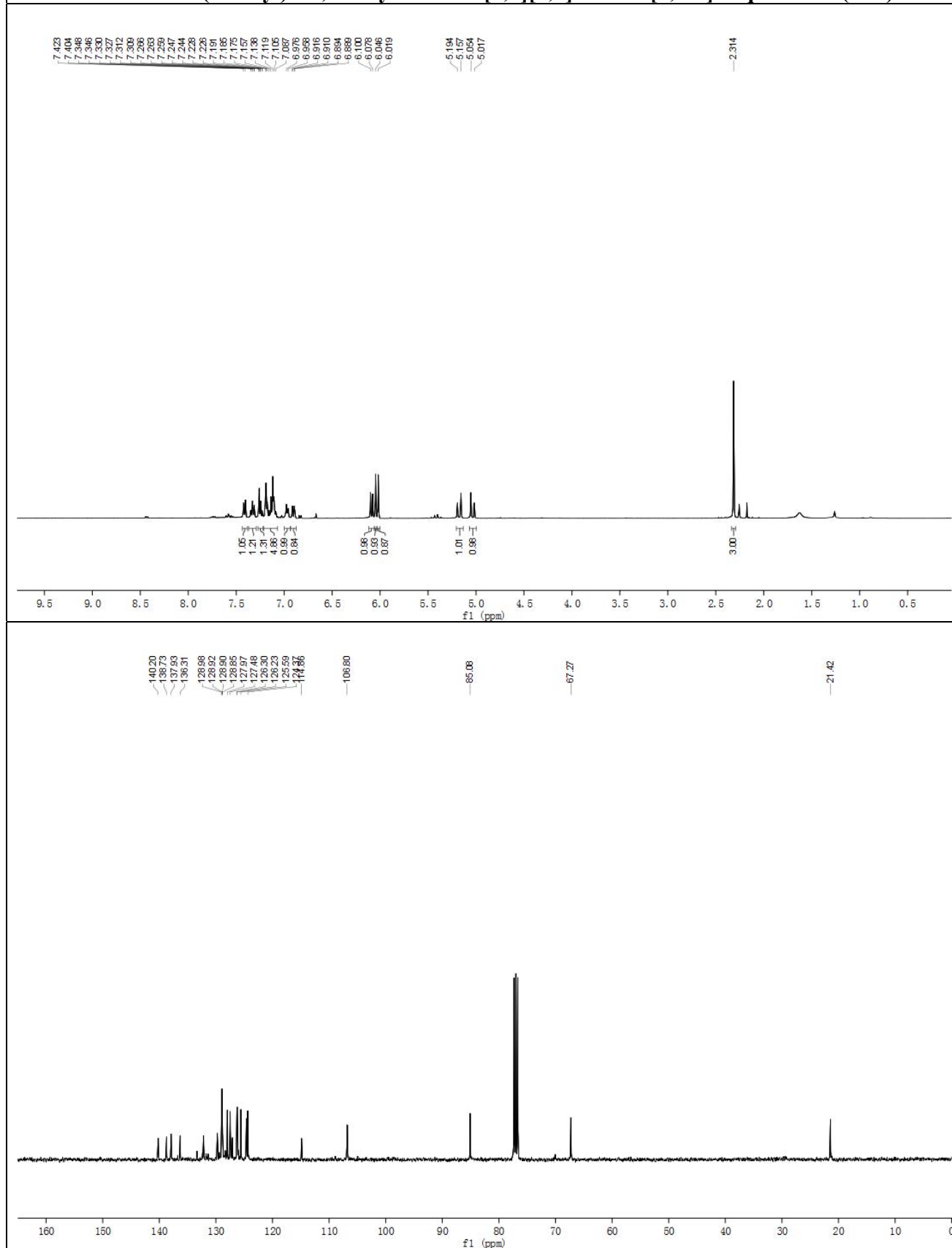
8-Bromo-12-(p-tolyl)-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3De)

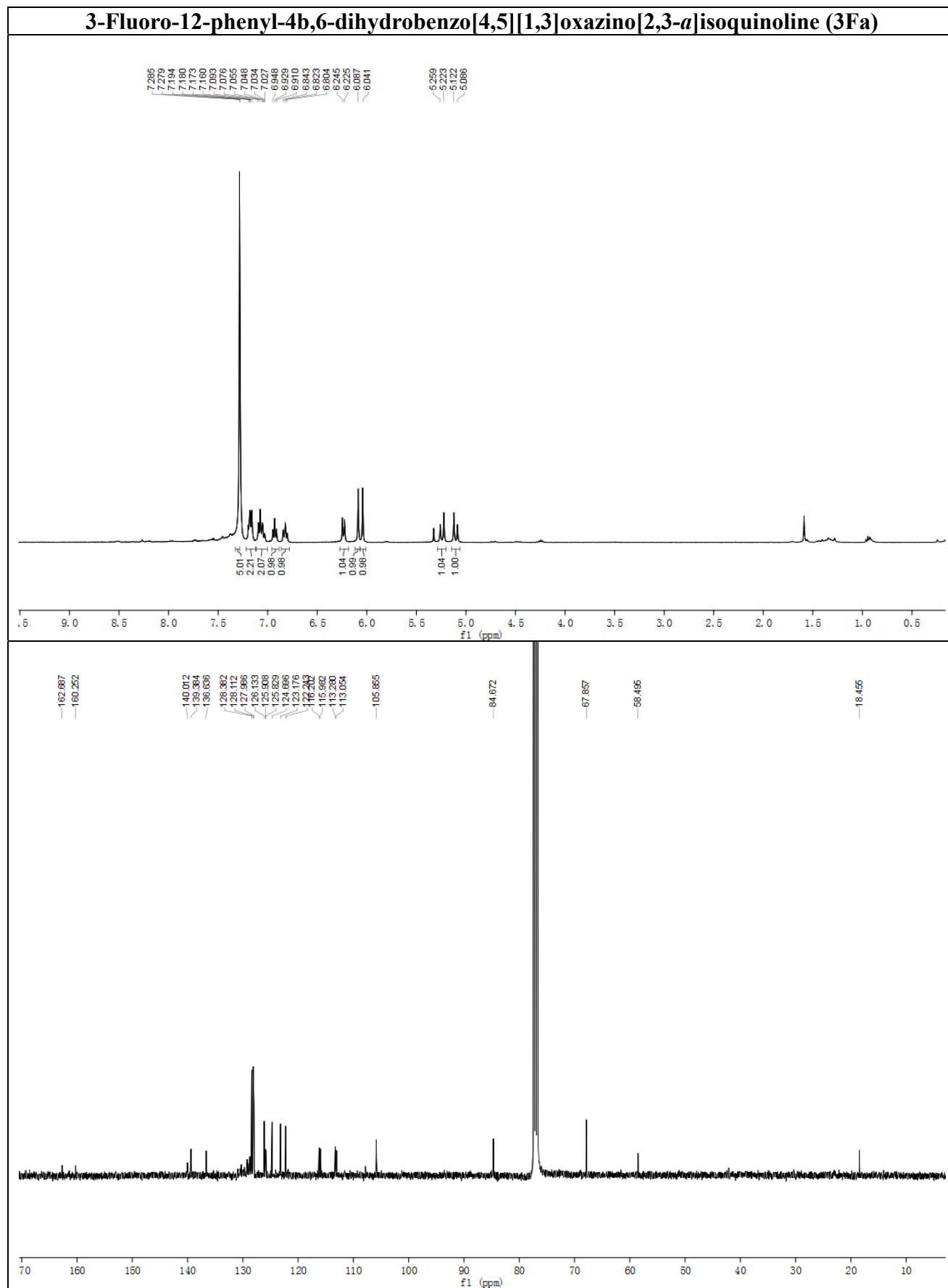
8-Methyl-12-(p-tolyl)-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Df)

