

Supporting Information
for DOI: 10.1055/s-0036-1591568
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Electronic Supplementary material (ESI) for

Iodine-Mediated Intramolecular C-H Amination of Benzimidazoles: A Metal-Free Route to Dihydroimidazobenzimidazoles

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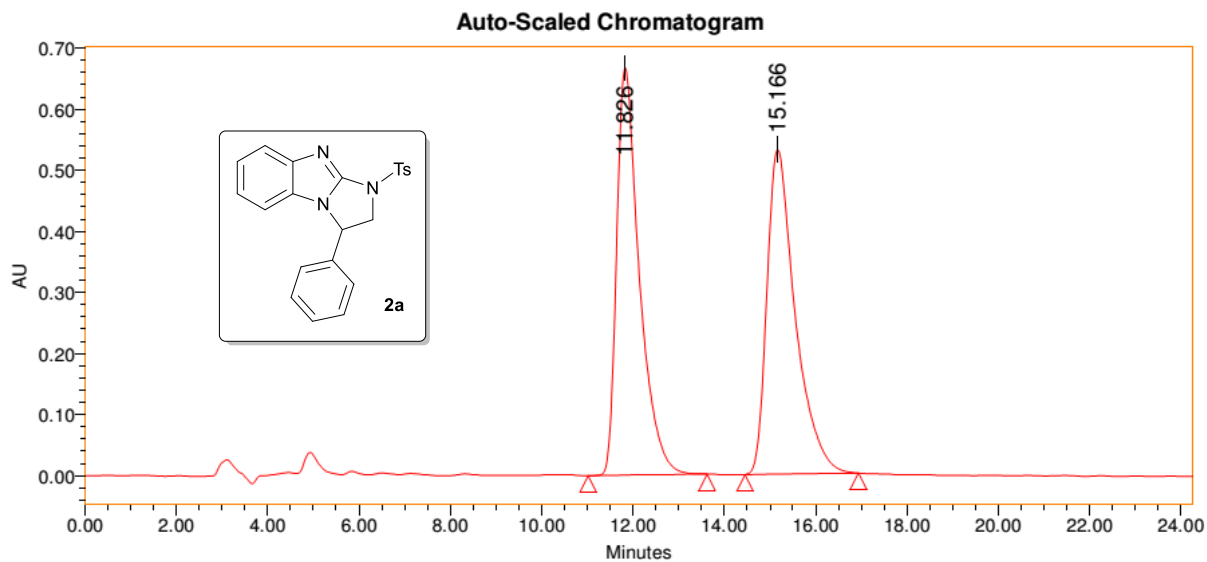
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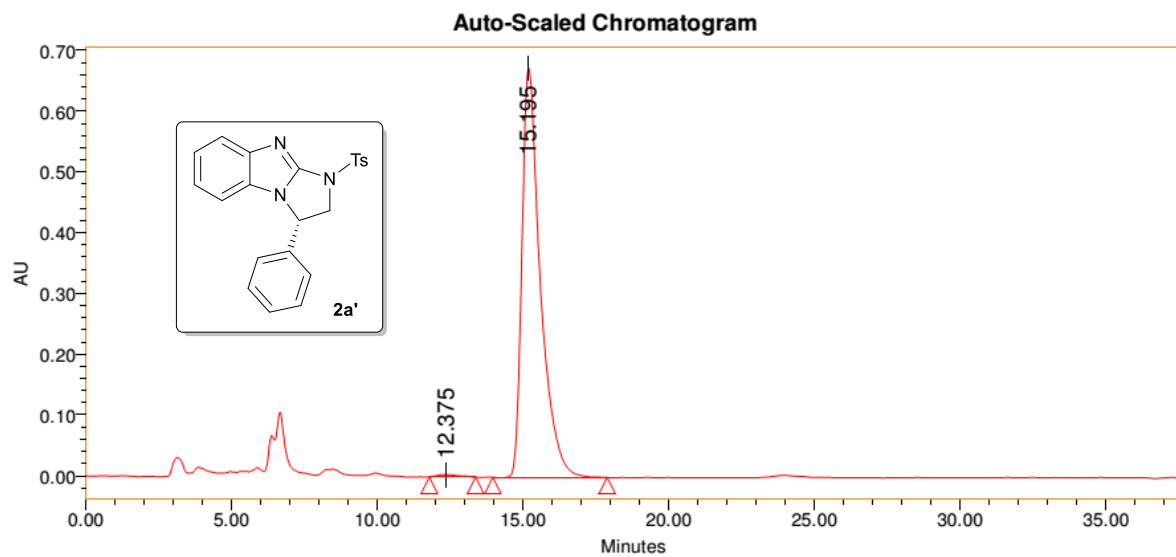
1	HPLC Chromatograms of 2a' and 2l'	S2-3
2	NMR (¹ H and ¹³ C) Spectra	S4-35

HPLC Chromatograms



Peak Results

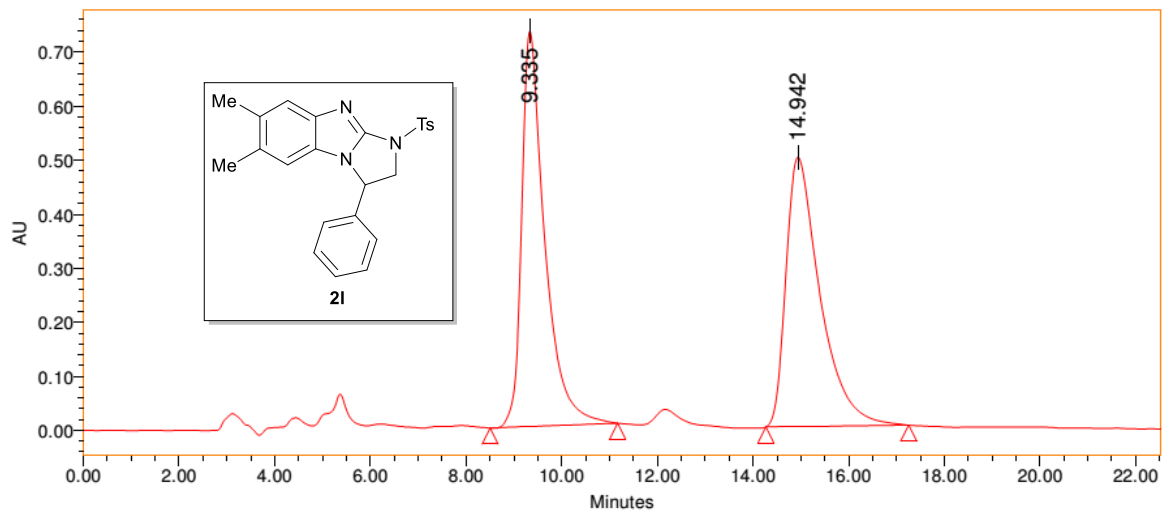
	RT	Height (μV)	% Area
1	11.826	666511	50.10
2	15.166	531242	49.90



Peak Results

	RT	Height (μV)	% Area
1	12.375	3645	0.68
2	15.195	673152	99.32

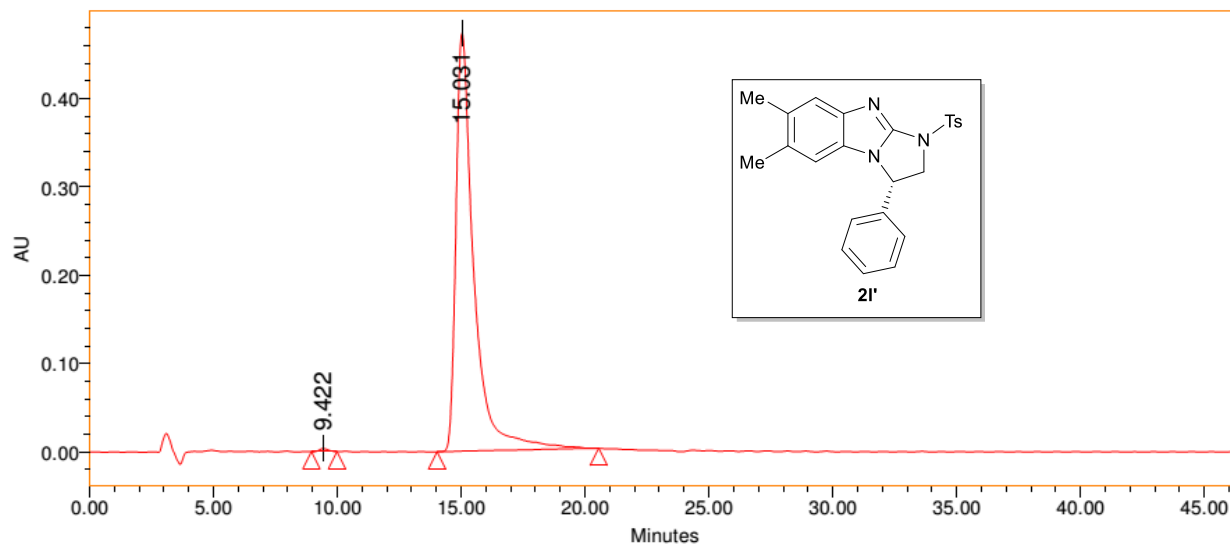
Auto-Scaled Chromatogram



Peak Results

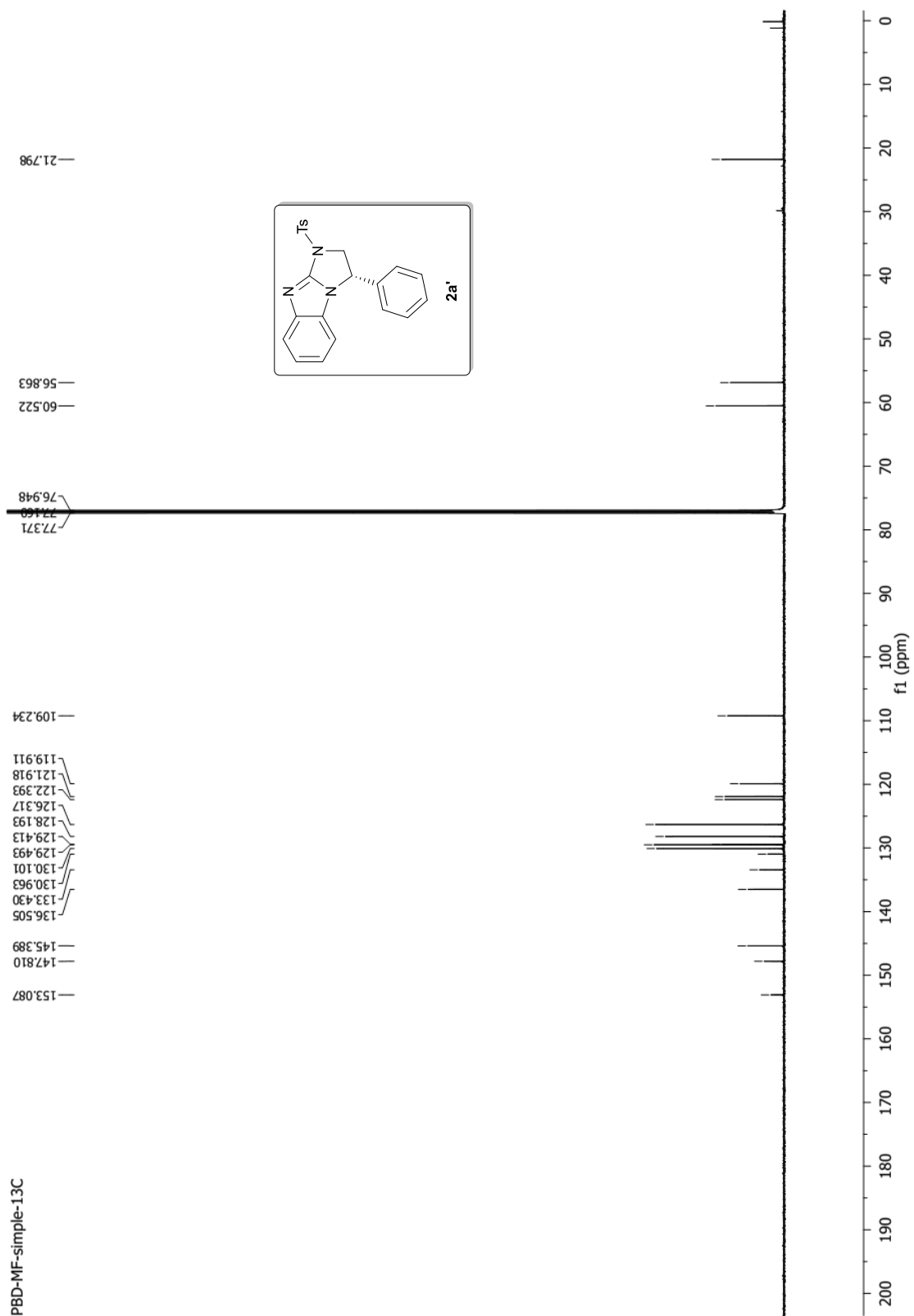
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1	9.335	732357	49.91
2	14.942	498642	50.09

