

Benzenesulfonamides incorporating hydantoin moieties effectively inhibit eukaryotic and human carbonic anhydrases

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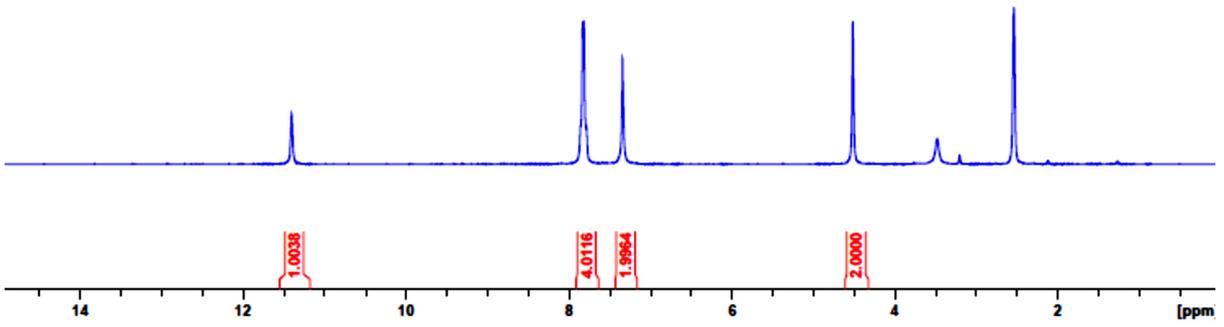
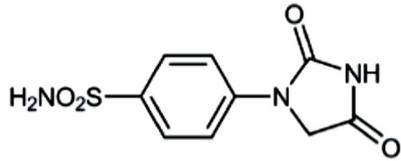
SUPPORTING INFORMATION

6

-11.4022

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7.8307
7.8154
7.7864
-7.3413

-4.5169



6

-171.1461

-155.9859

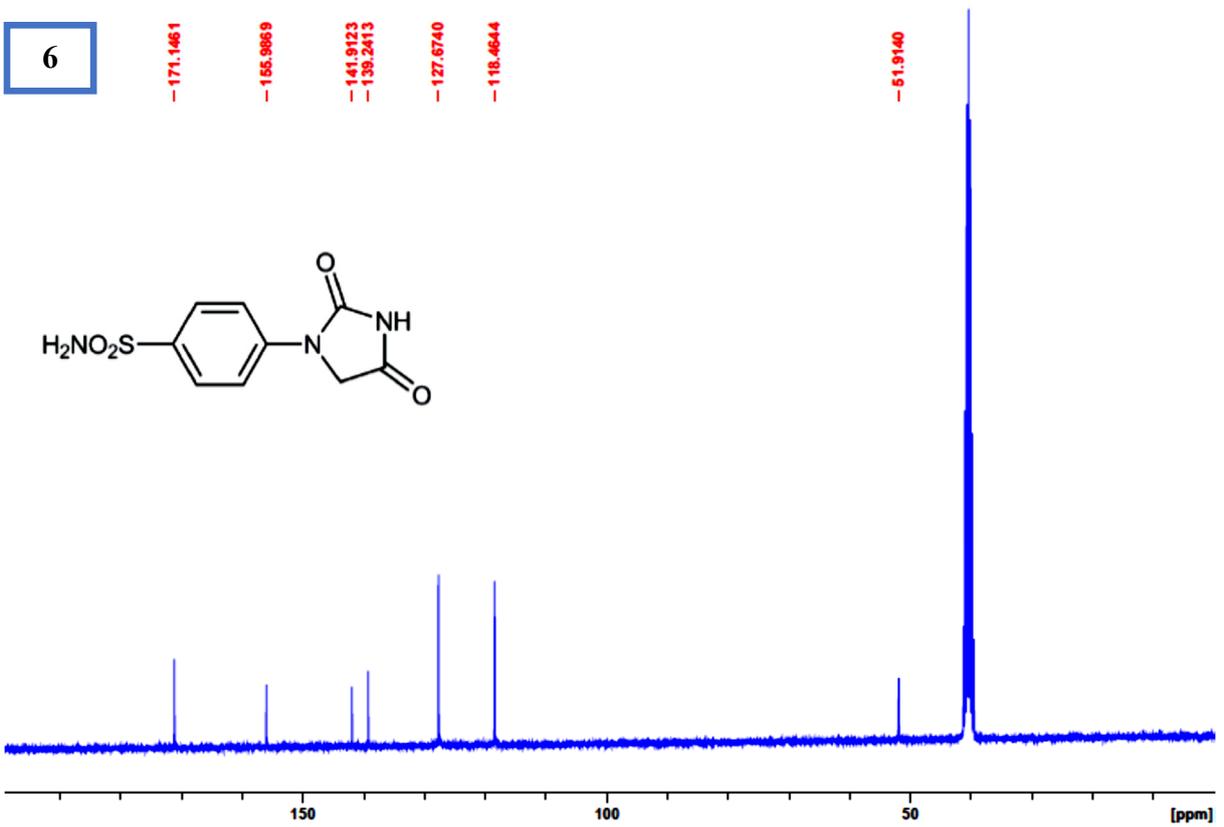
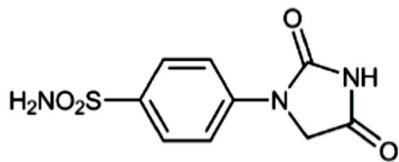
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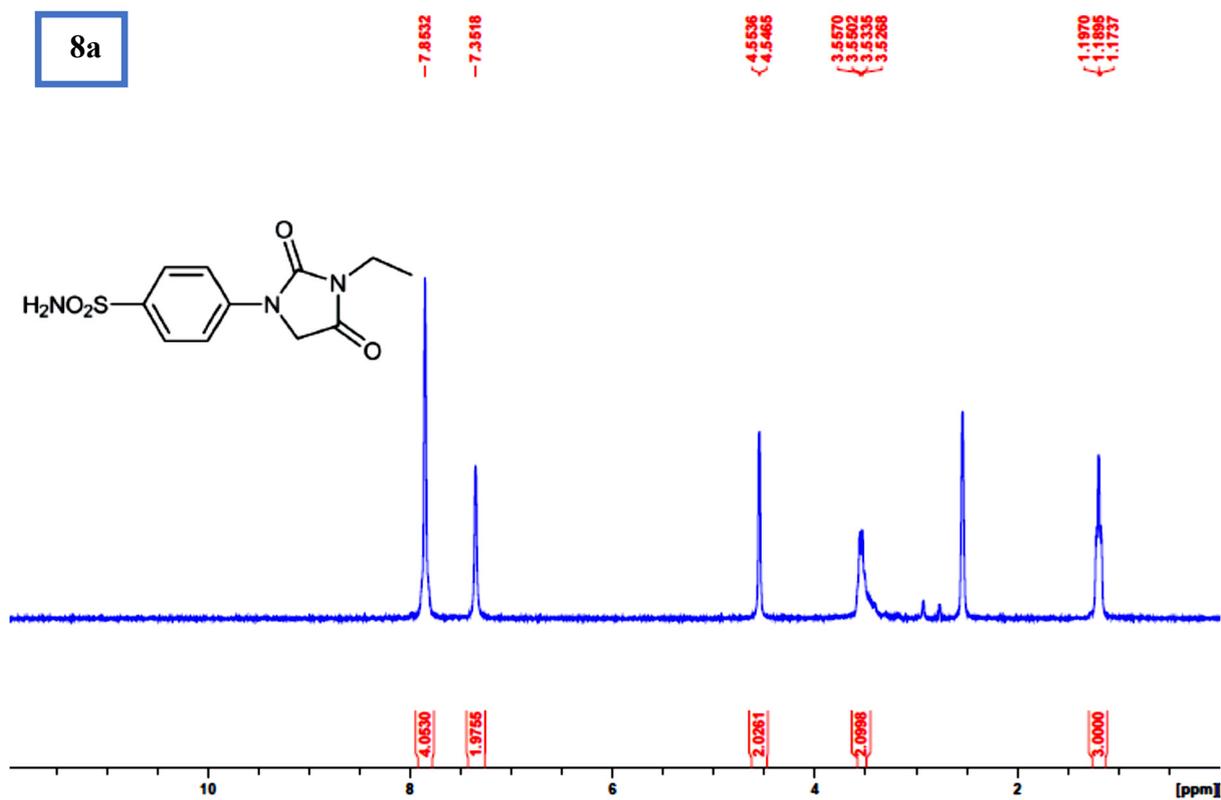
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-51.9140