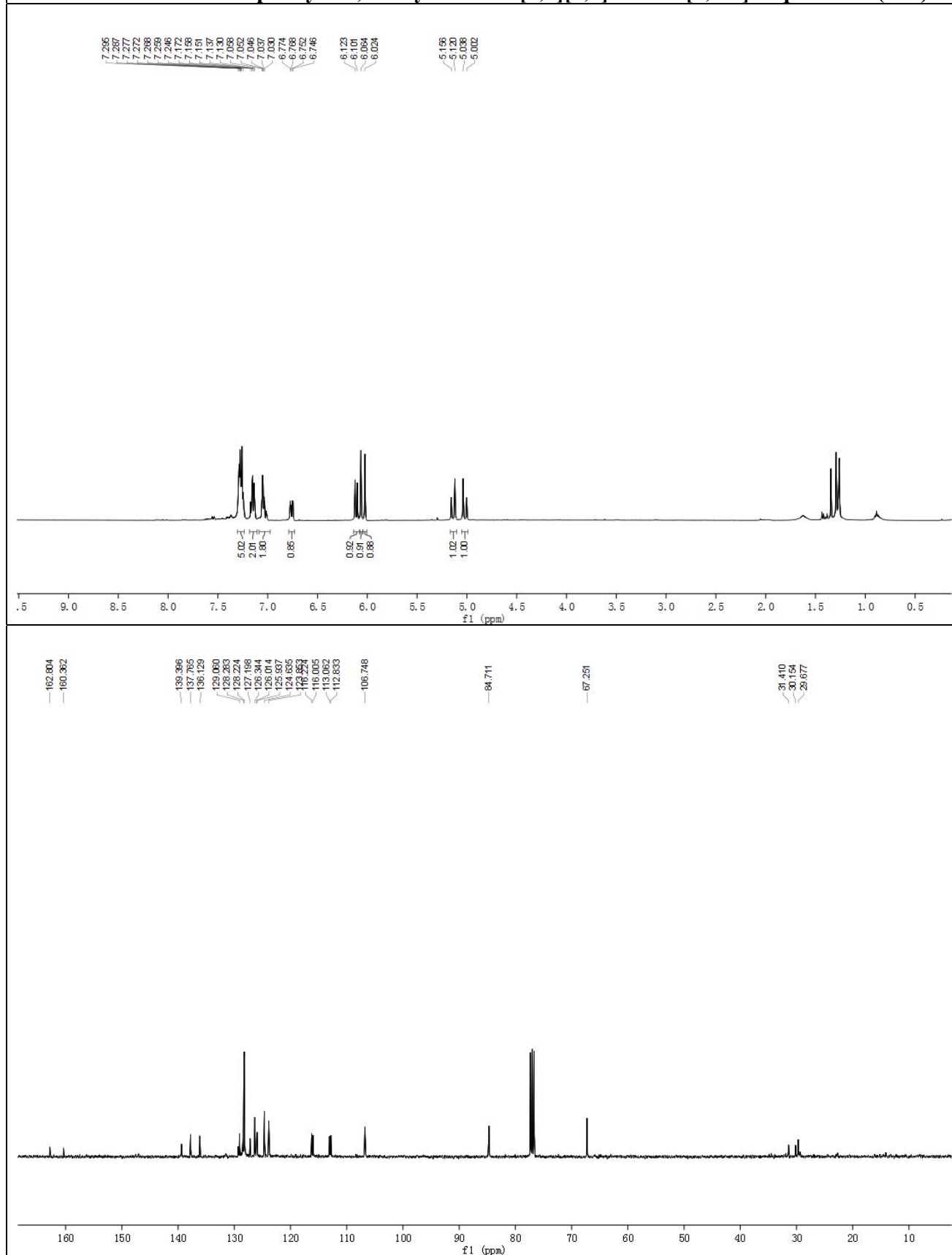
14-(p-Tolyl)-4b,6-dihydronaphtho[2',3':4,5][1,3]oxazino[2,3-a]isoquinoline (3Dh)