Auto-Scaled Chromatogram

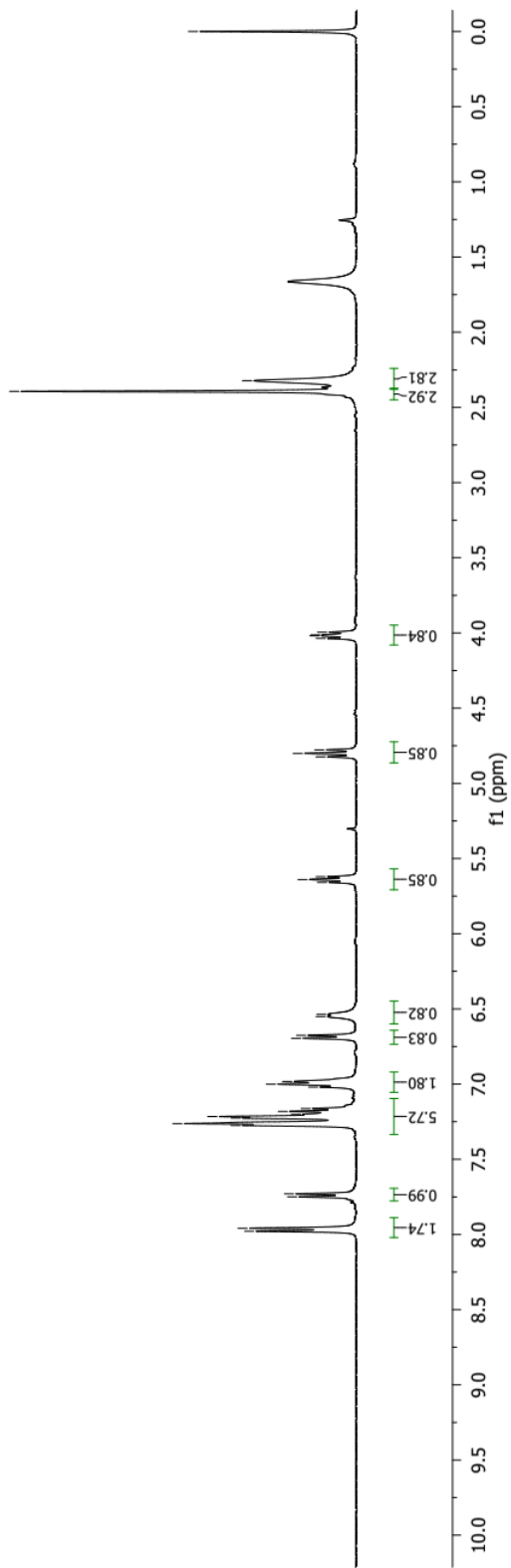
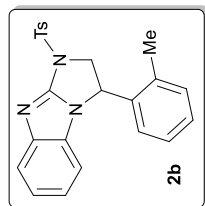
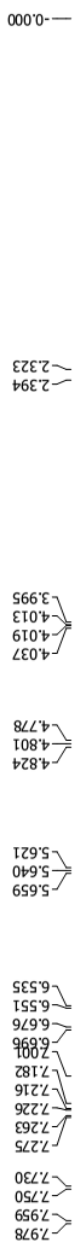


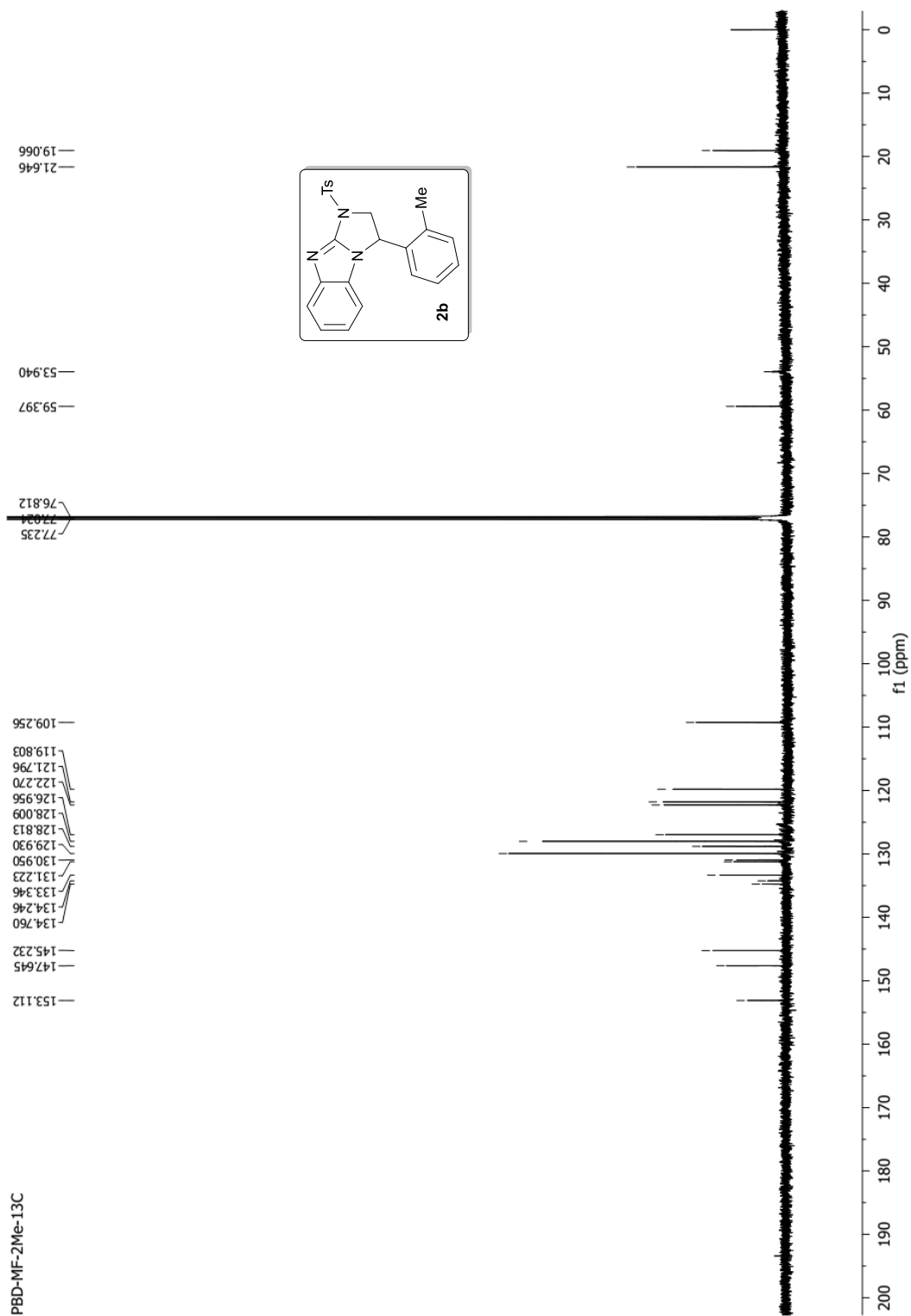
Peak Results

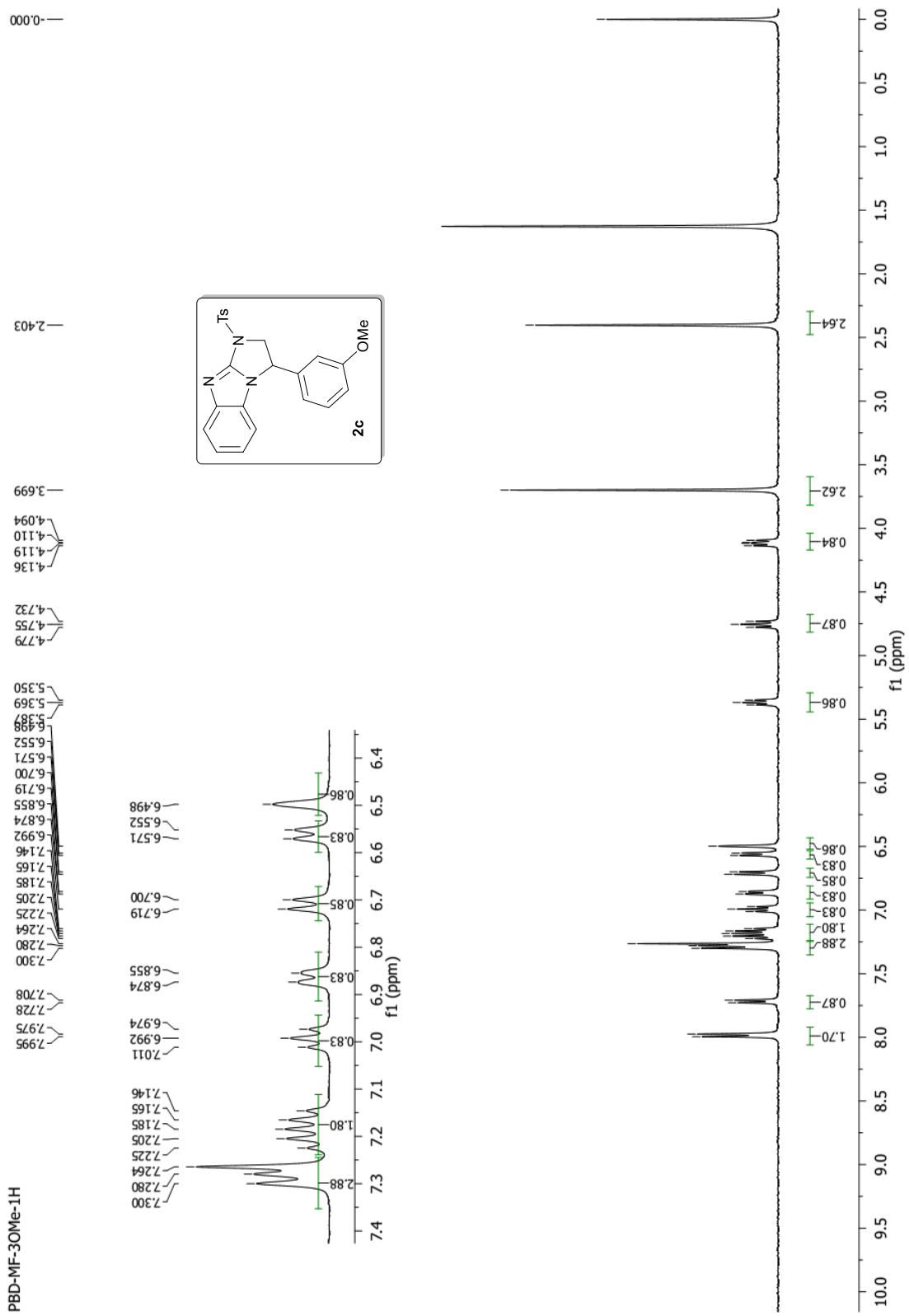
	RT	Height (μV)	% Area
1	9.422	3372	0.36
2	15.031	473362	99.64