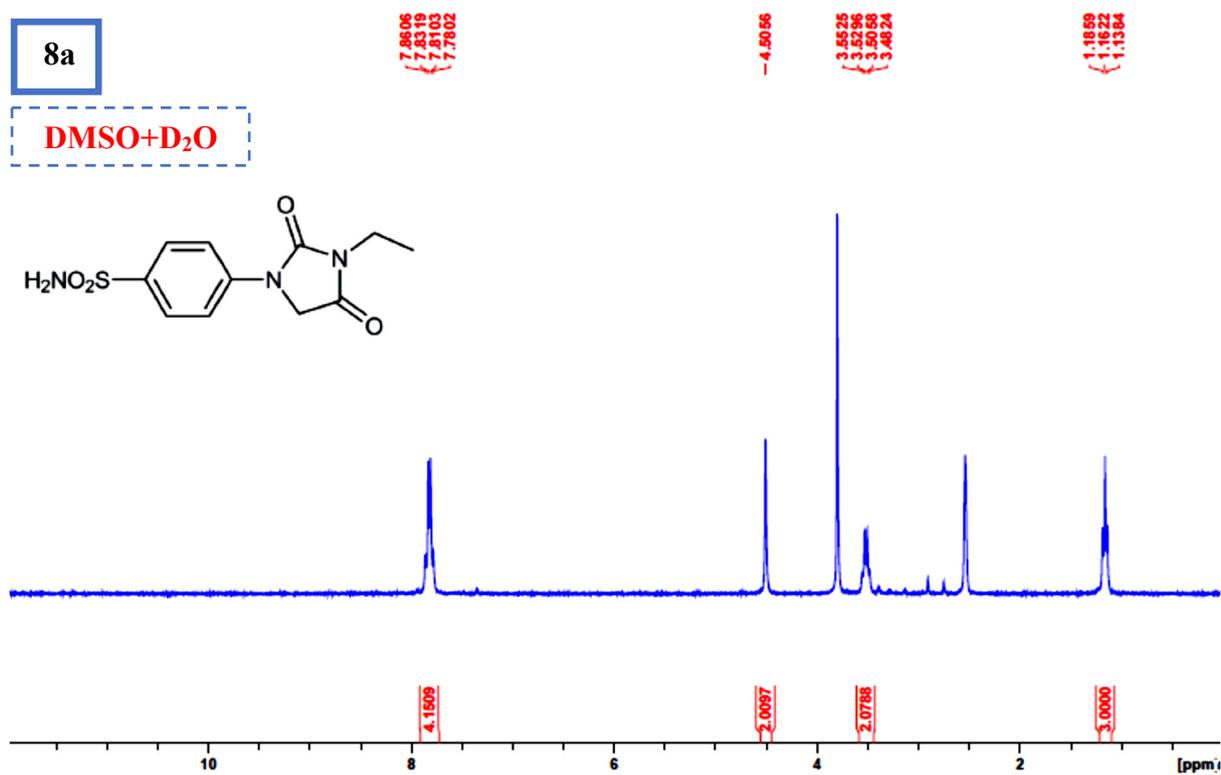


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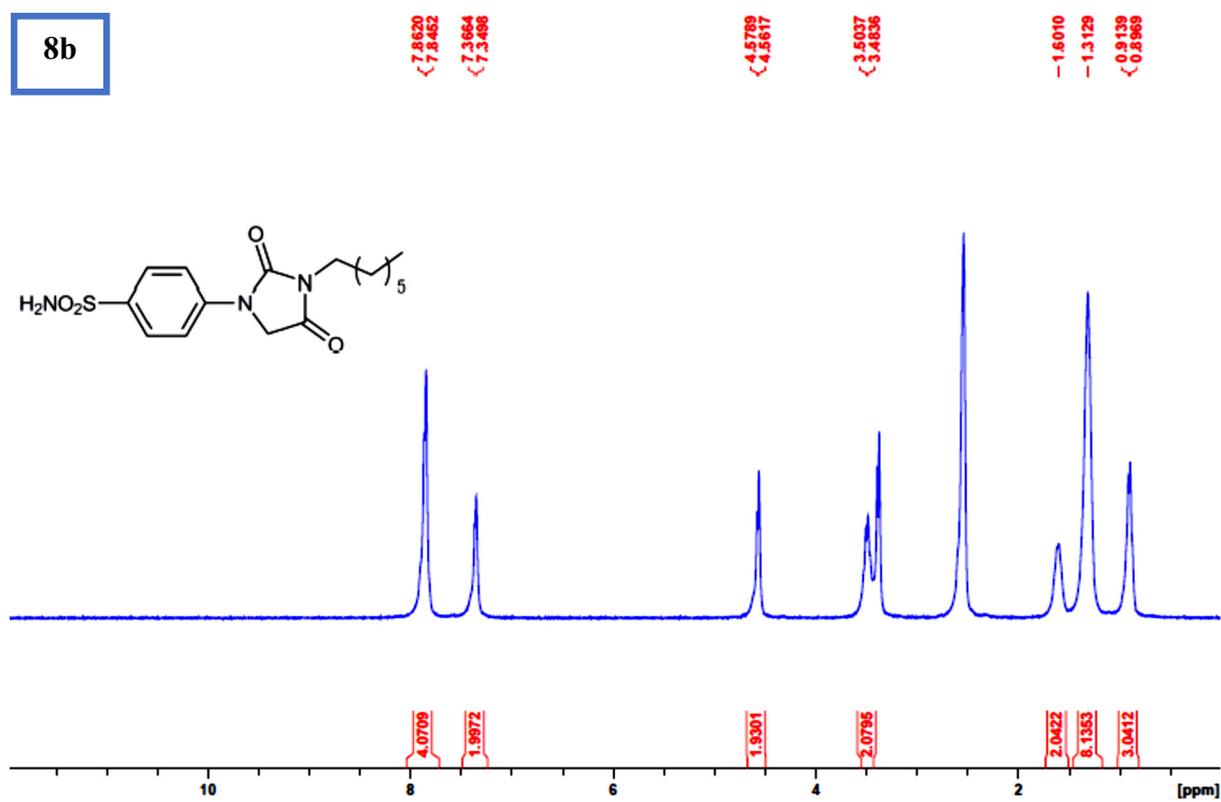
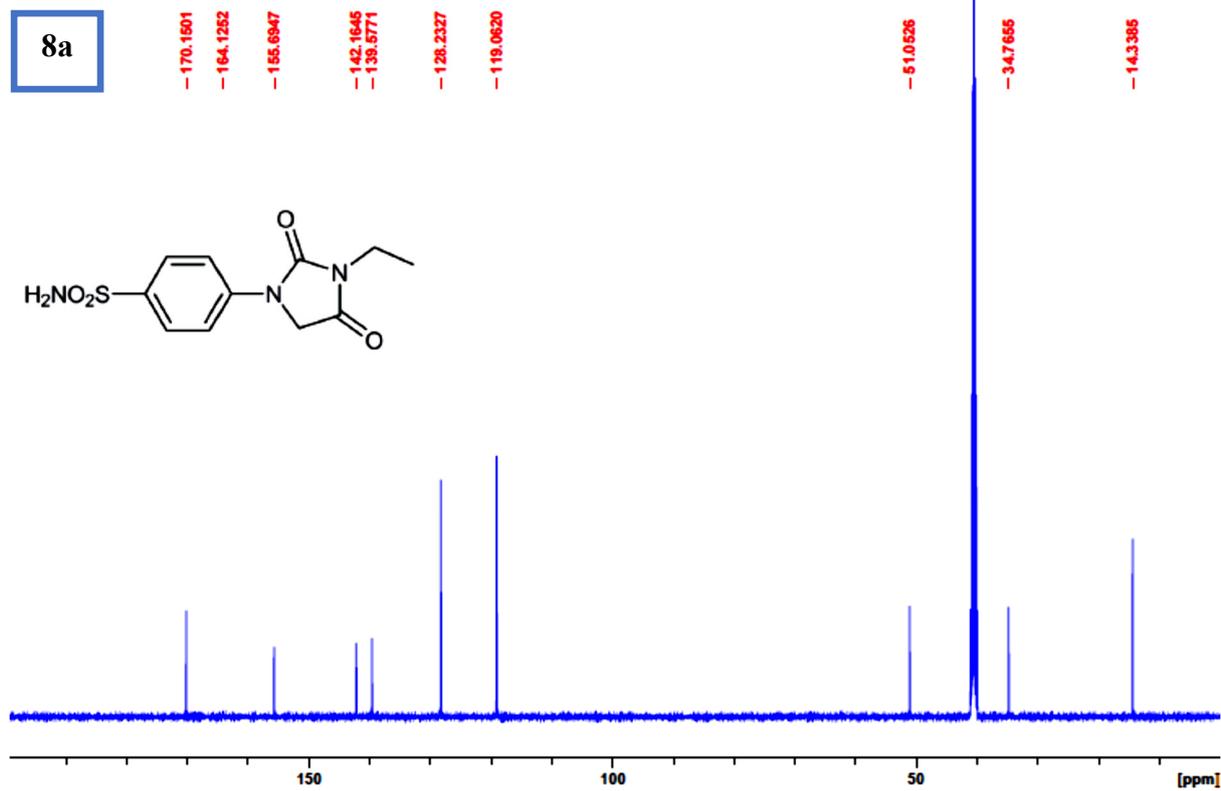