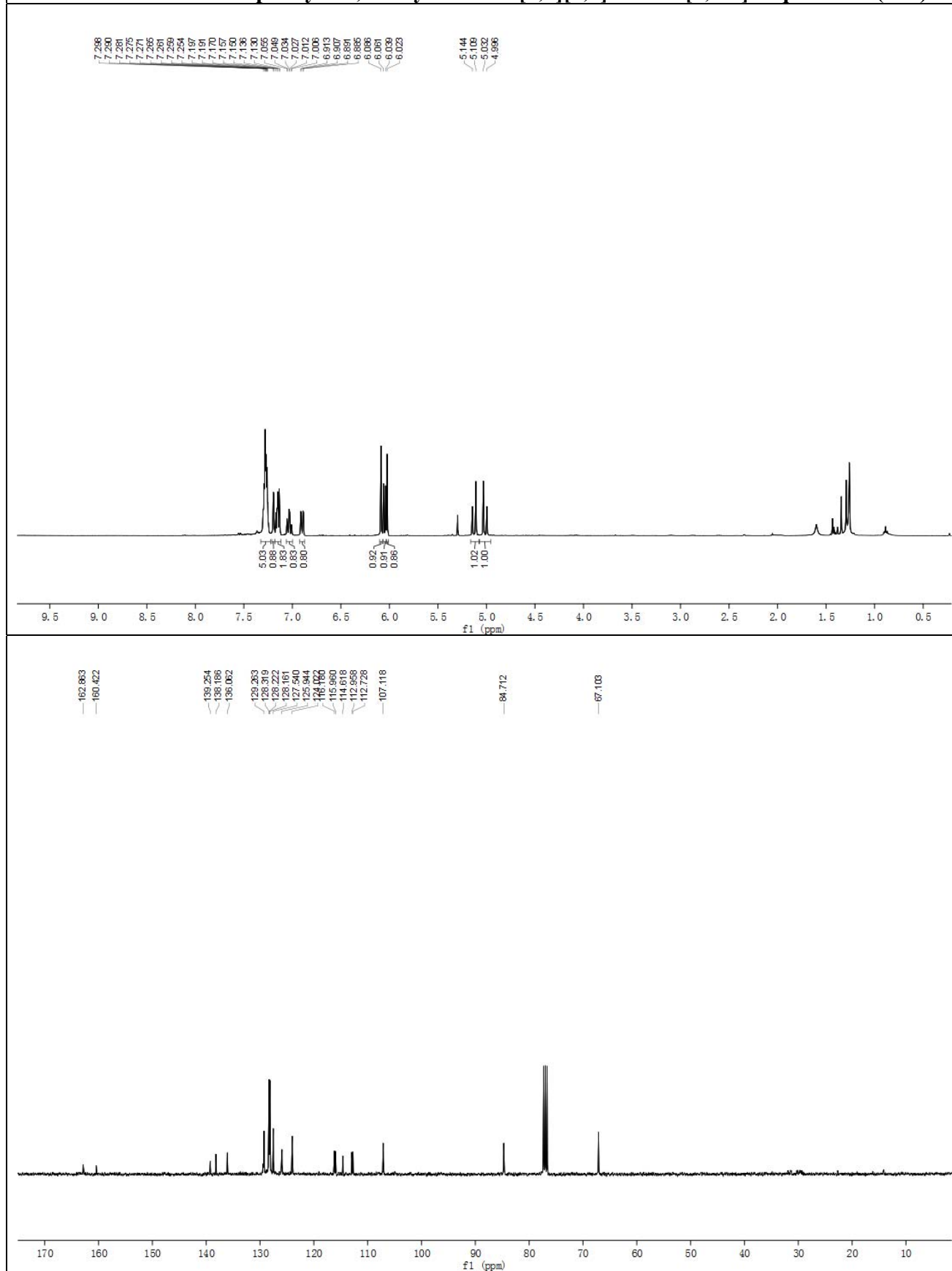
12-(*m*-Tolyl)-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-*a*]isoquinoline (3Ea)

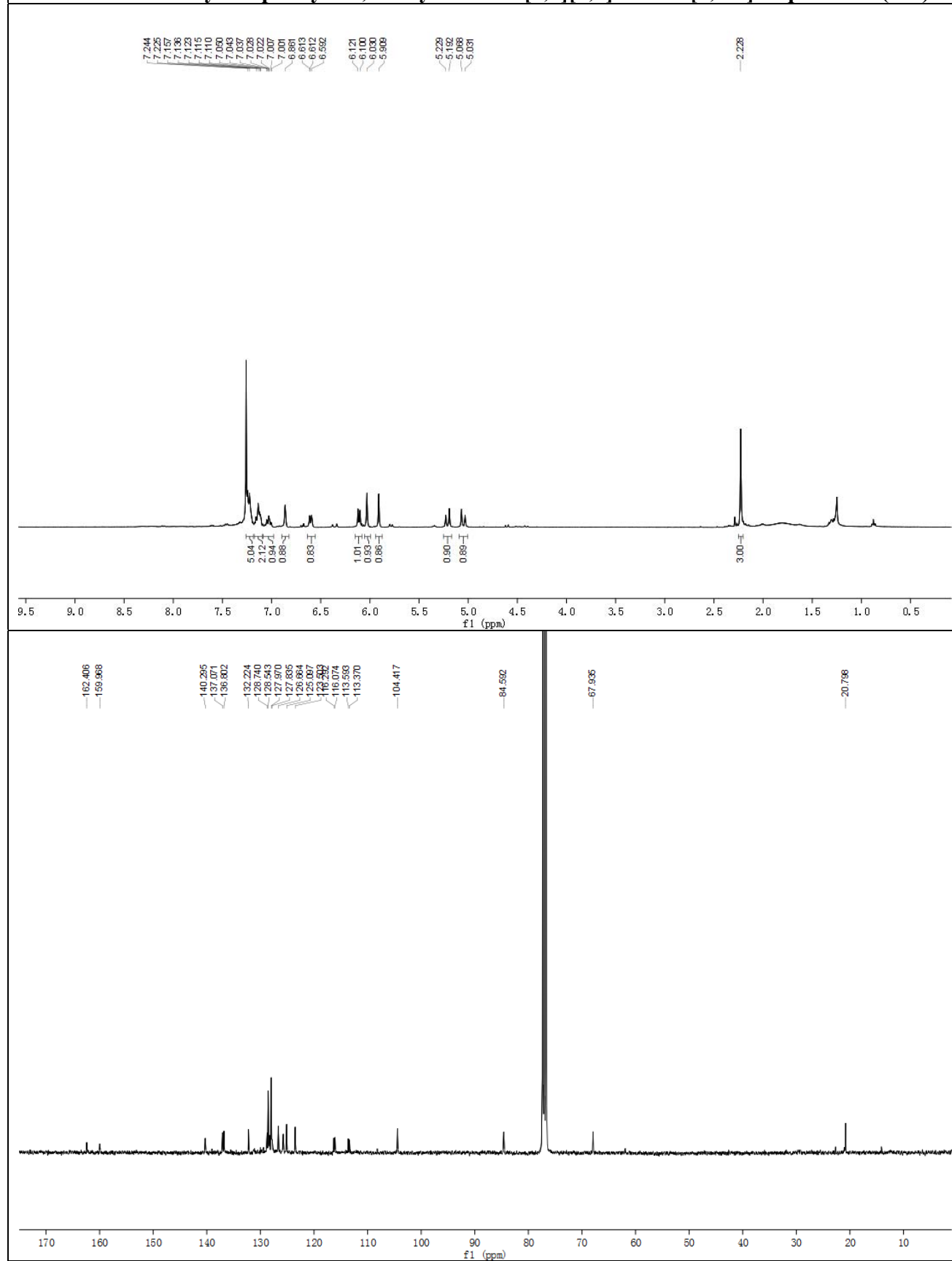
8-Chloro-12-(m-tolyl)-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Ec)