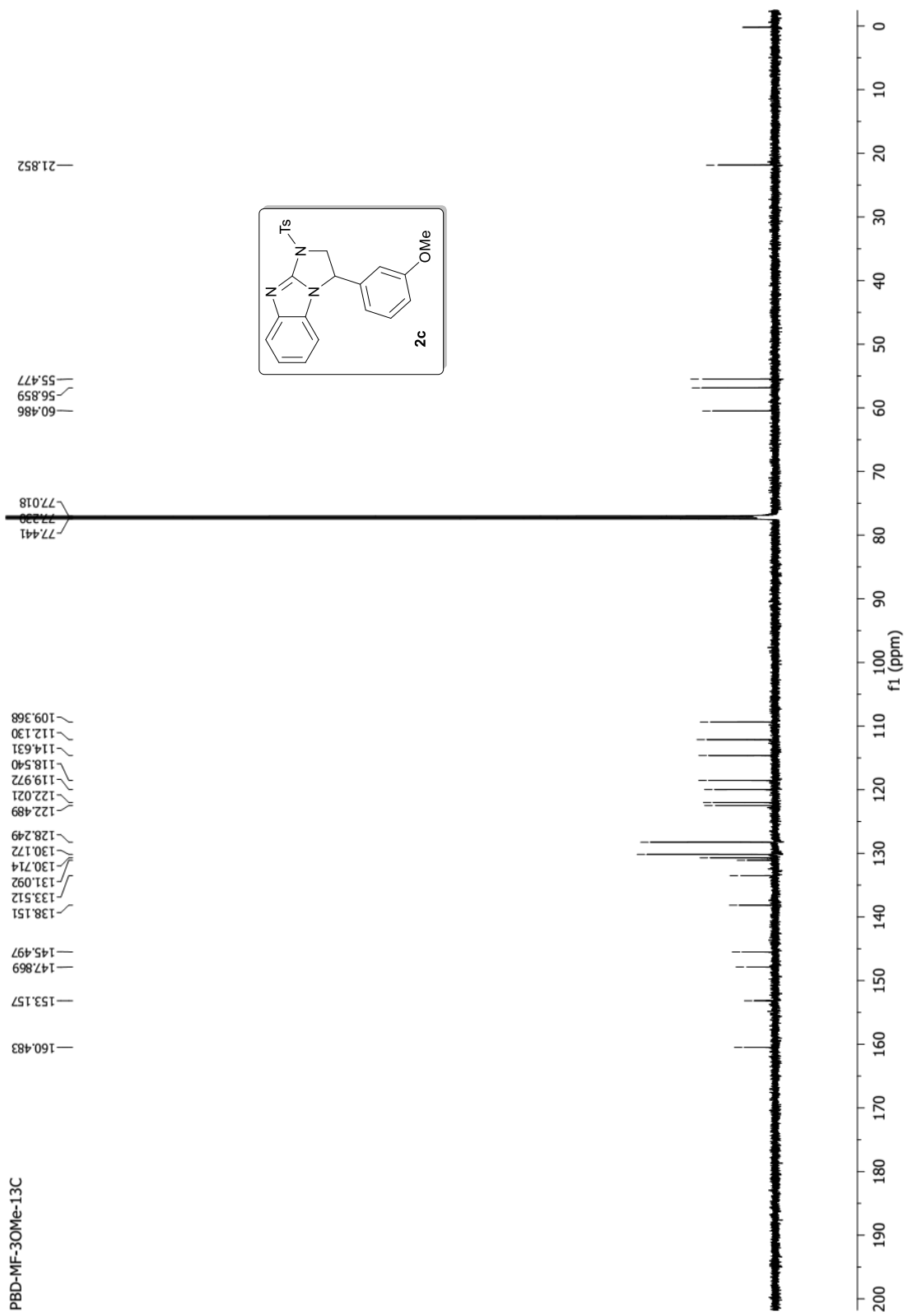


PBD-MF-2Me-1H



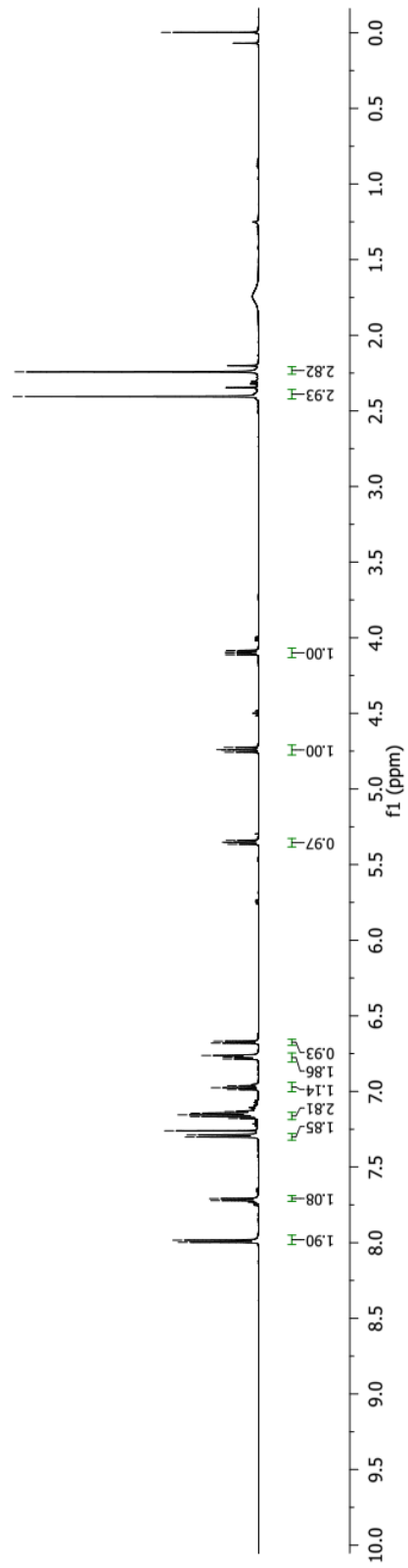
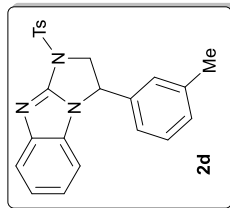




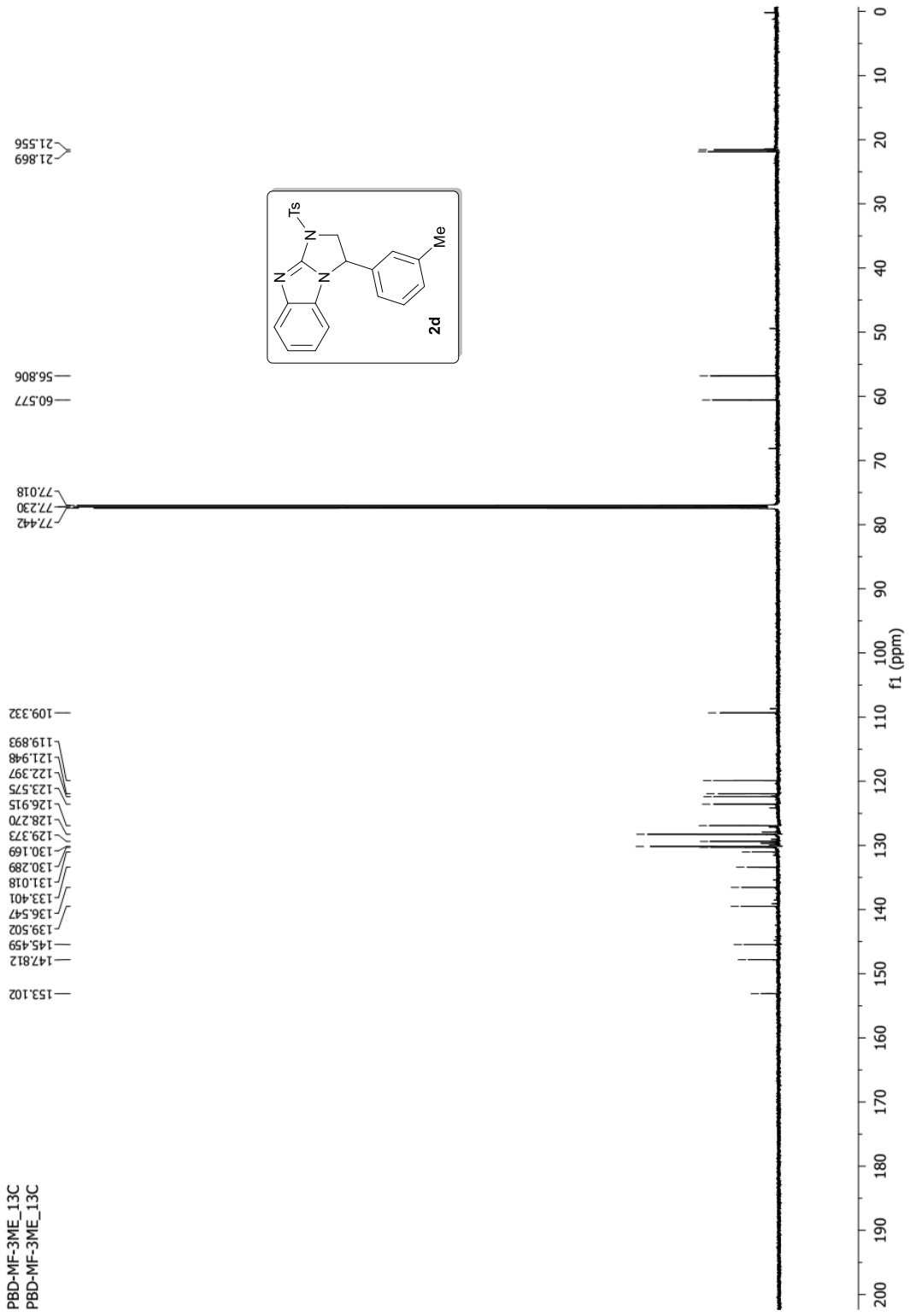


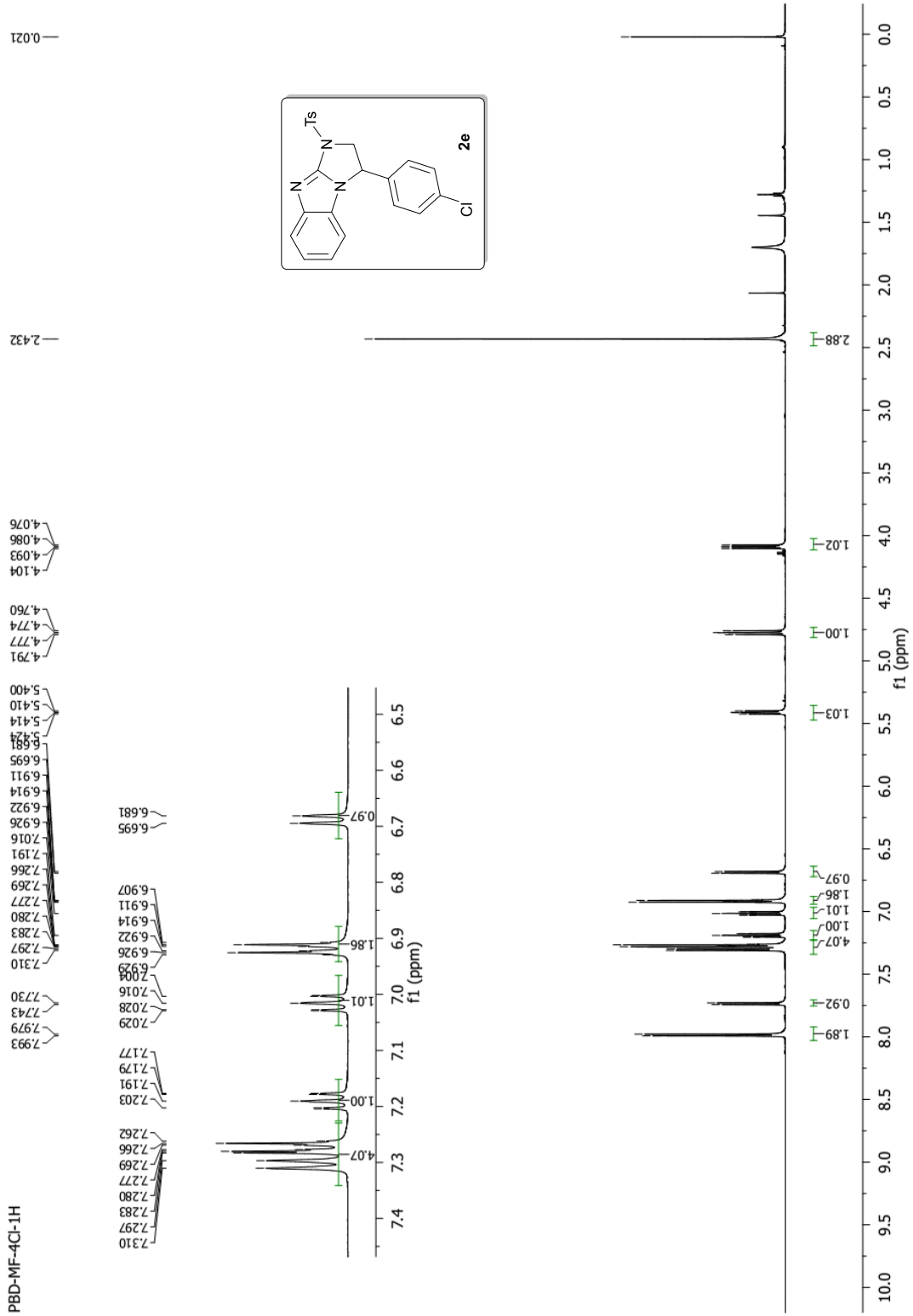
PBD-MF-3ME_1H
PBD-MF-3ME_1H

7.998
7.984
7.722
7.708
7.301
7.287
7.260
7.179
7.167
7.155
7.144
7.133
6.988
6.976
6.962
6.785
6.772
6.763
6.681
6.668
5.366
5.354
5.351
5.340
4.757
4.742
4.740
4.725
4.113
4.102
4.096
4.084
2.405
2.242
-0.002