DMSO-D2O

8a



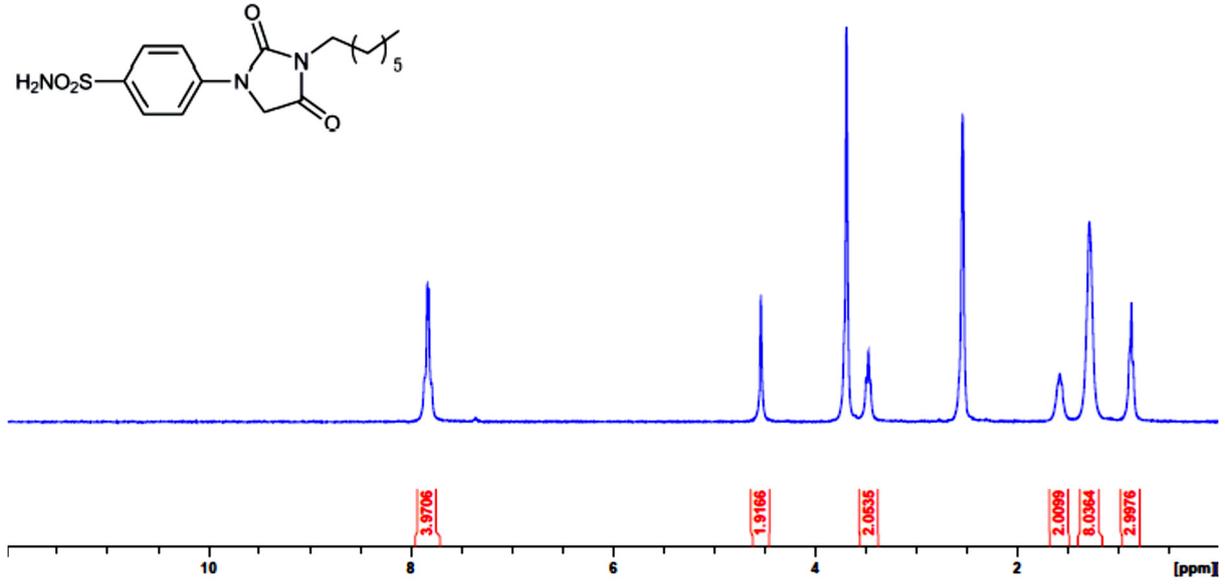
DMSO-d20



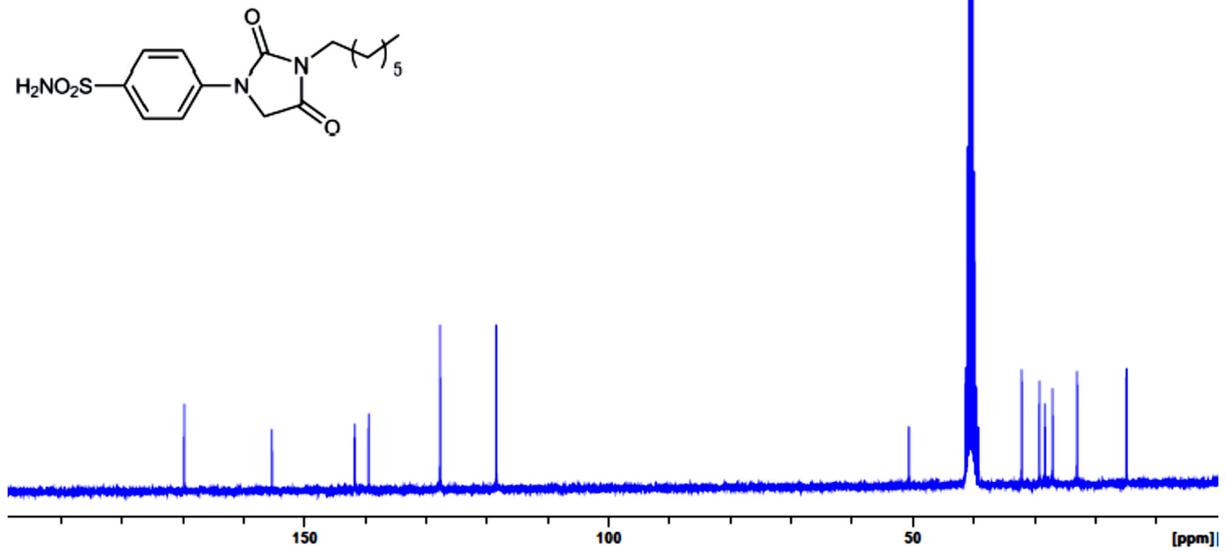
DMSO-D2O

8b

DMSO+D₂O

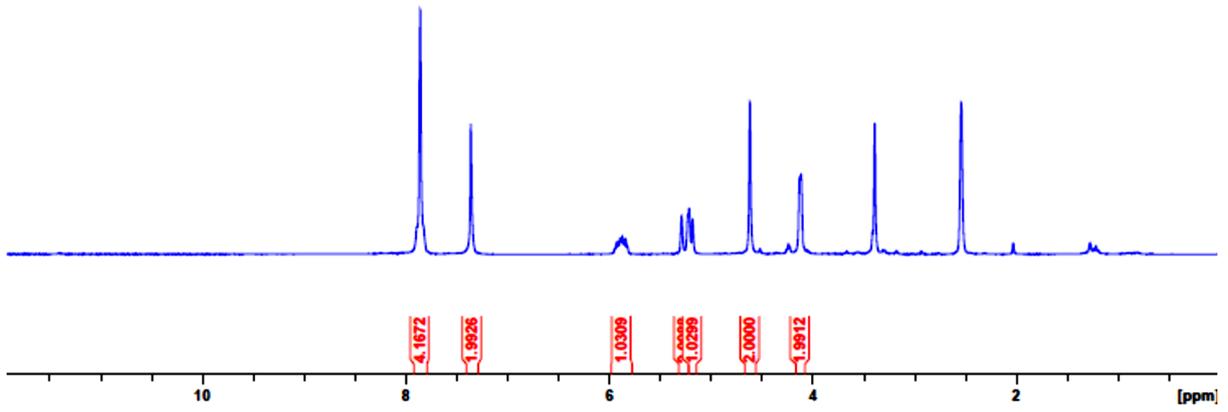
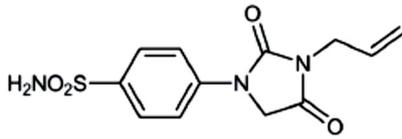


8b



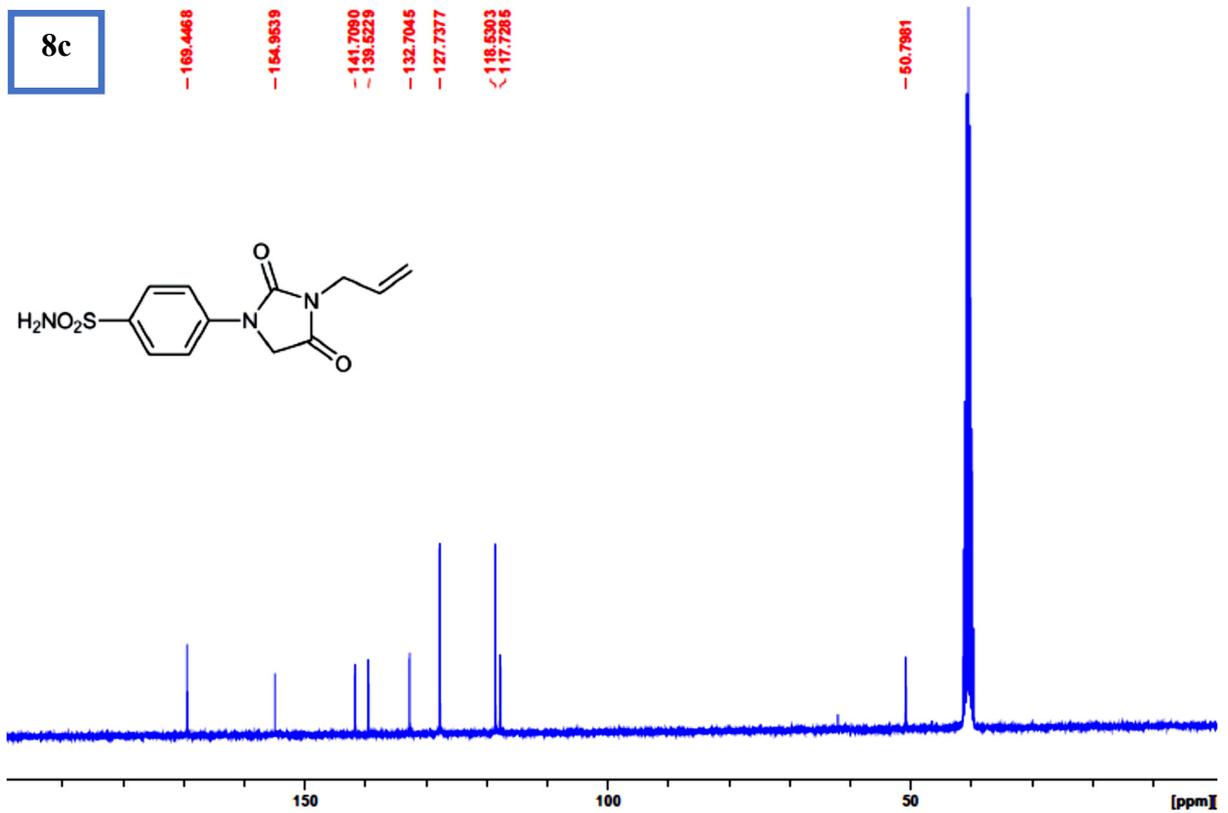
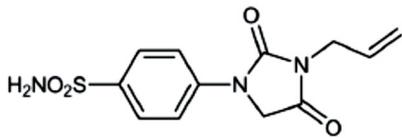
8c

-7.8666
-7.3576
5.9774
5.9710
5.8985
5.8720
5.8537
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5.2853
M 5.2278
5.2143
5.1785
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4.1281
4.1145