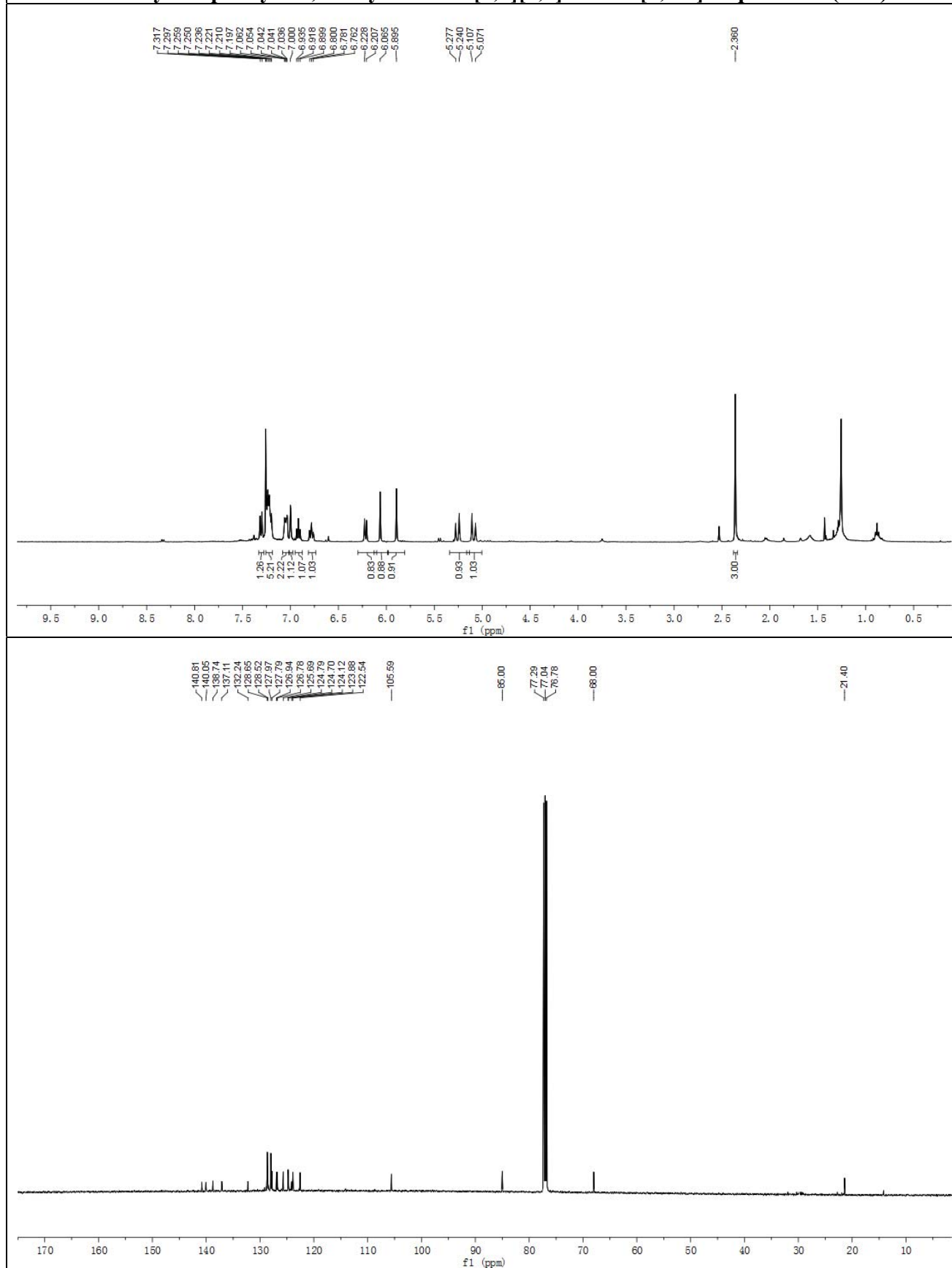
8-Bromo-12-(m-tolyl)-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Ee)