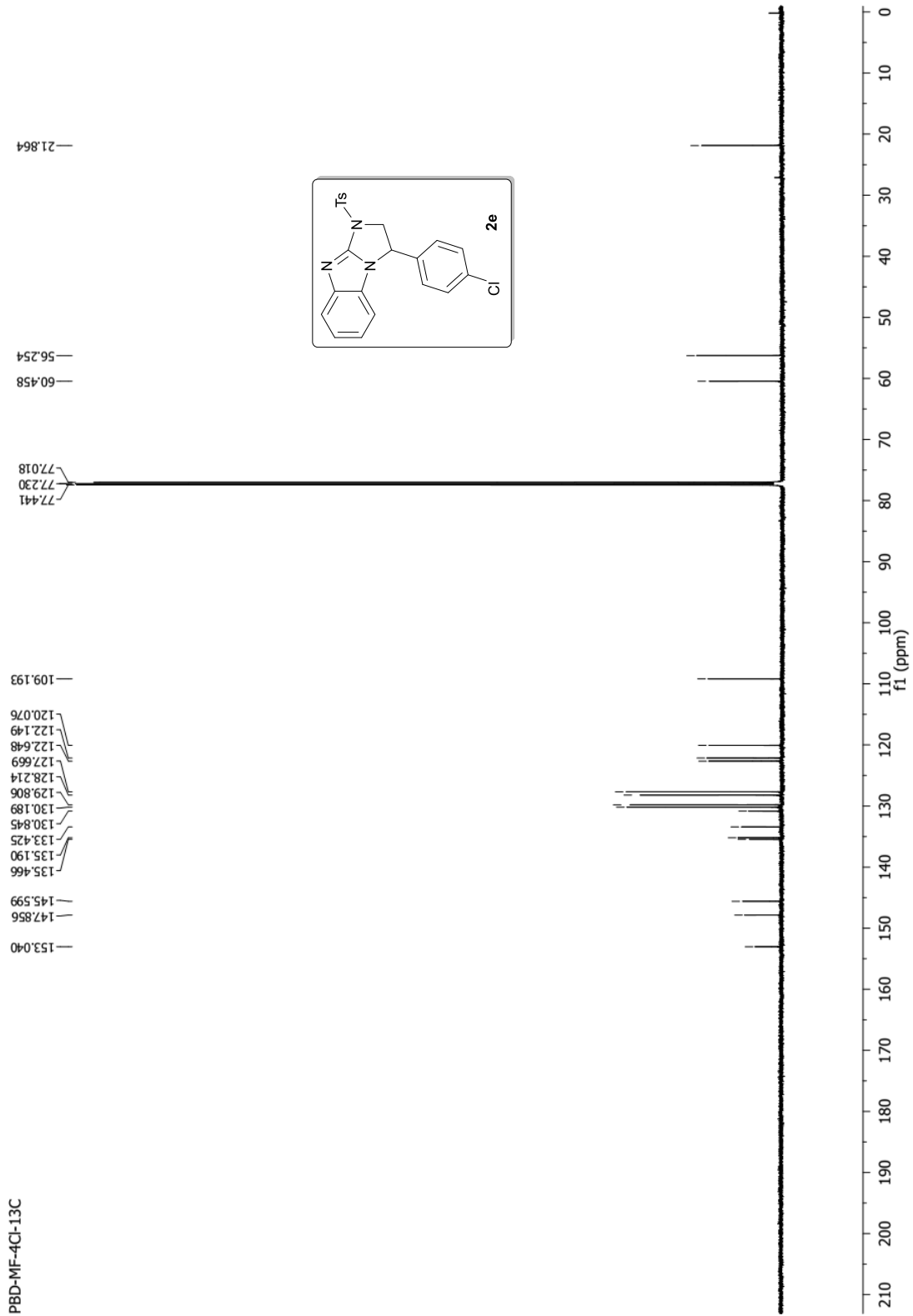


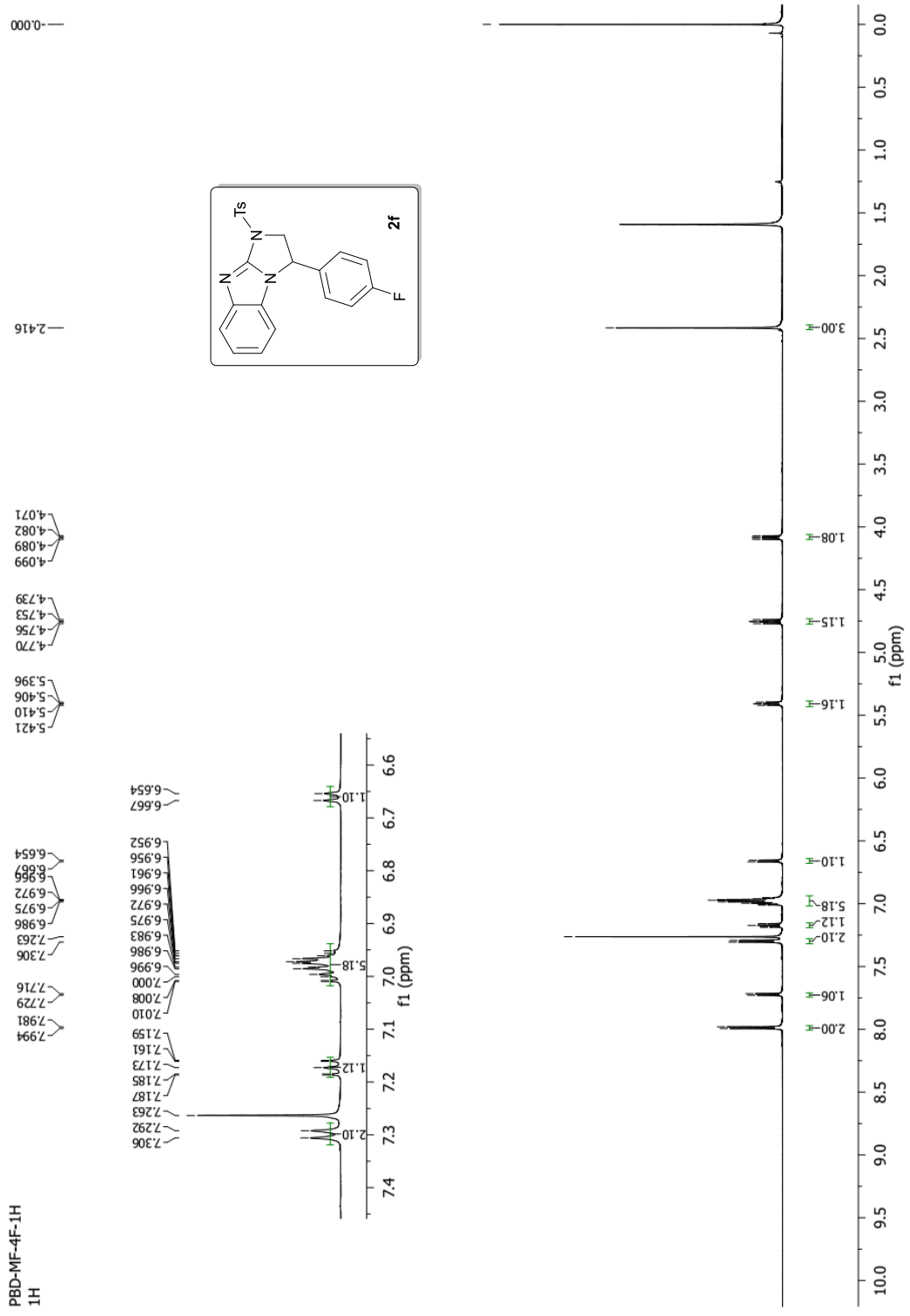
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PBD-MF-3ME_13C