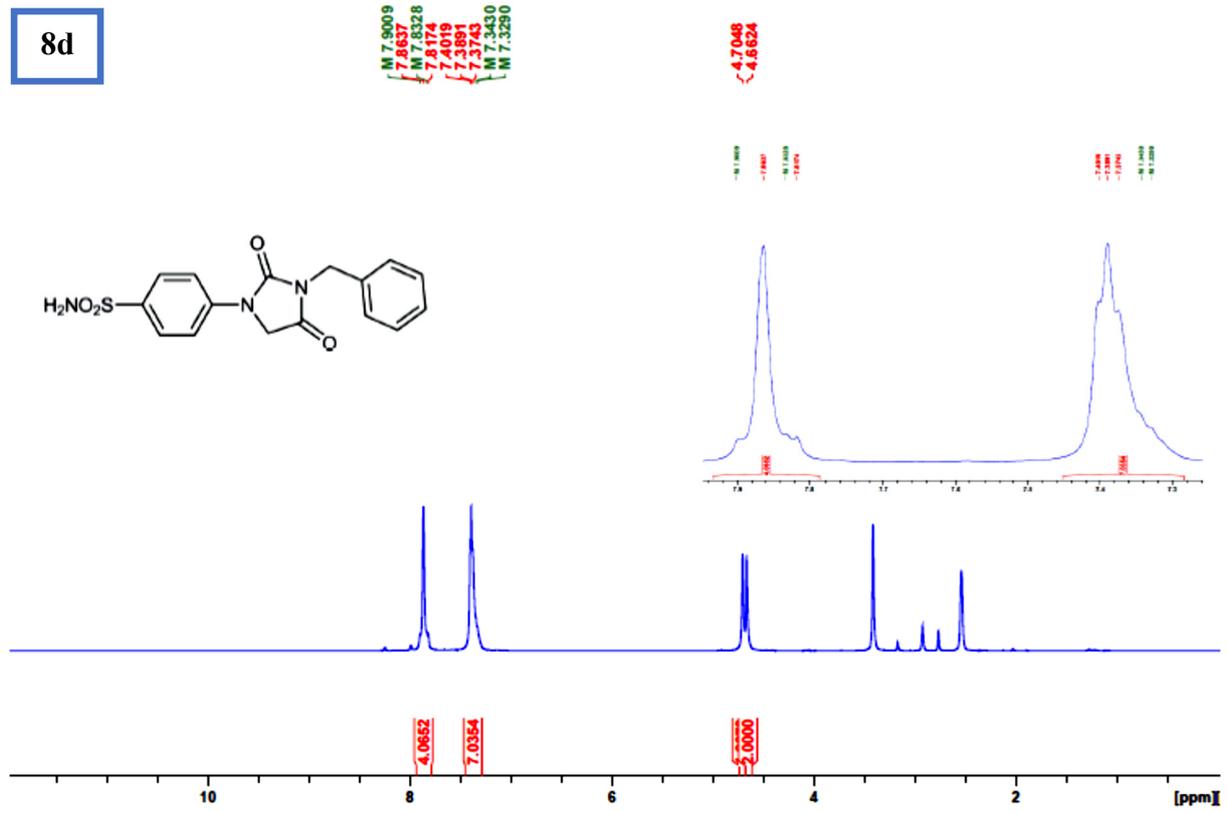


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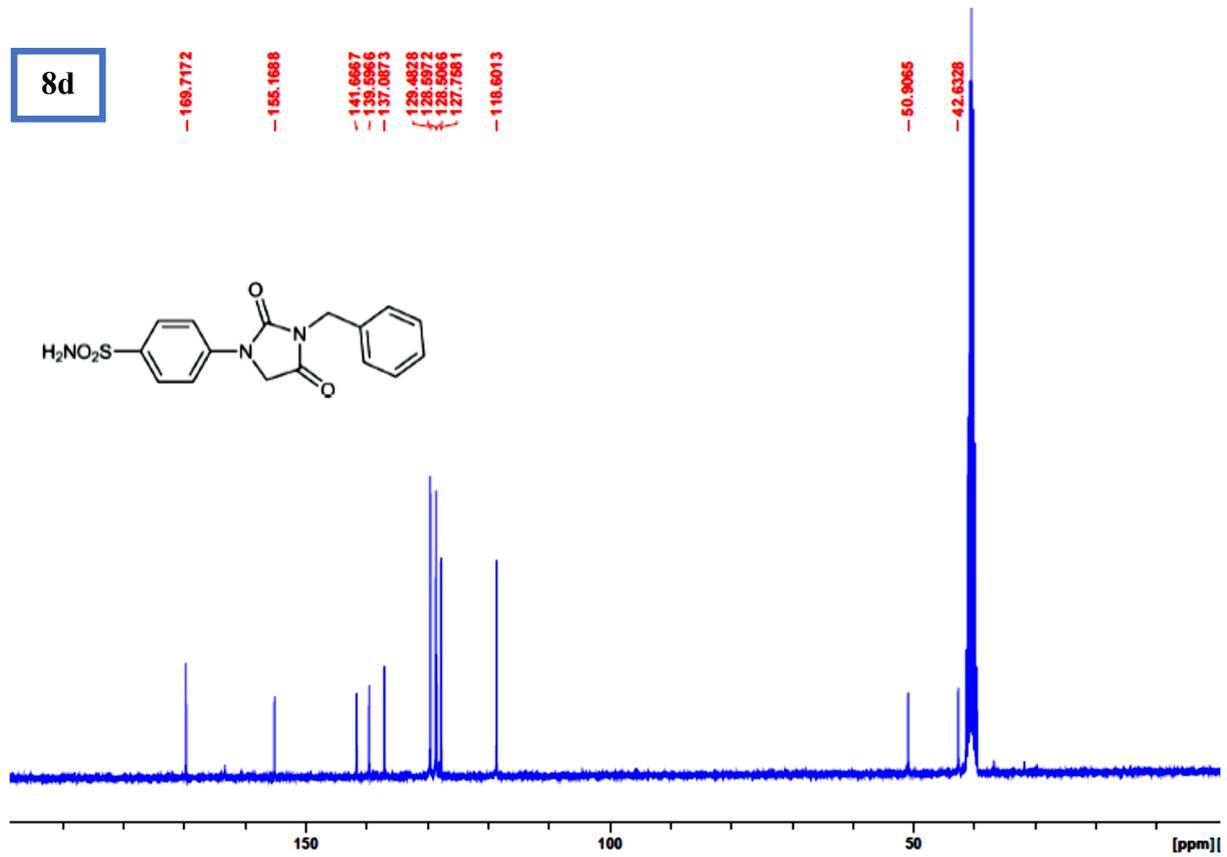
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-127.7377
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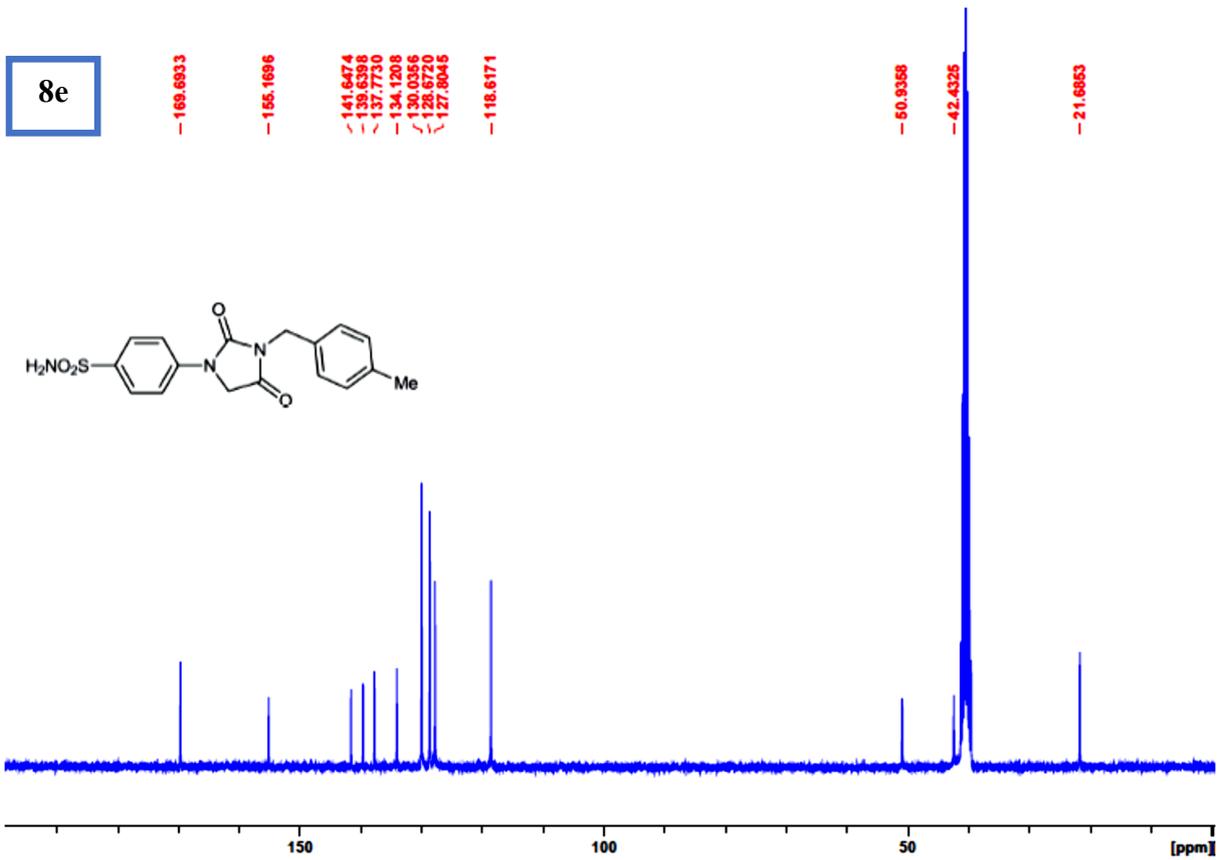
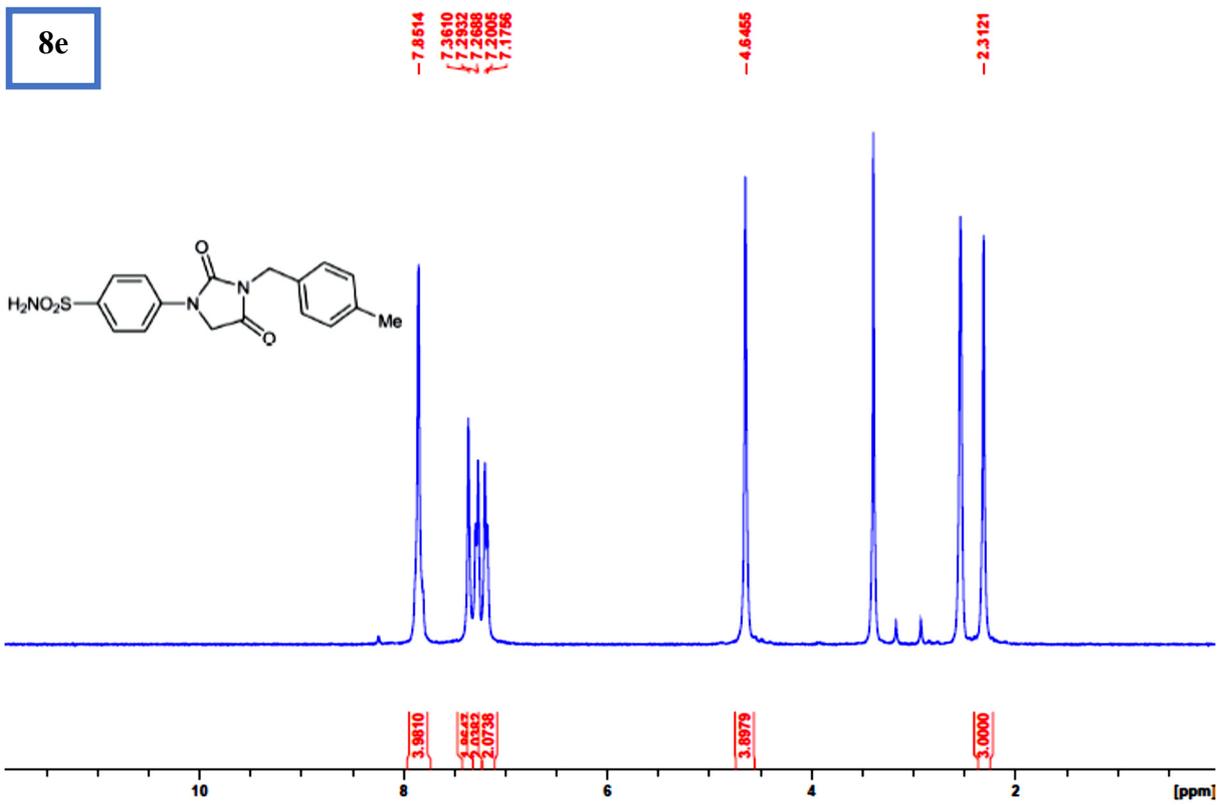