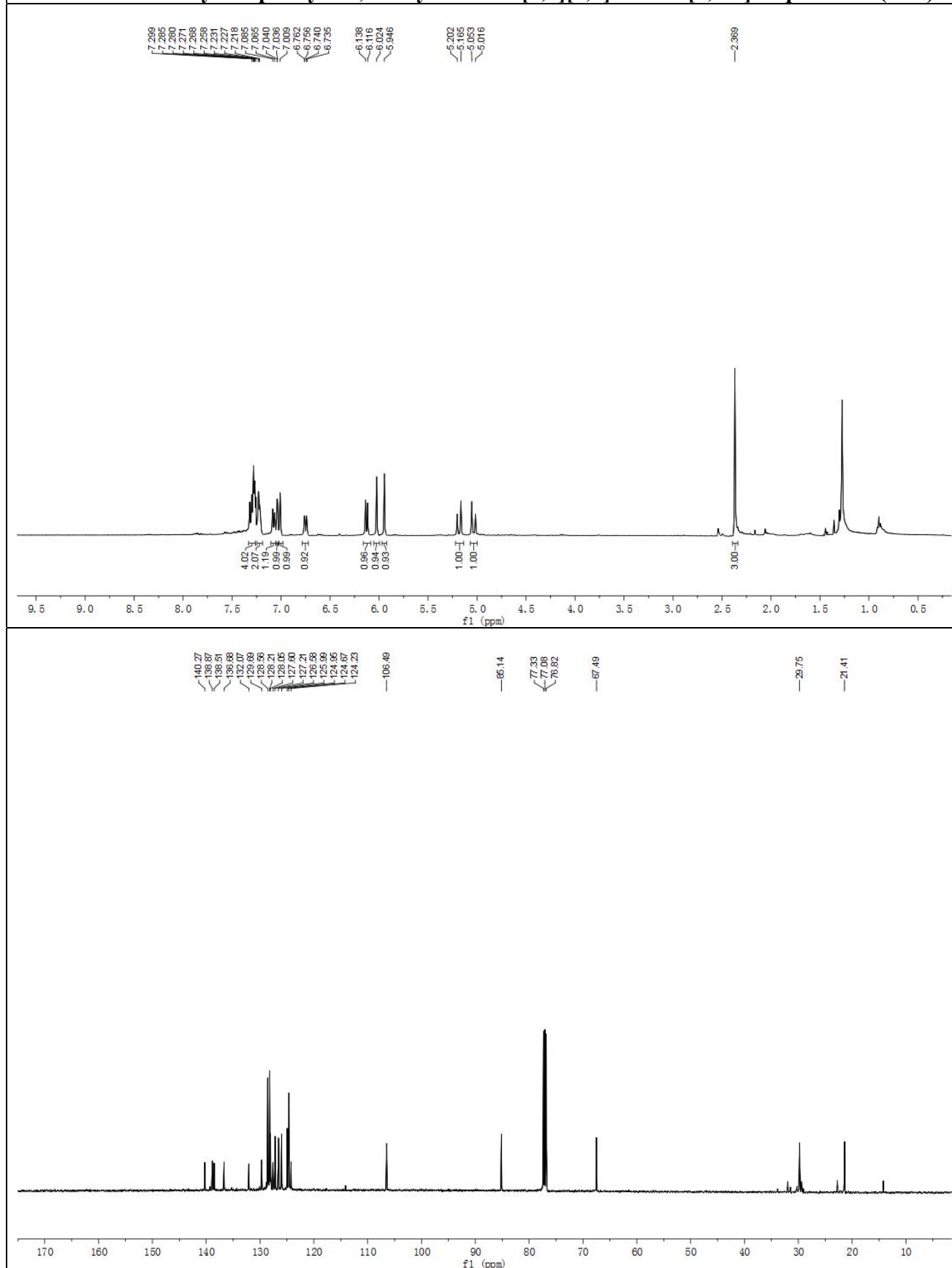


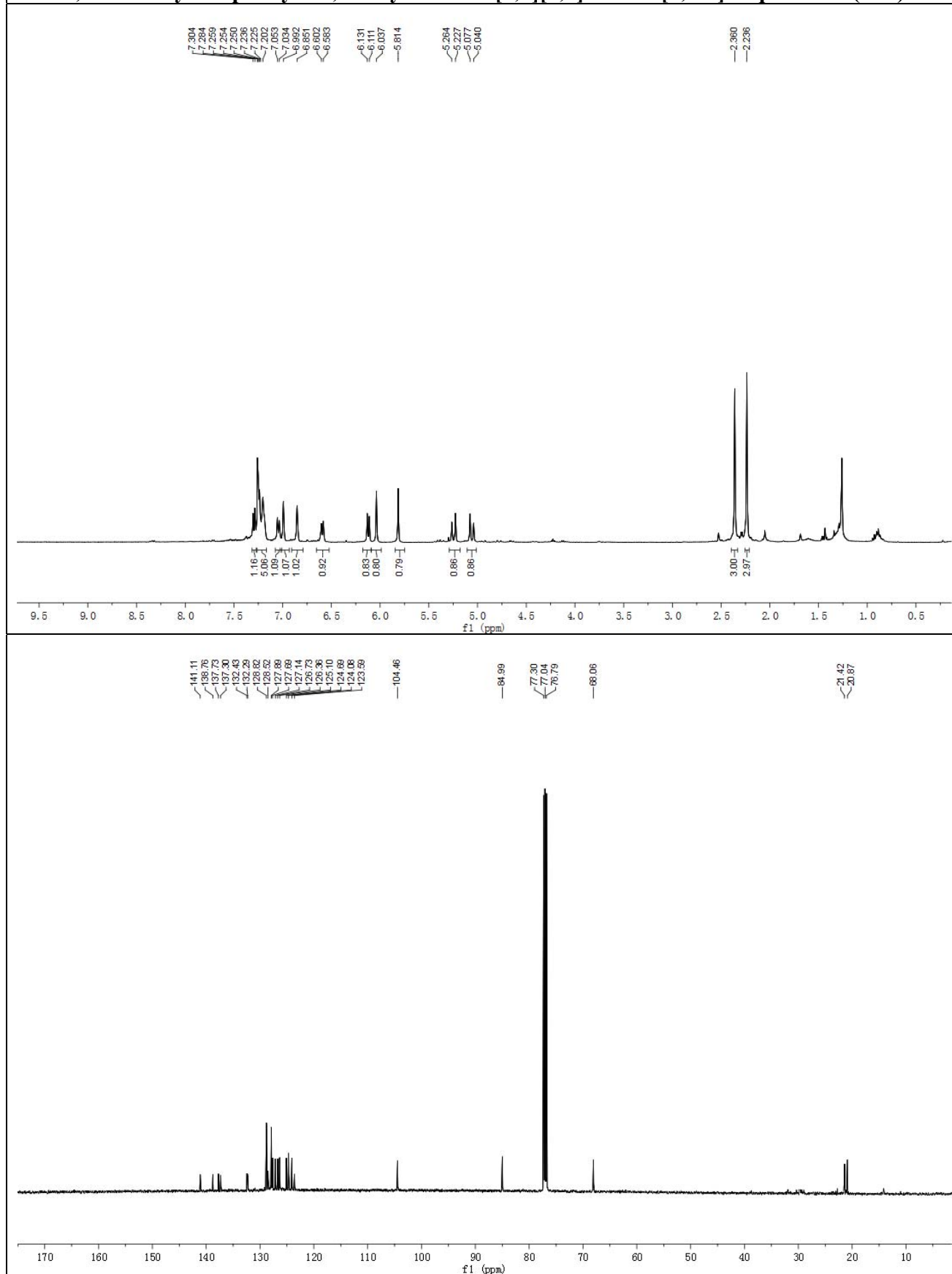
8-Chloro-3-fluoro-12-phenyl-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Fc)