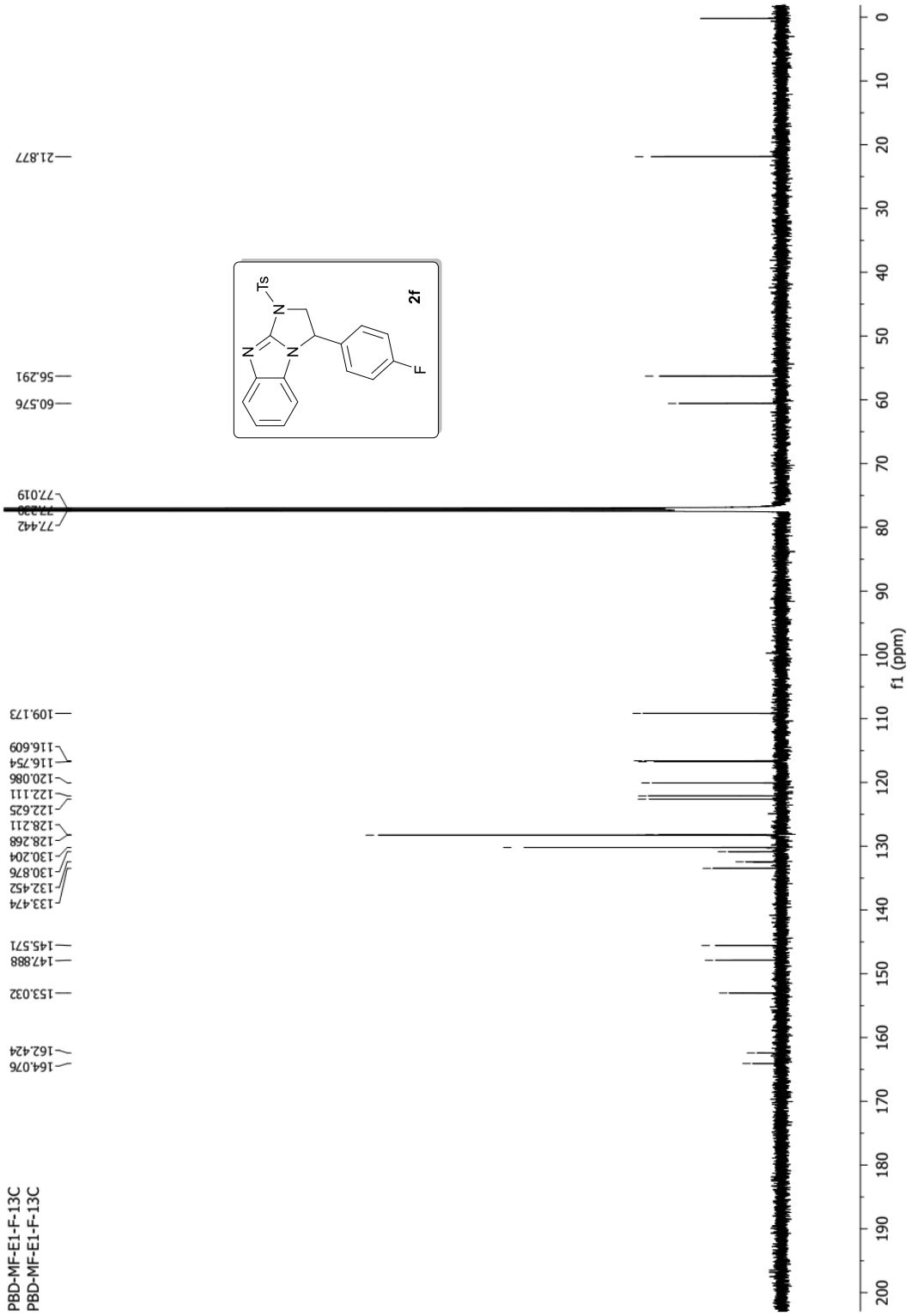


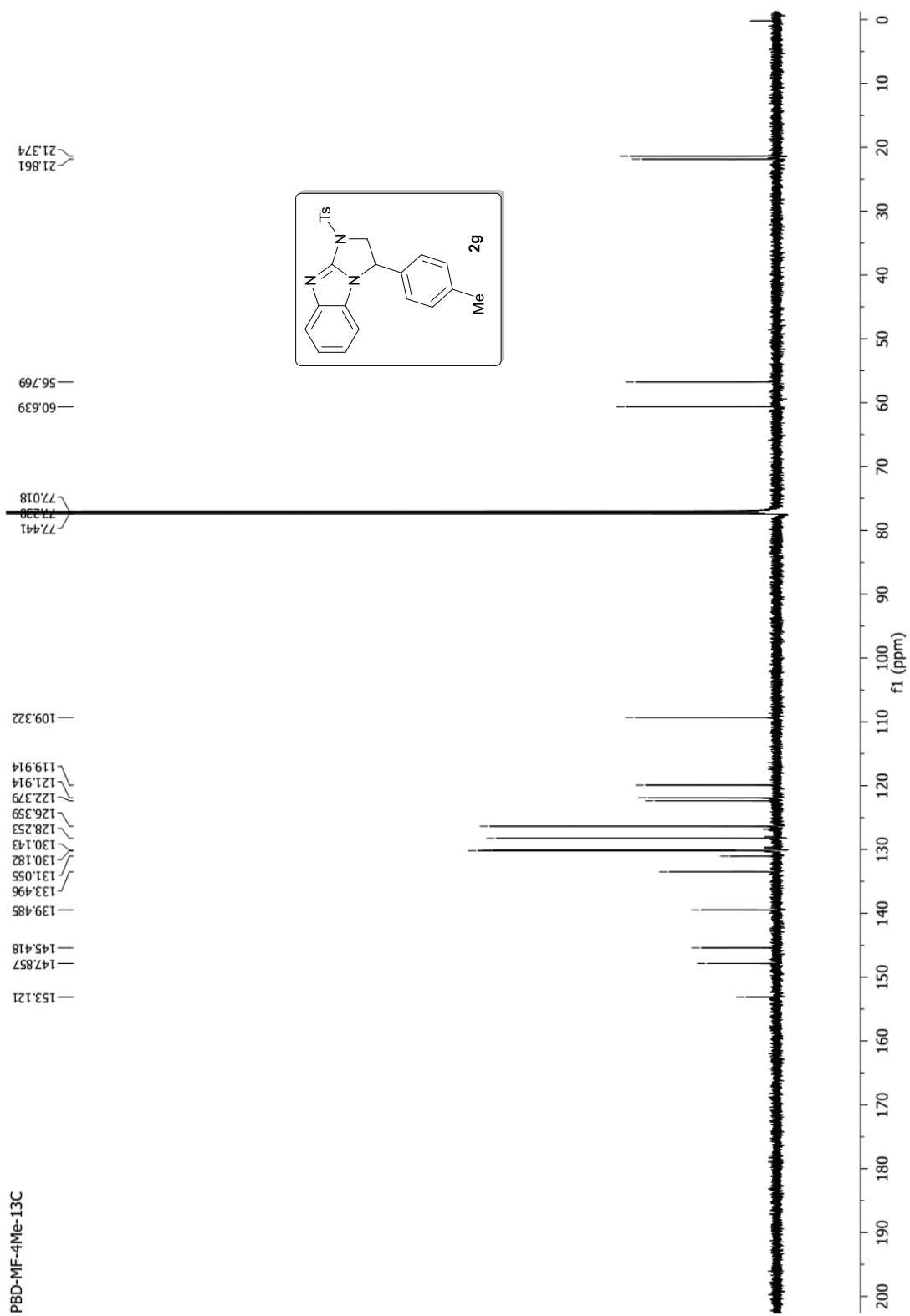


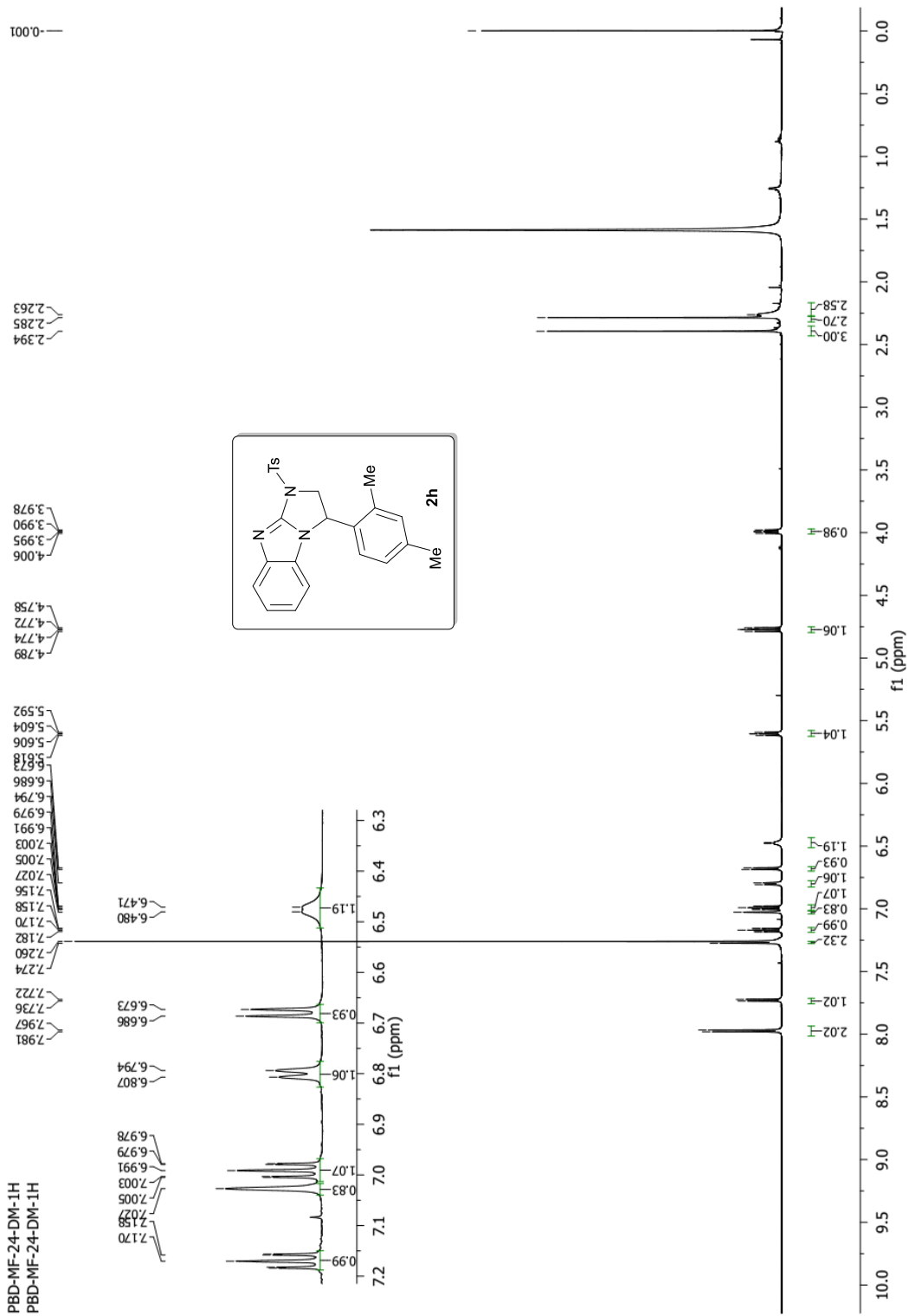
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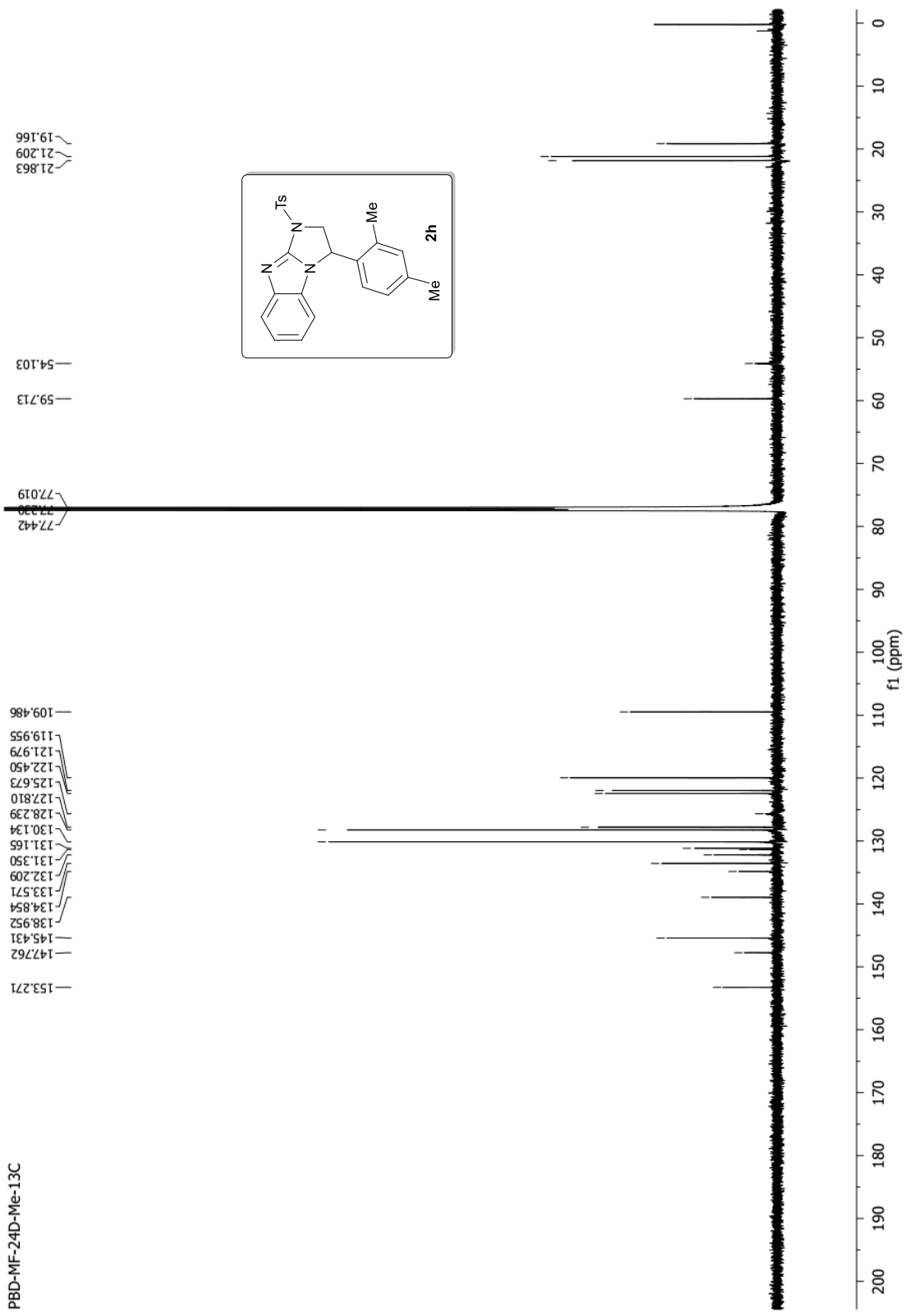


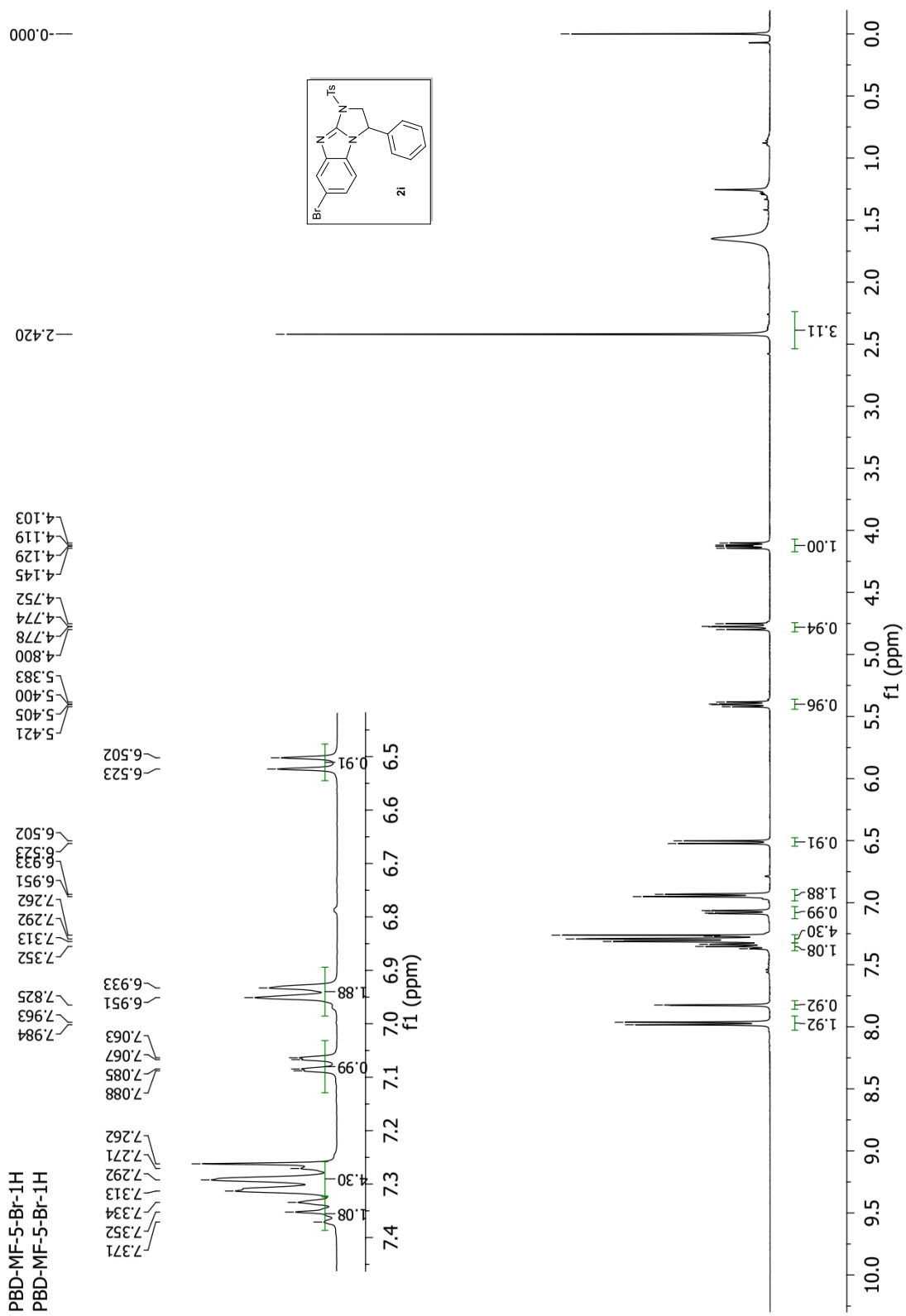




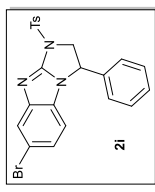
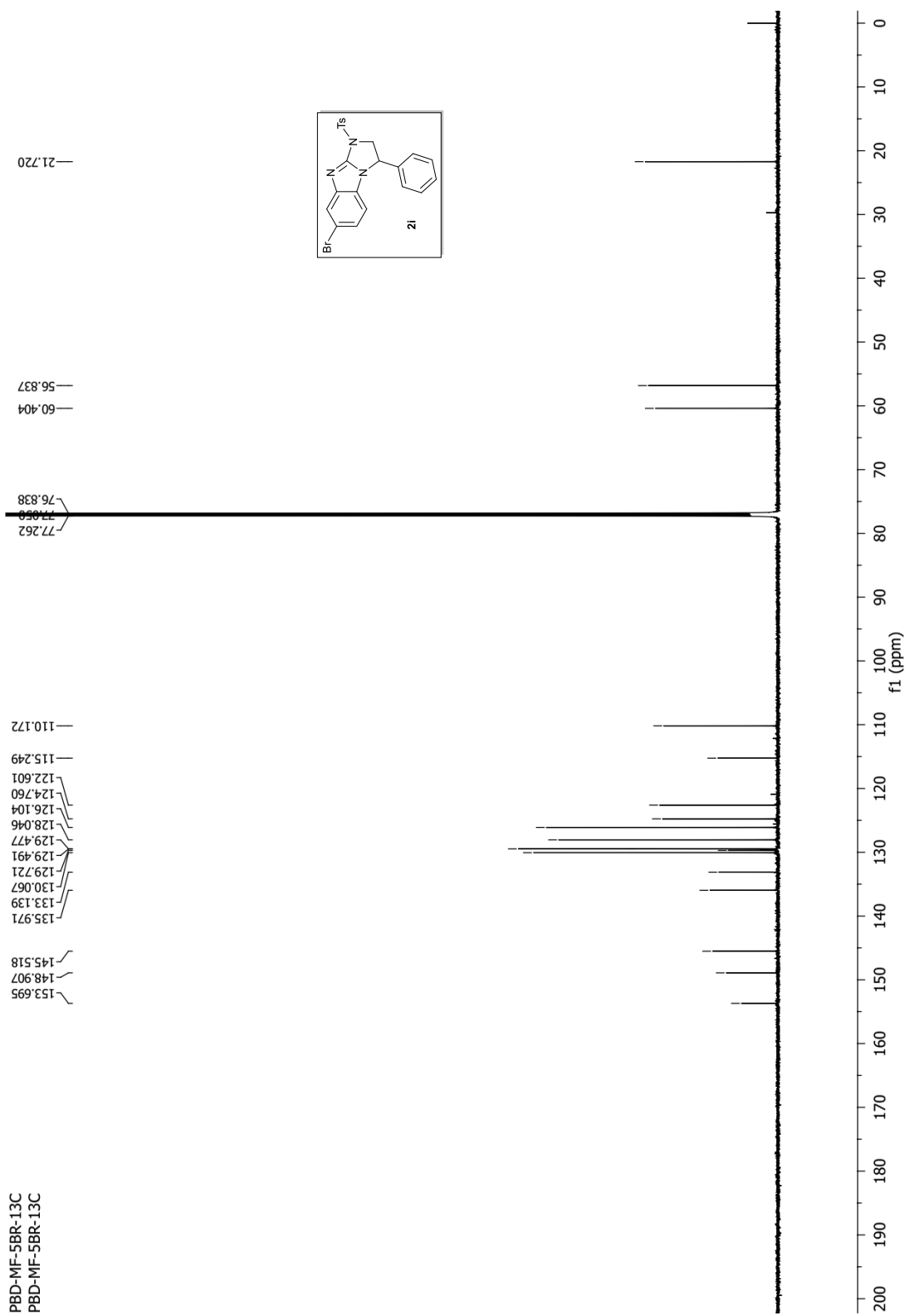