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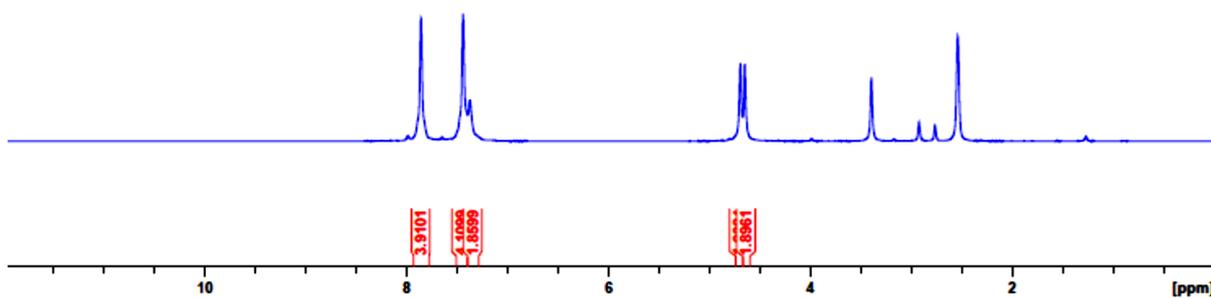
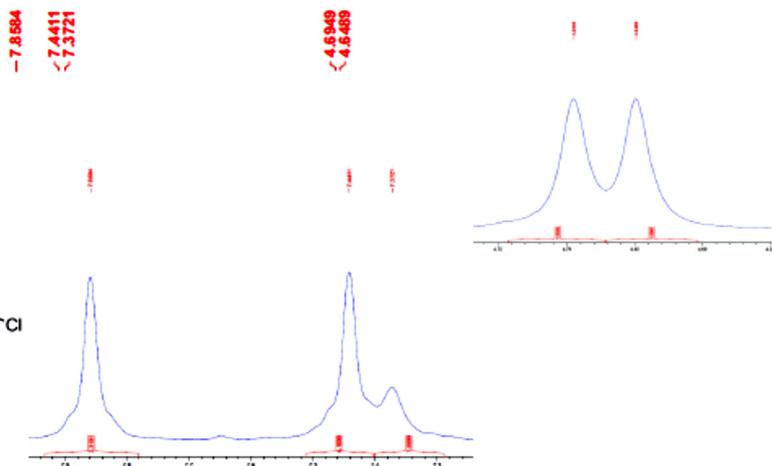
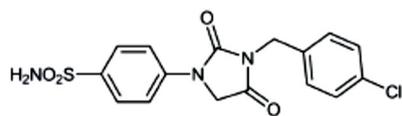


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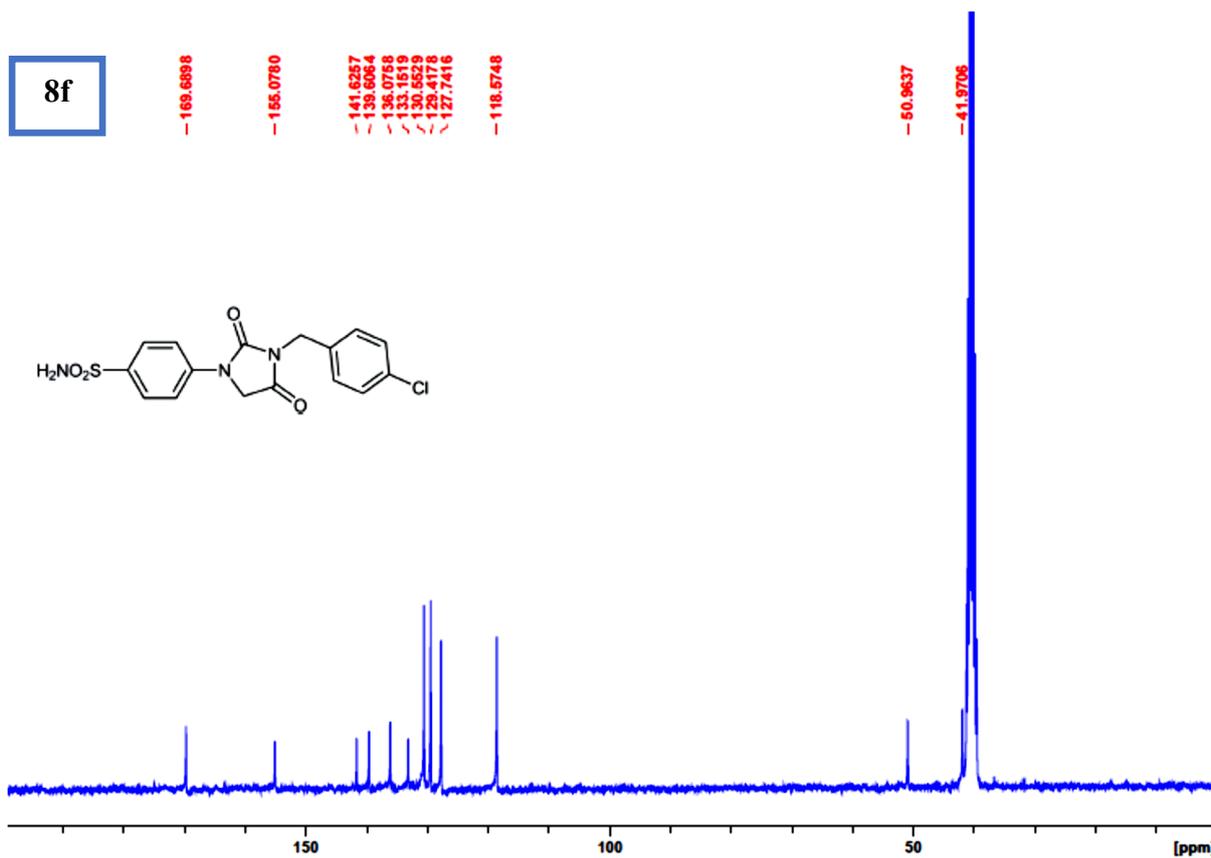
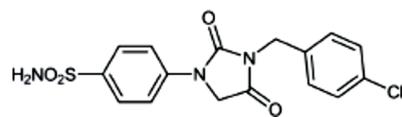