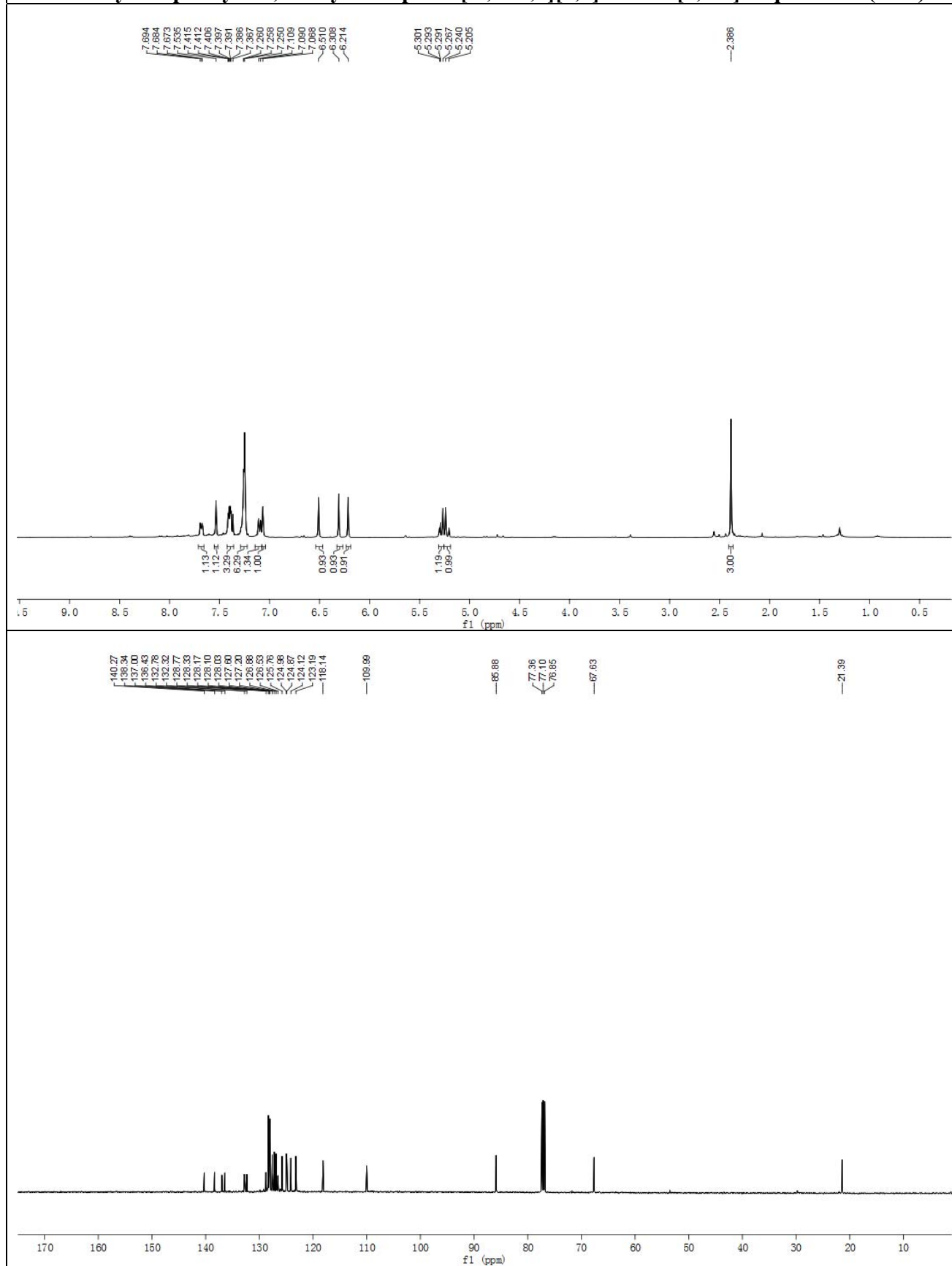
8-Bromo-3-fluoro-12-phenyl-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Fe)

3-Fluoro-8-methyl-12-phenyl-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Ff)