PBD-MF-24D-Me-13C

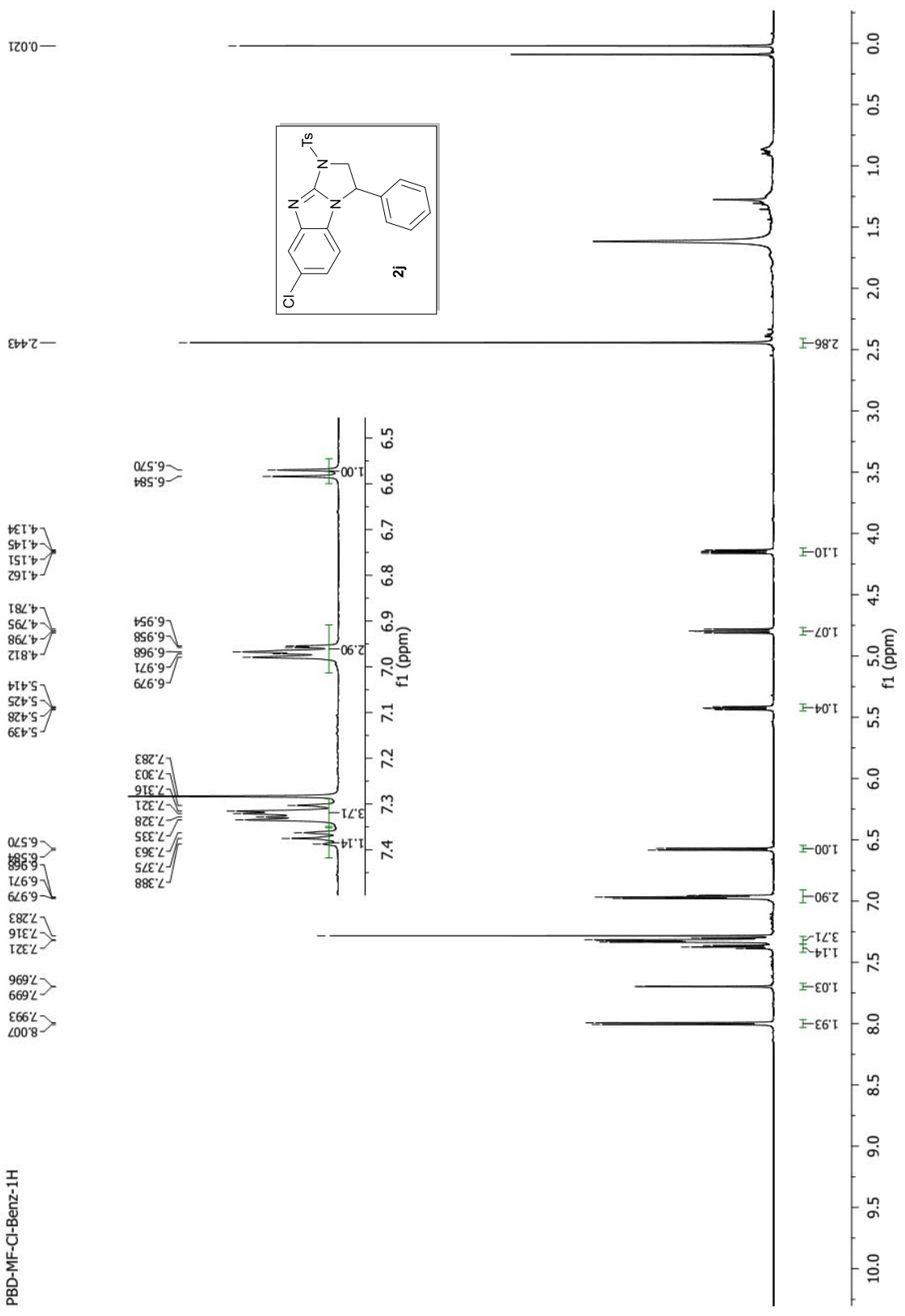




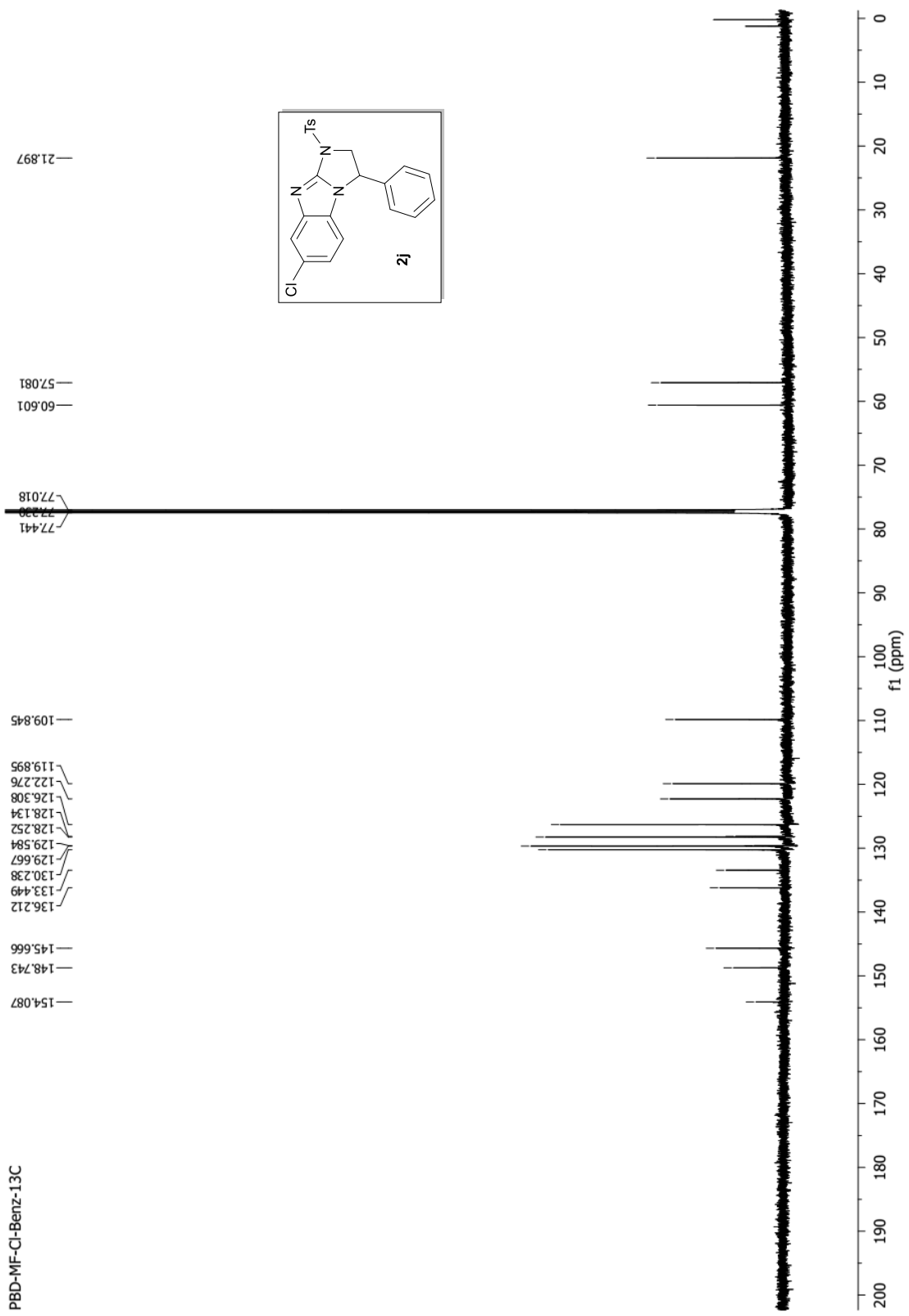
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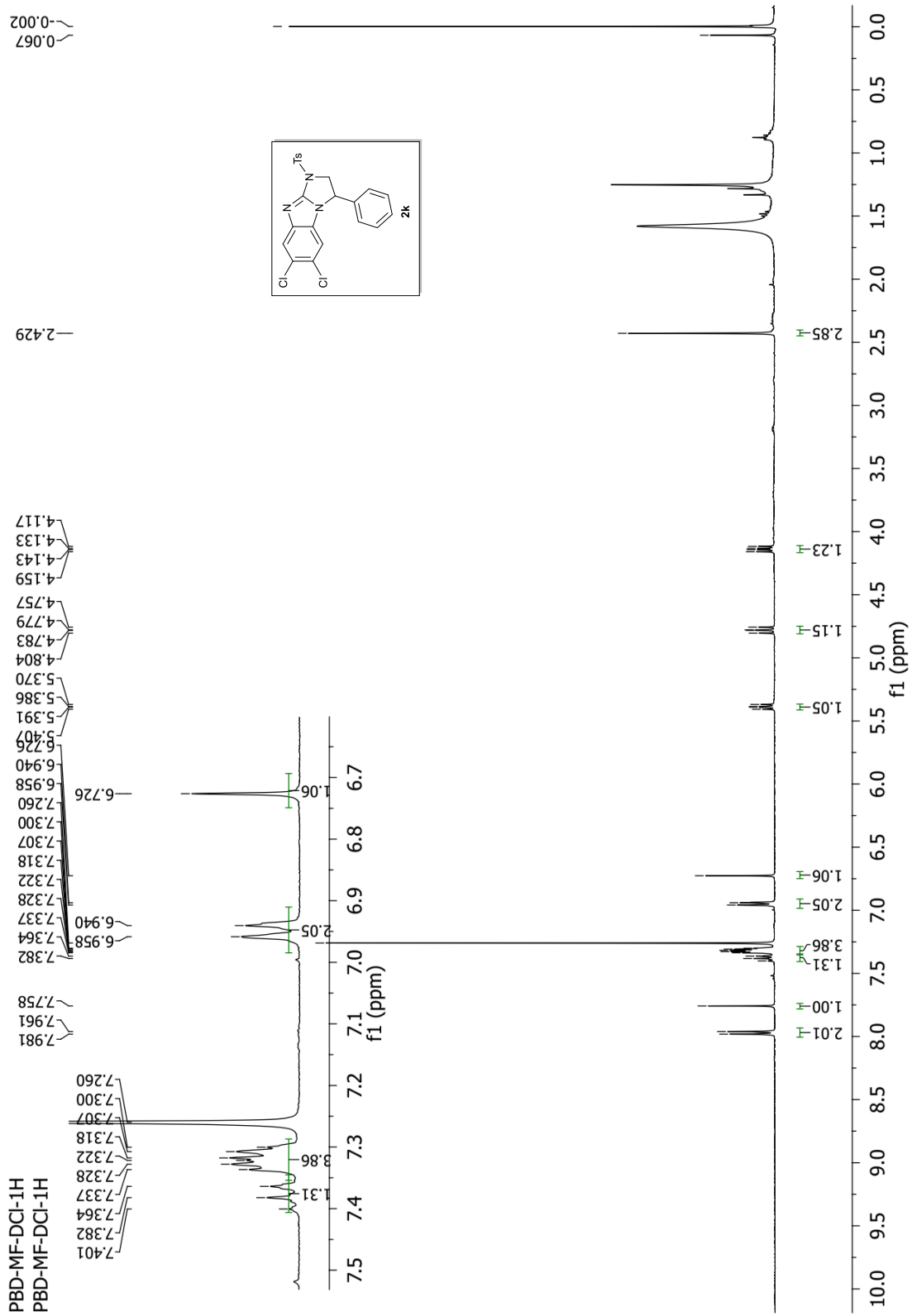