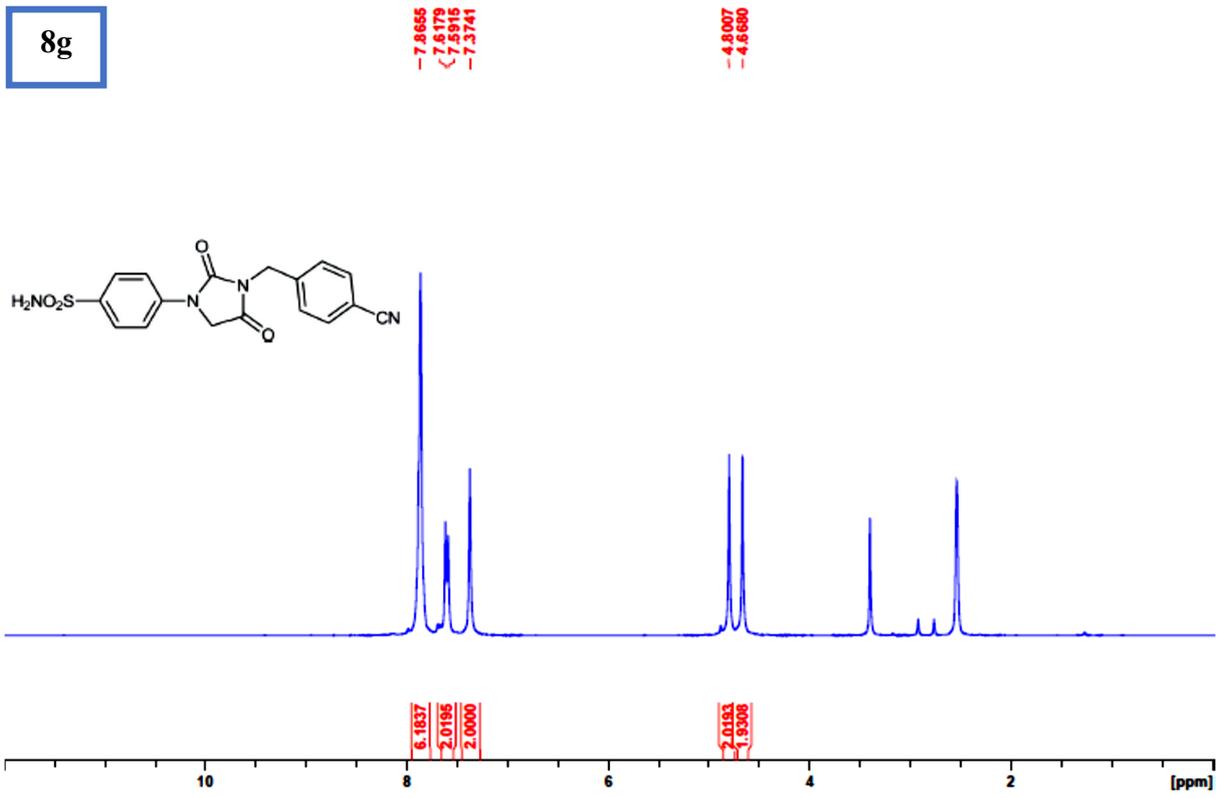
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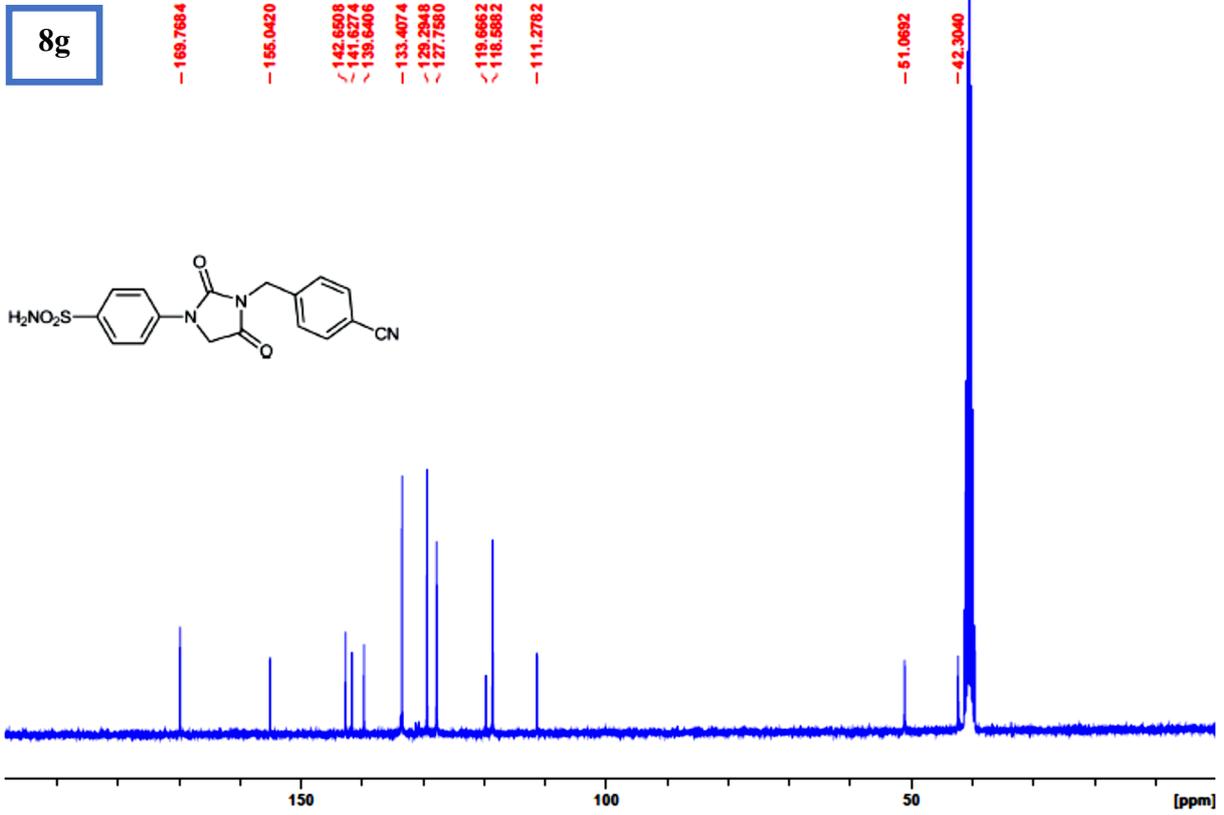
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8g



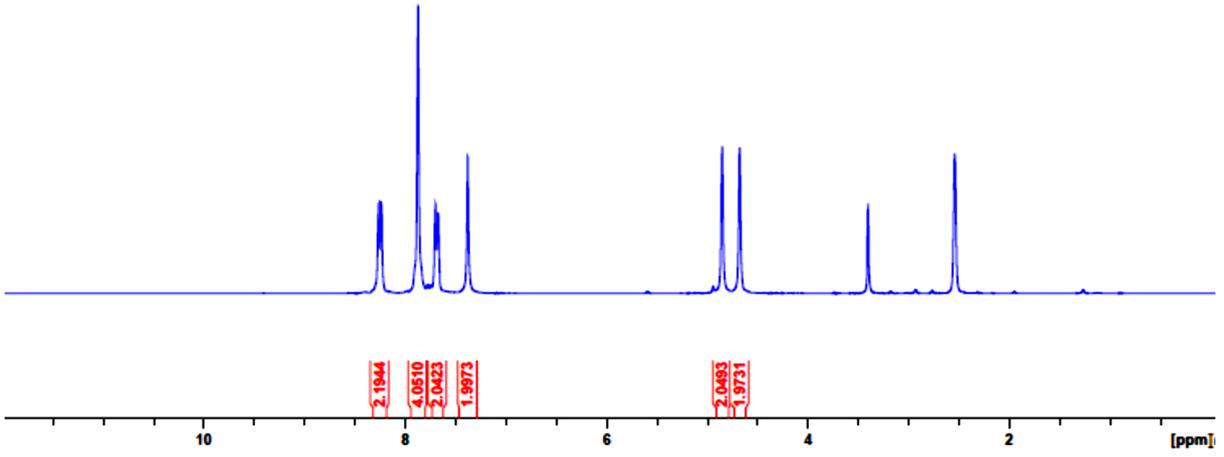
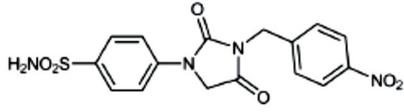
8g