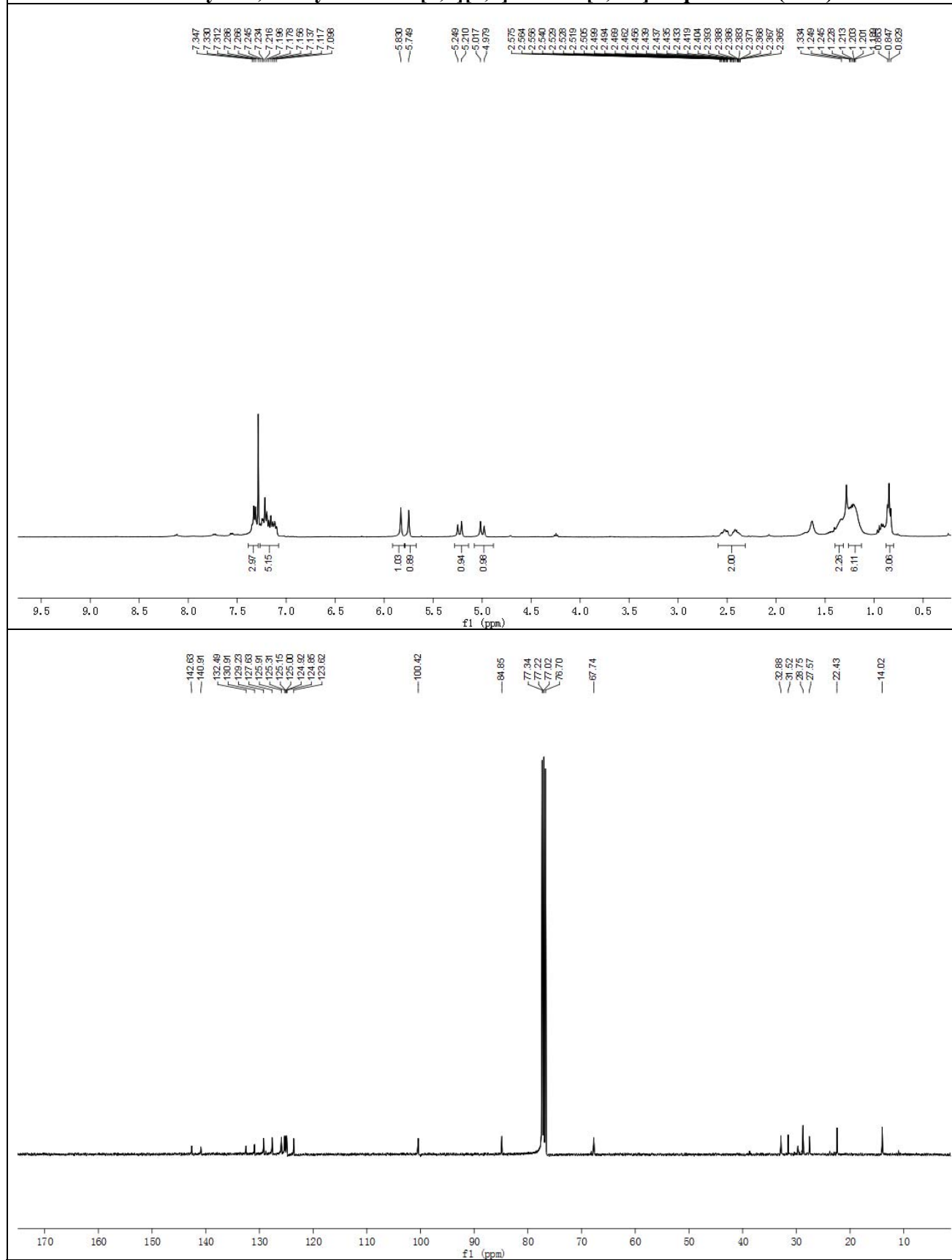
2-Methyl-12-phenyl-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-*a*]isoquinoline (3Ga)

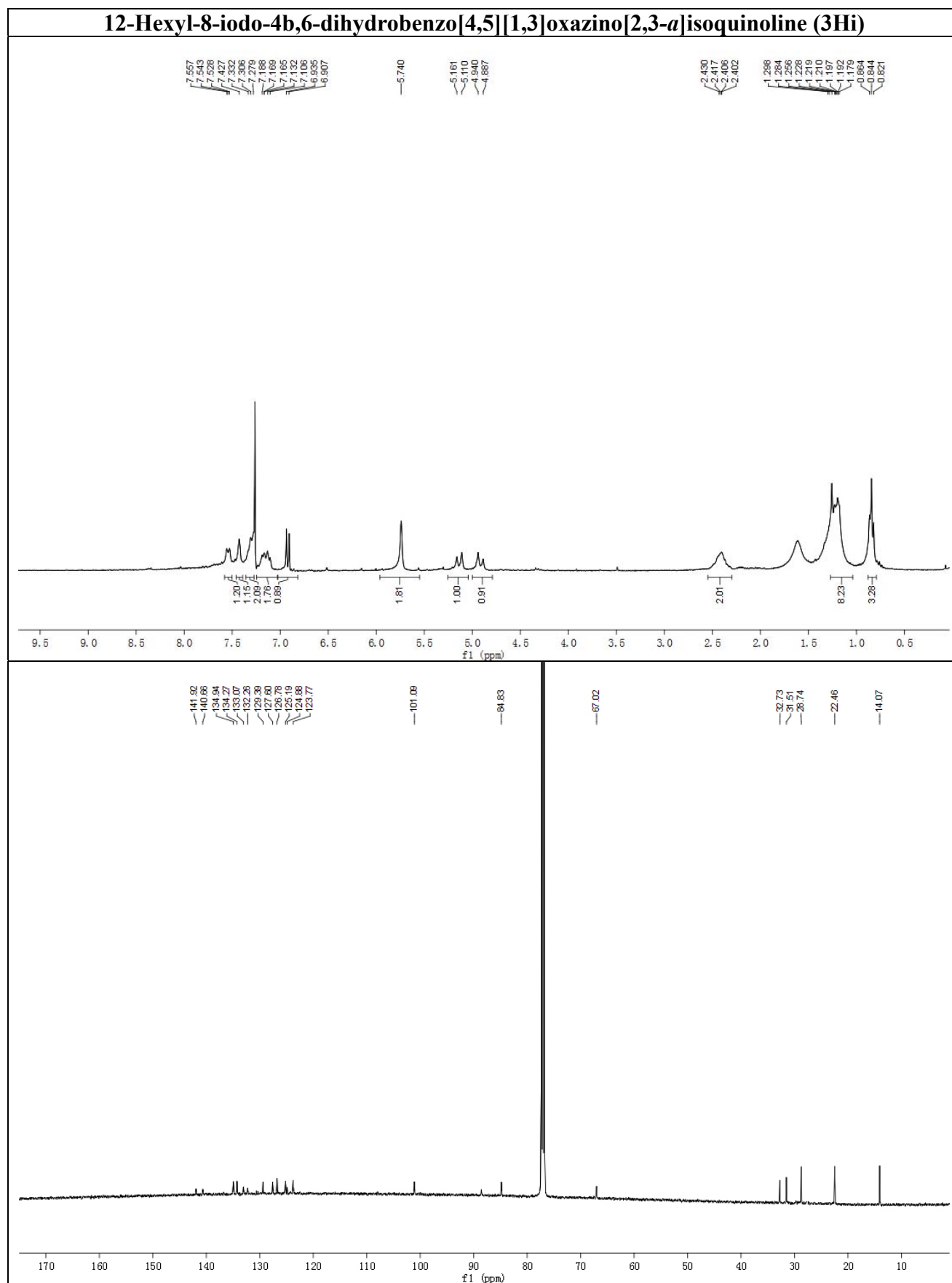
8-Chloro-2-methyl-12-phenyl-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-*a*]isoquinoline (3Gc)