PBD-MF-Cl-Benz-1H

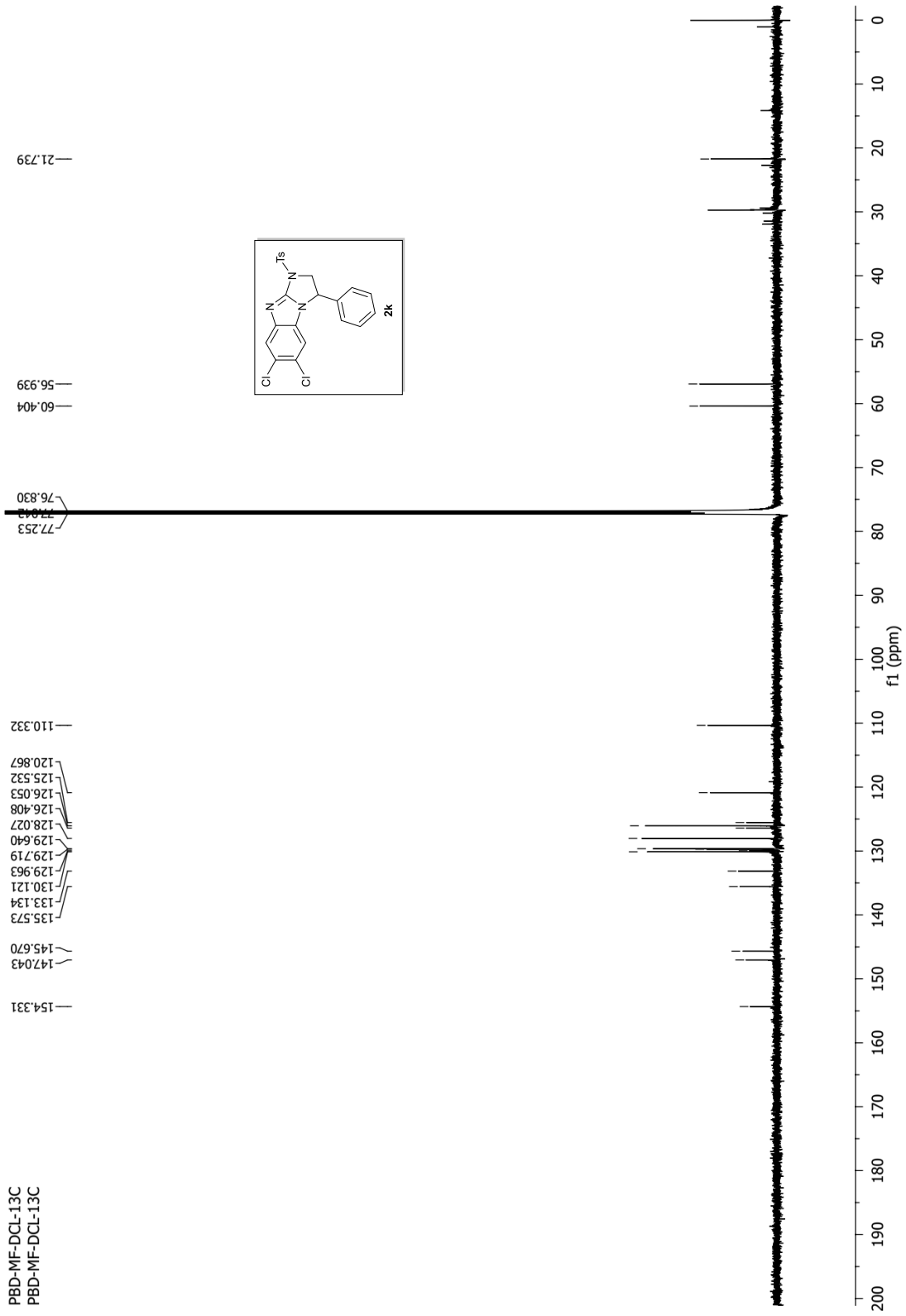


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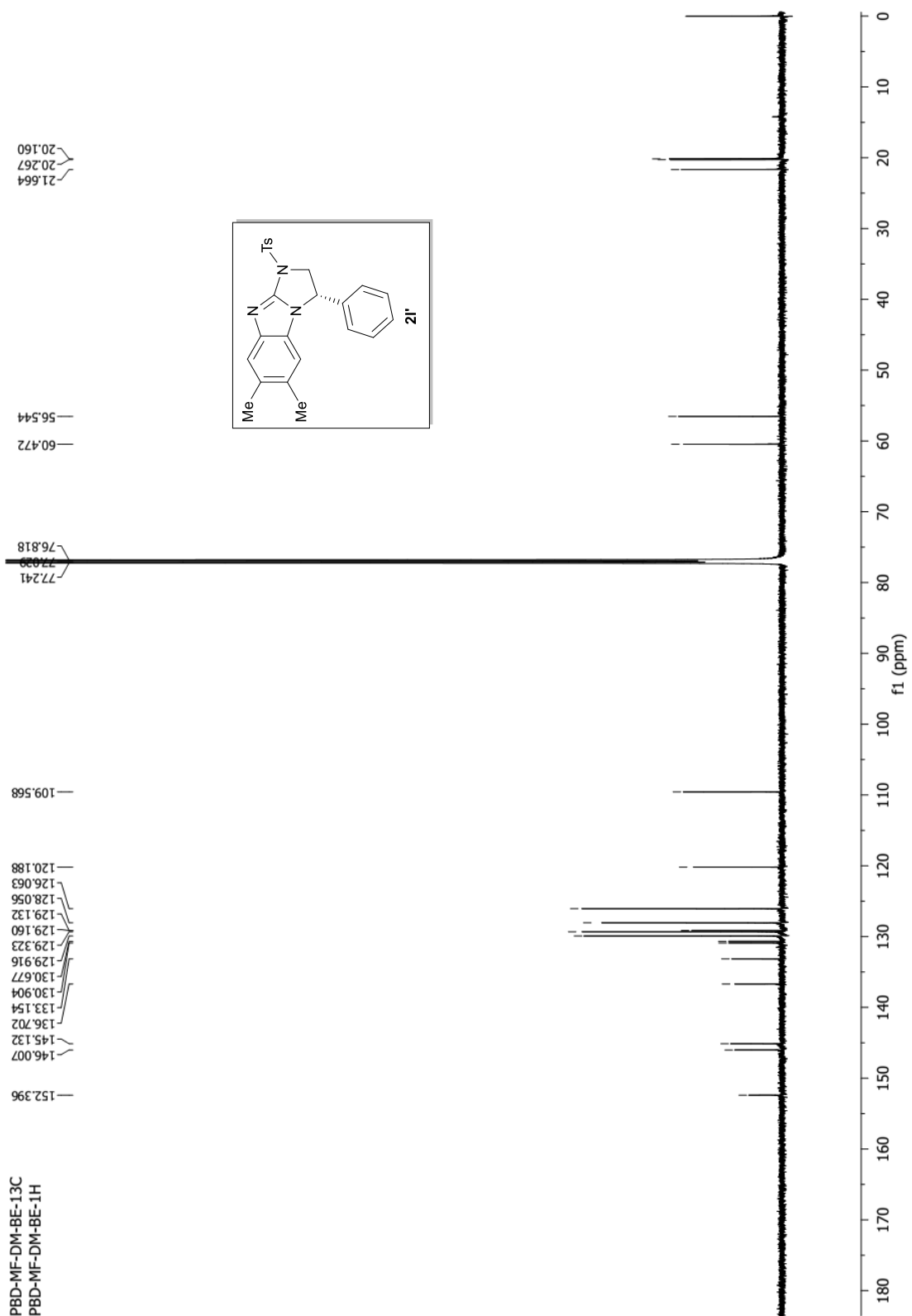


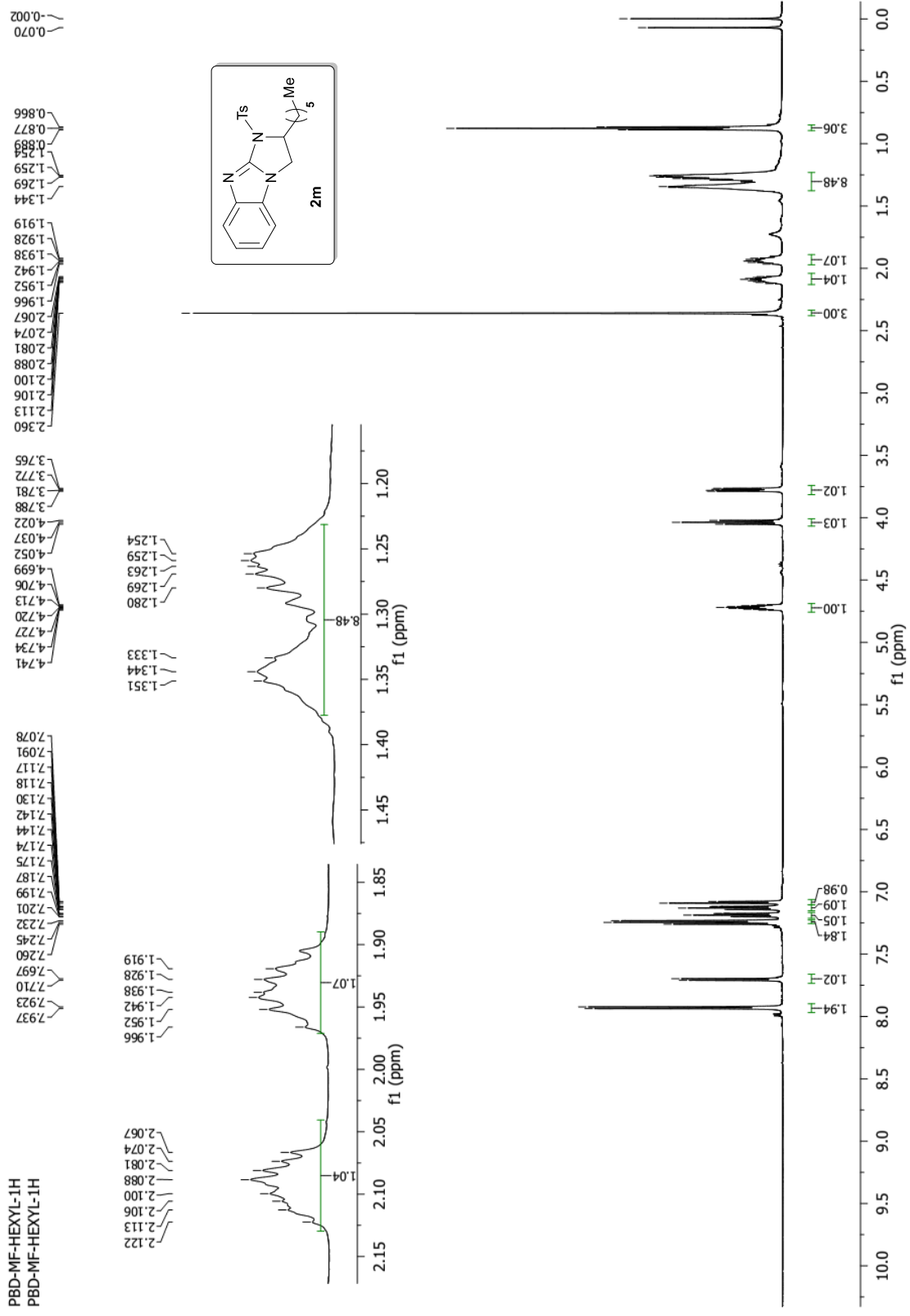


PBD-MF-DCL-13C
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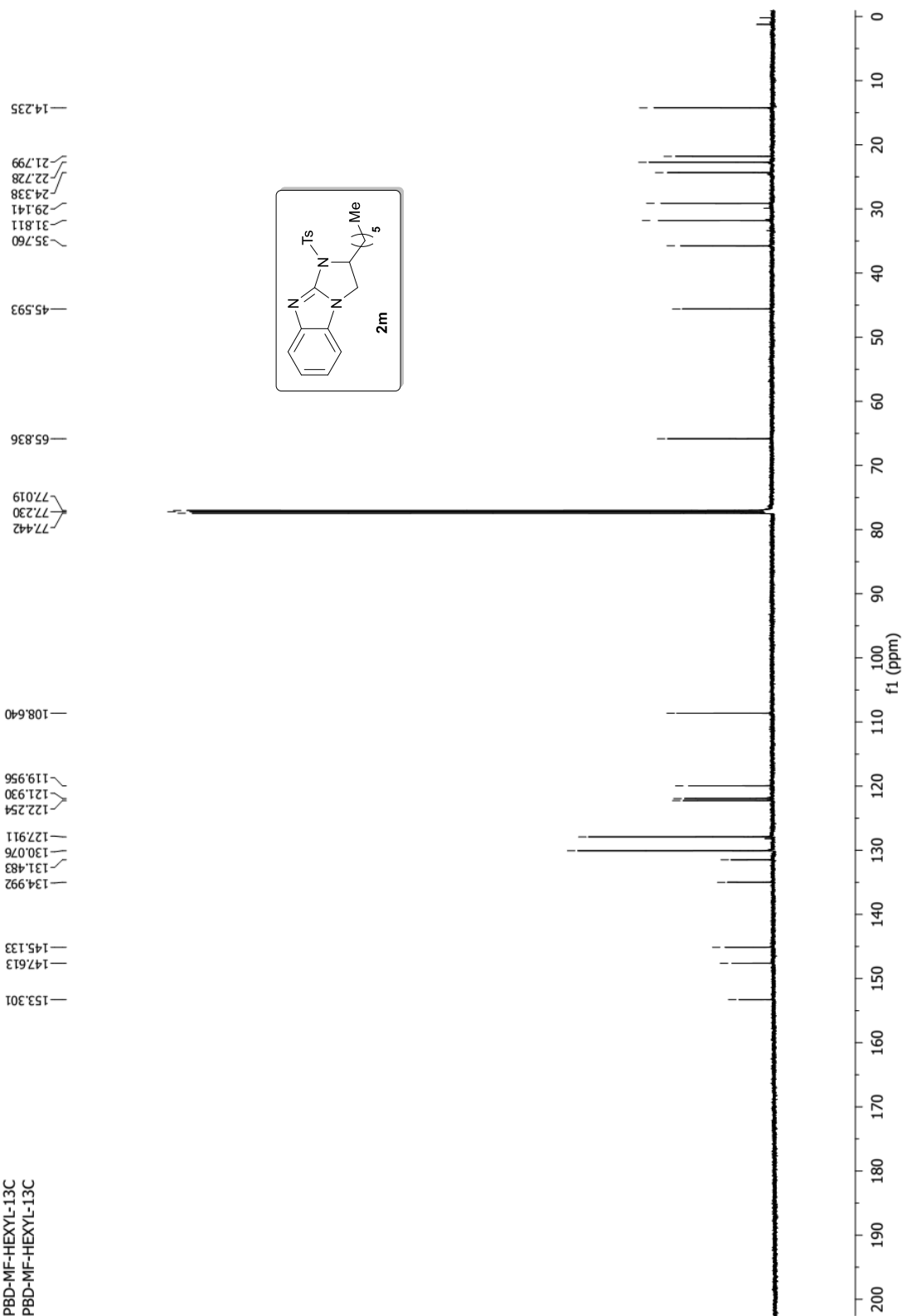