8h

8.2621
8.2385
8.2336
7.8710
7.5982
7.5740
7.3765

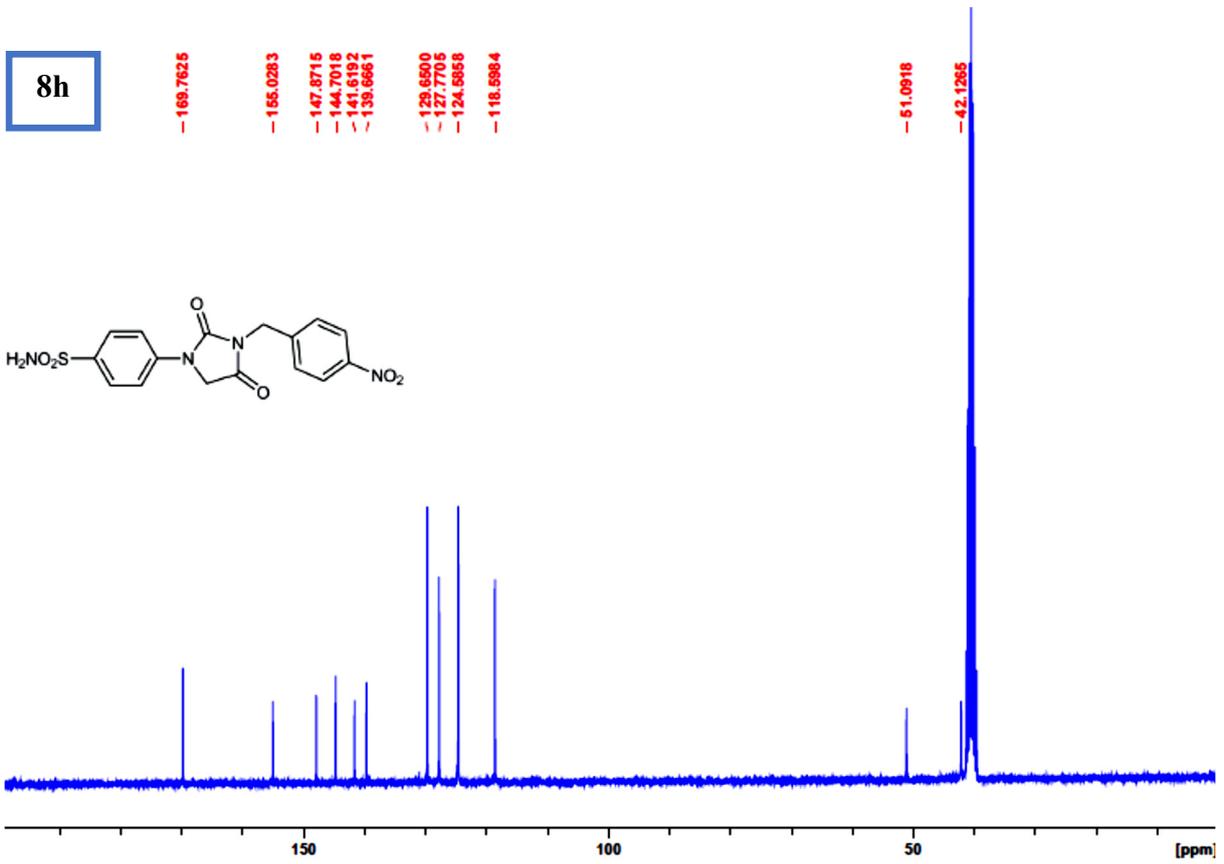
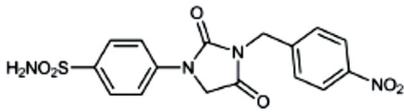
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4.5765



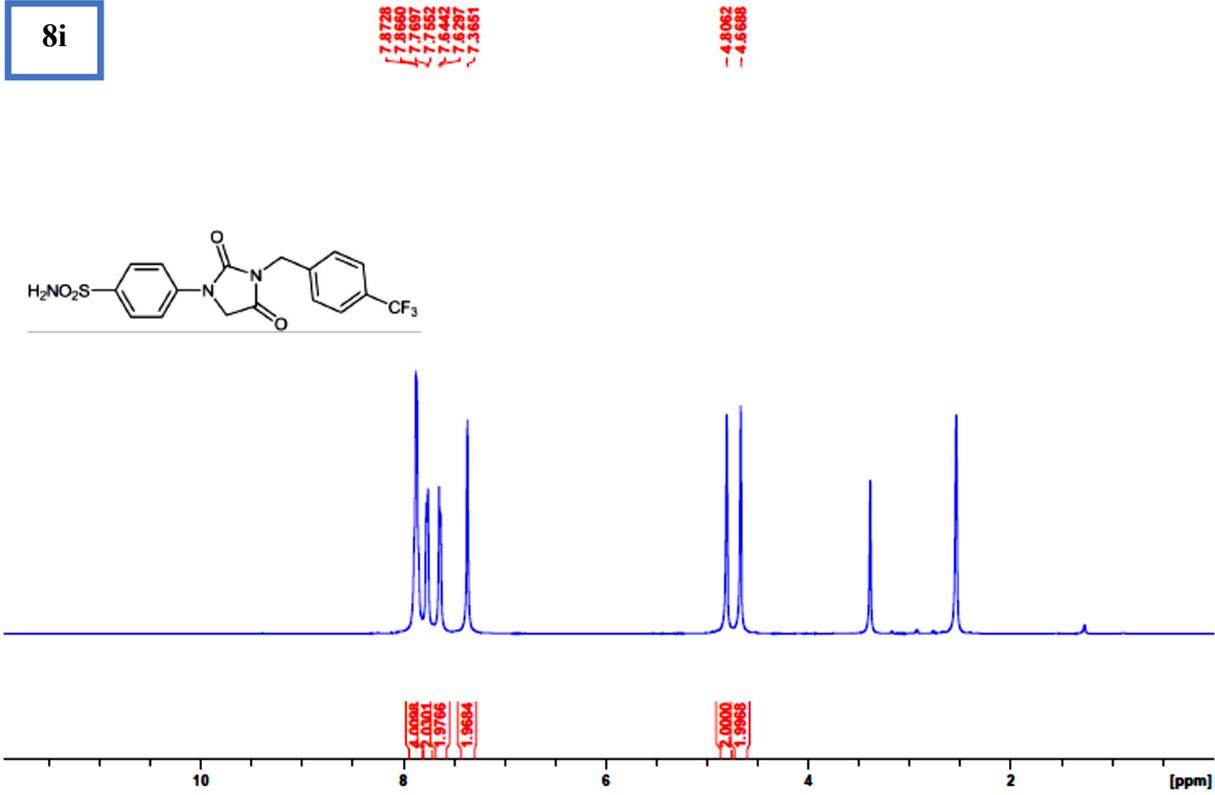
8h

169.7625
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139.5661
129.6900
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124.5858
118.5984

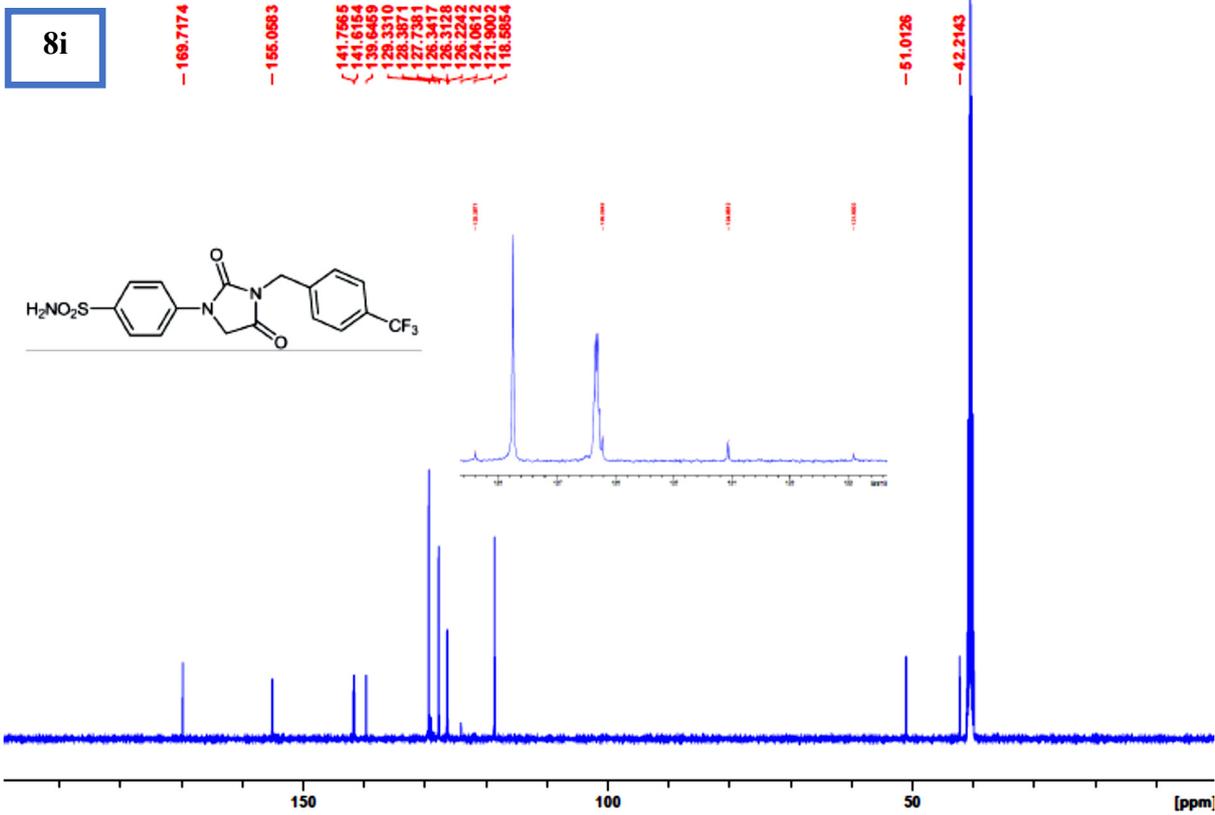
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42.1265