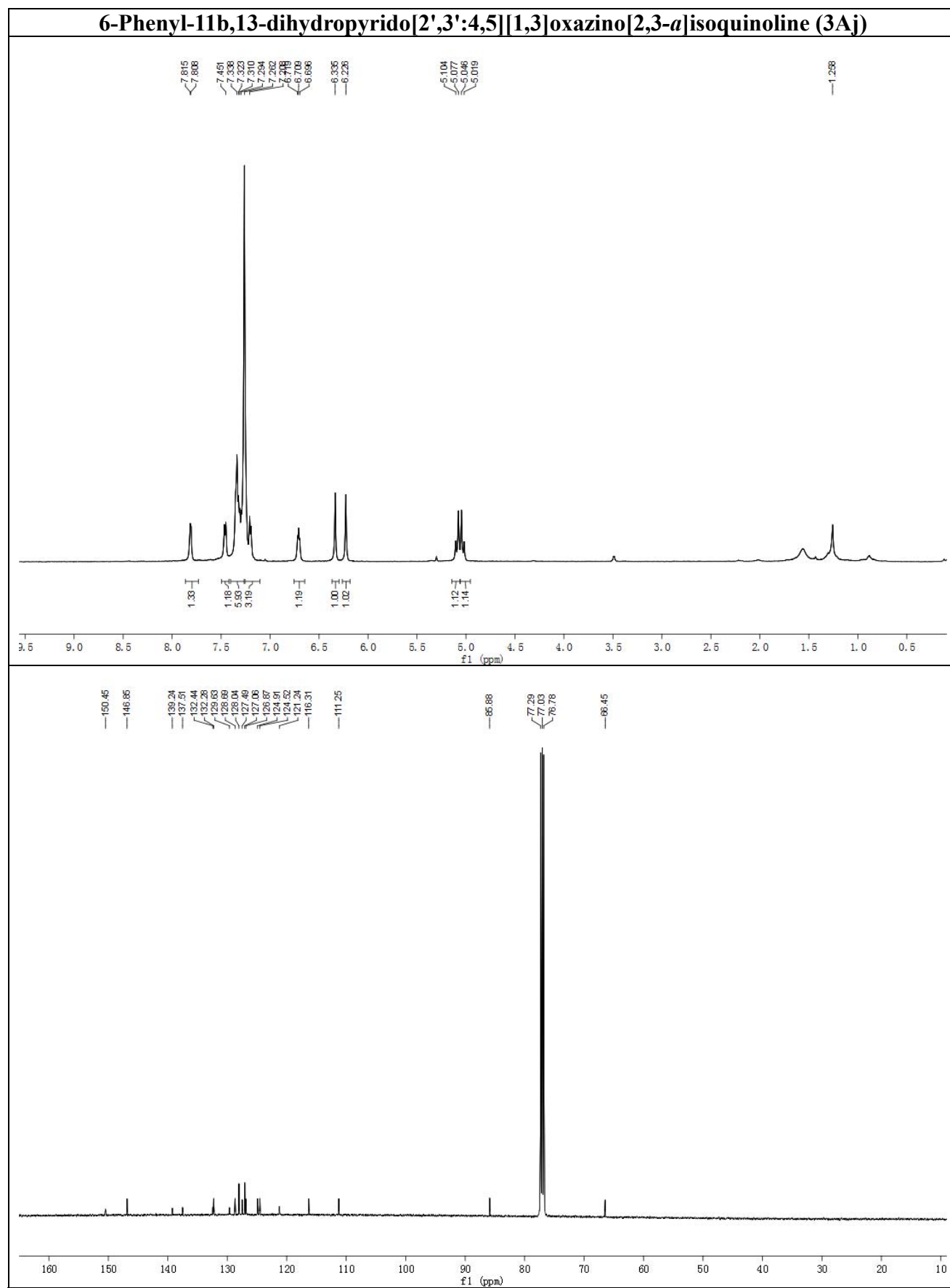
2,8-Dimethyl-12-phenyl-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Gf)

2-Methyl-14-phenyl-4b,6-dihydronaphtho[2',3':4,5][1,3]oxazino[2,3-a]isoquinoline (3Gh)

12-Hexyl-4b,6-dihydrobenzo[4,5][1,3]oxazino[2,3-a]isoquinoline (3Ha)







6-(4-Fluorophenyl)-11b,13-dihydropyrido[2',3':4,5][1,3]oxazino[2,3-a]isoquinoline (3Bj)