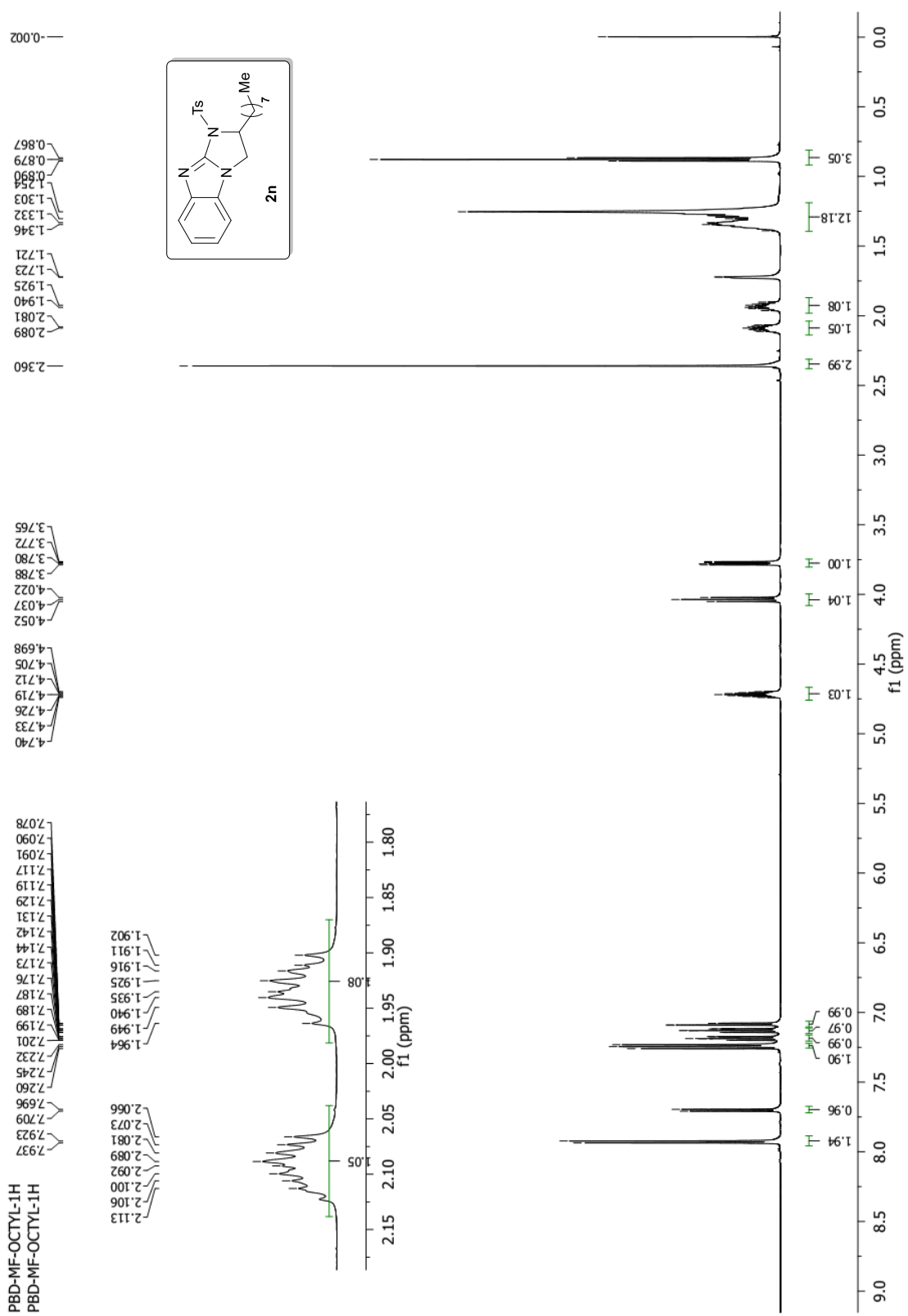
PBD-MF-DM-BE-13C
PBD-MF-DM-BE-1H





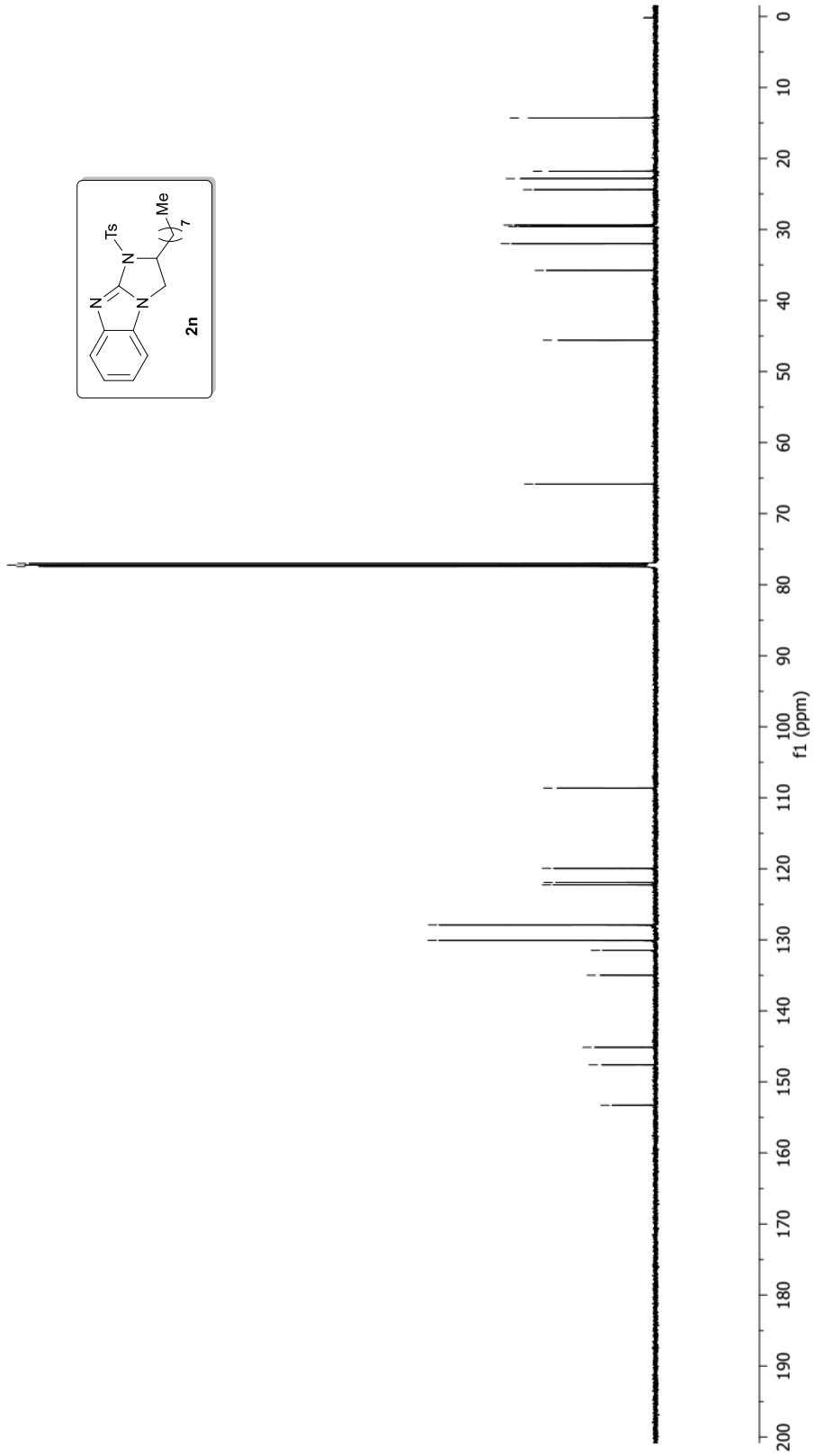
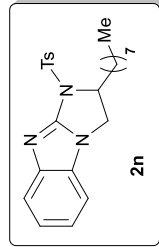
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PBD-MF-HEXYL-13C





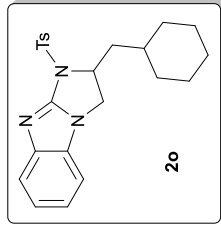
PBD-MF-OCTYL-13C
PBD-MF-OCTYL-13C

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21.799
22.828
24.394
29.384
29.491
29.596
31.999
35.757
45.591
65.842
77.018
77.230
77.441
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130.078
131.475
134.985
145.134
147.593
153.291

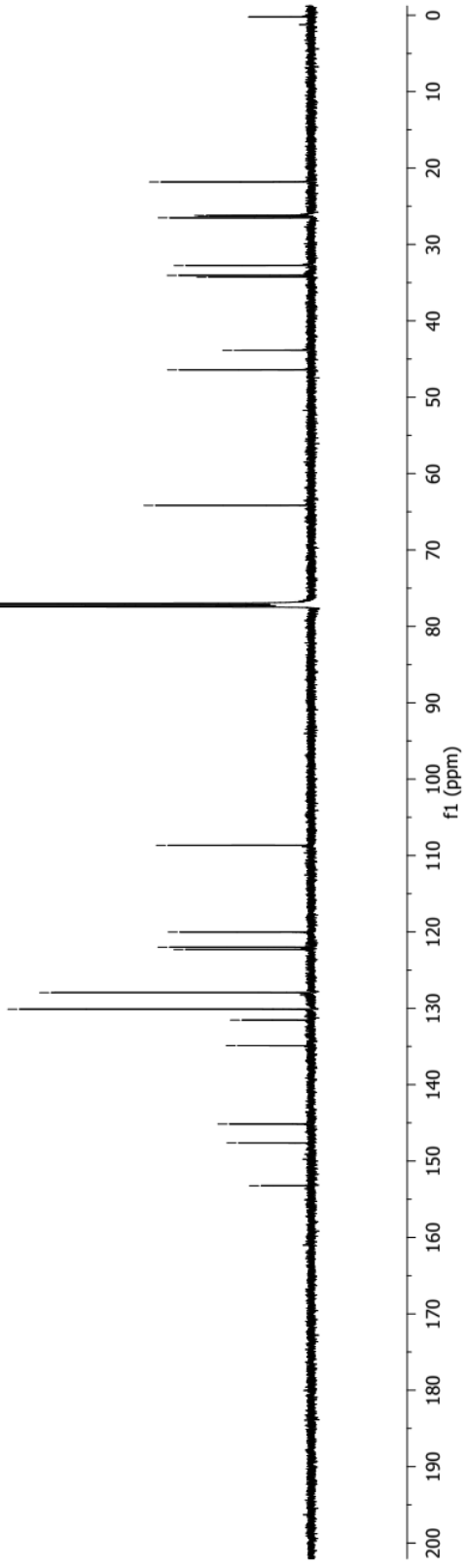


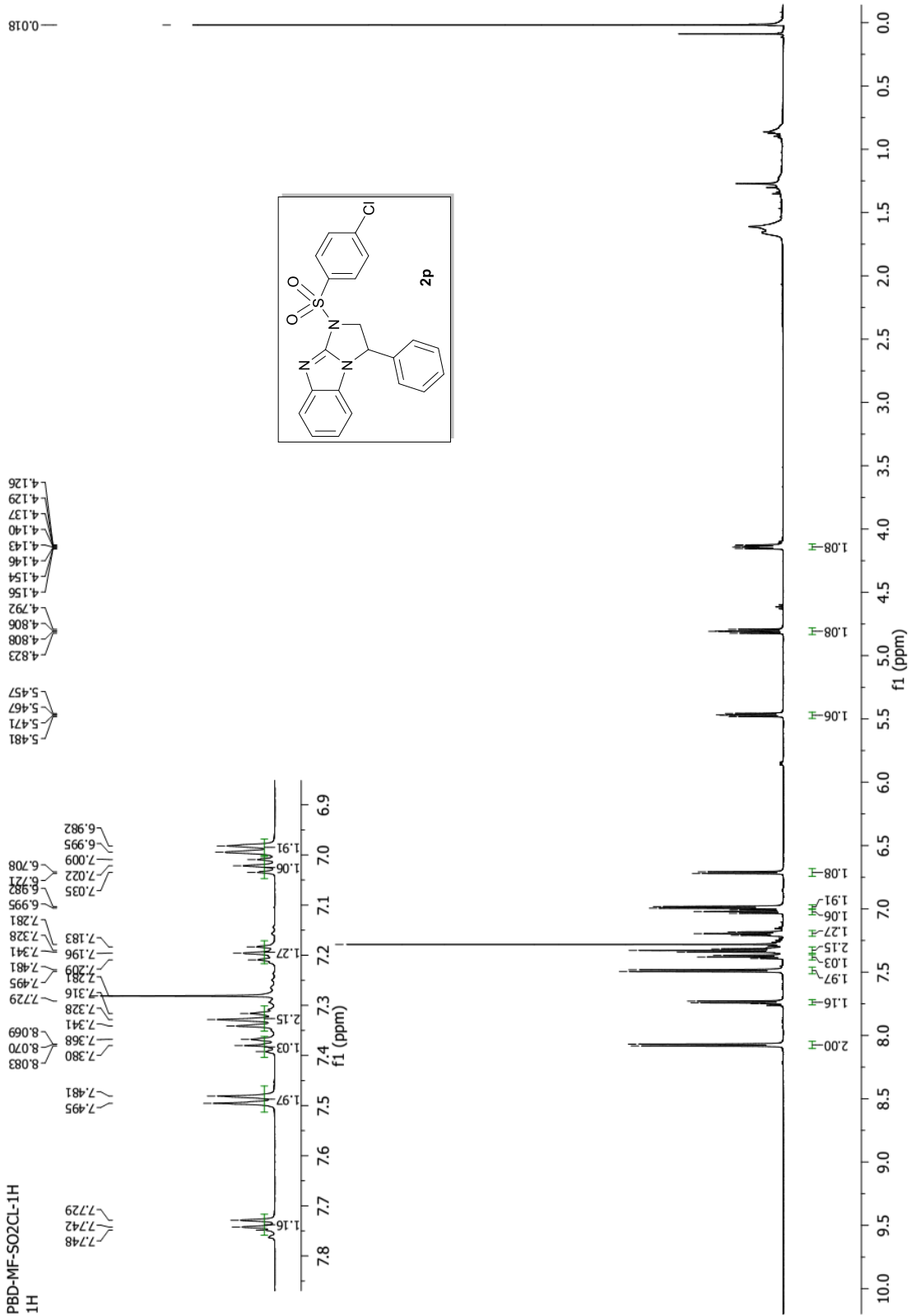
PBD-MF-CYCLO-13C
PBD-MF-CYCLO-13C

77.442
77.339
77.018
64.167
46.422
43.867
34.268
34.059
32.757
26.517
26.316
26.214
21.822



153.233
147.628
145.158
134.901
131.547
130.126
127.944
122.311
121.998
120.025
108.668





PBD-MF-SO2CL-13C
13C