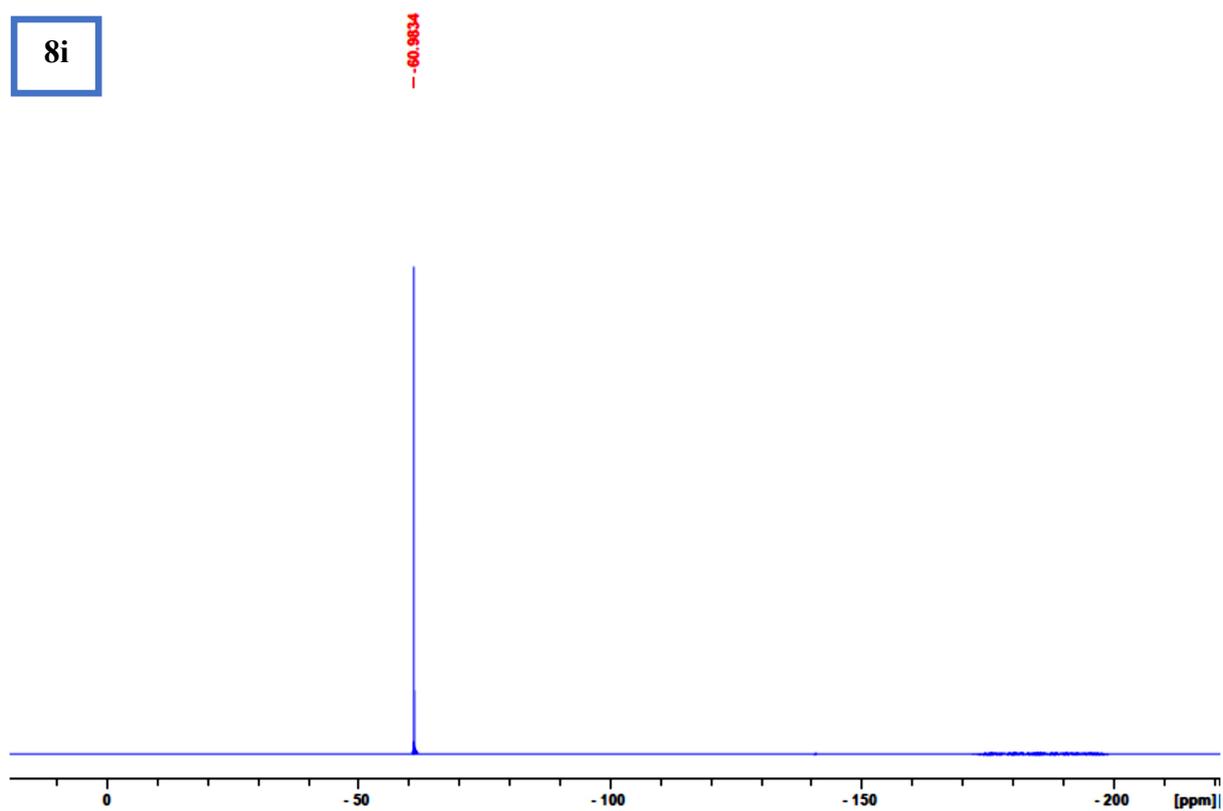
8i



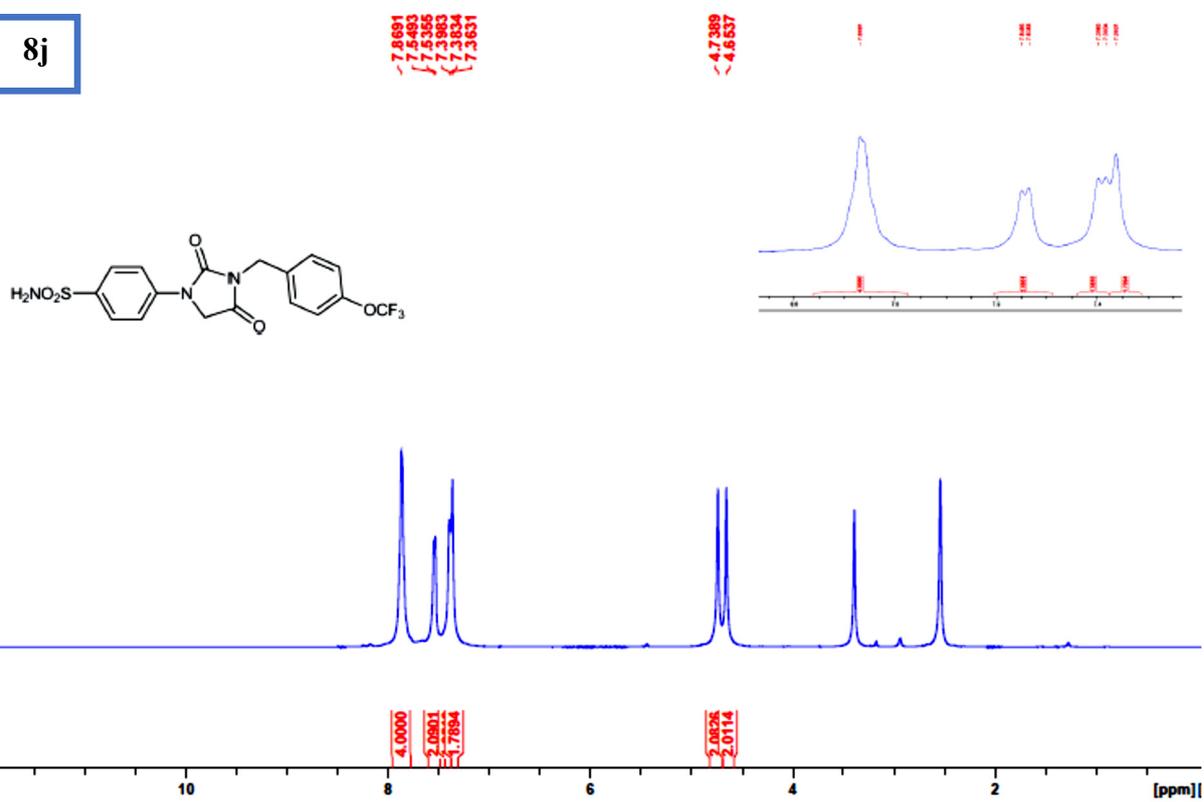
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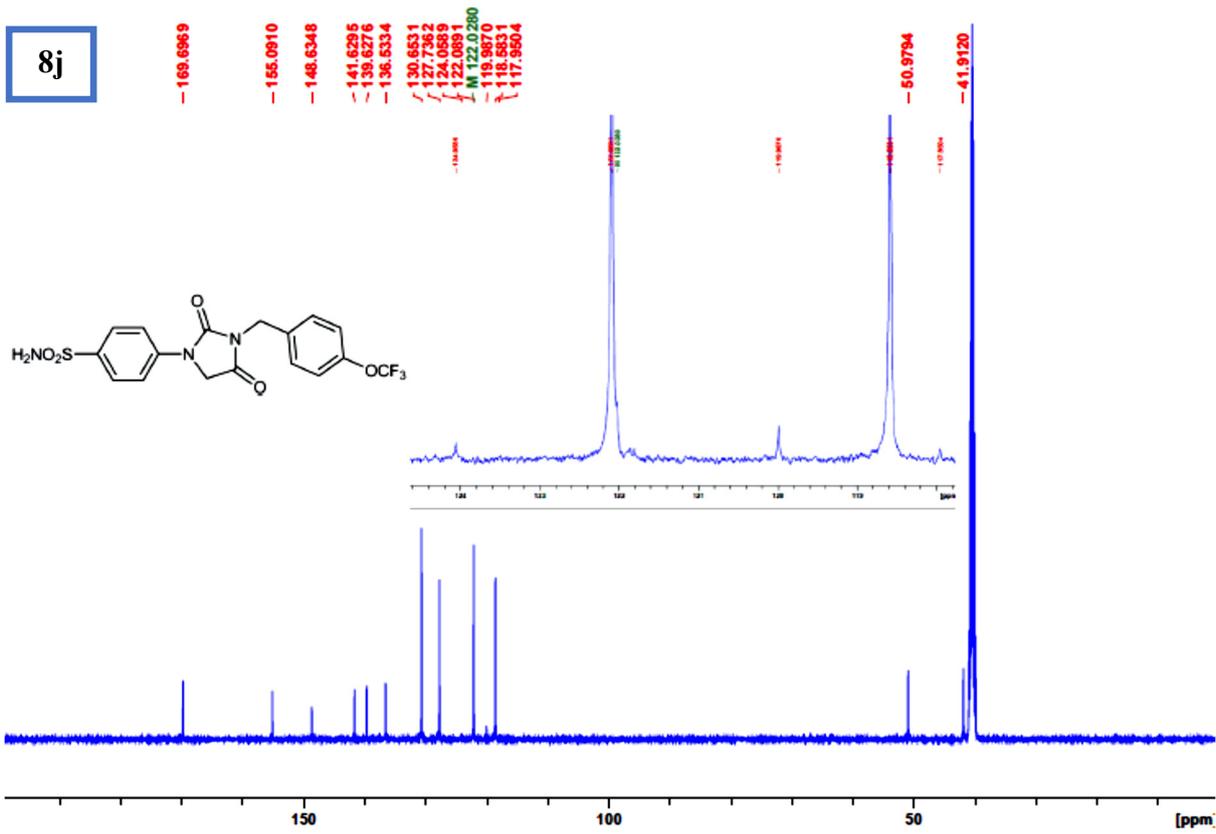
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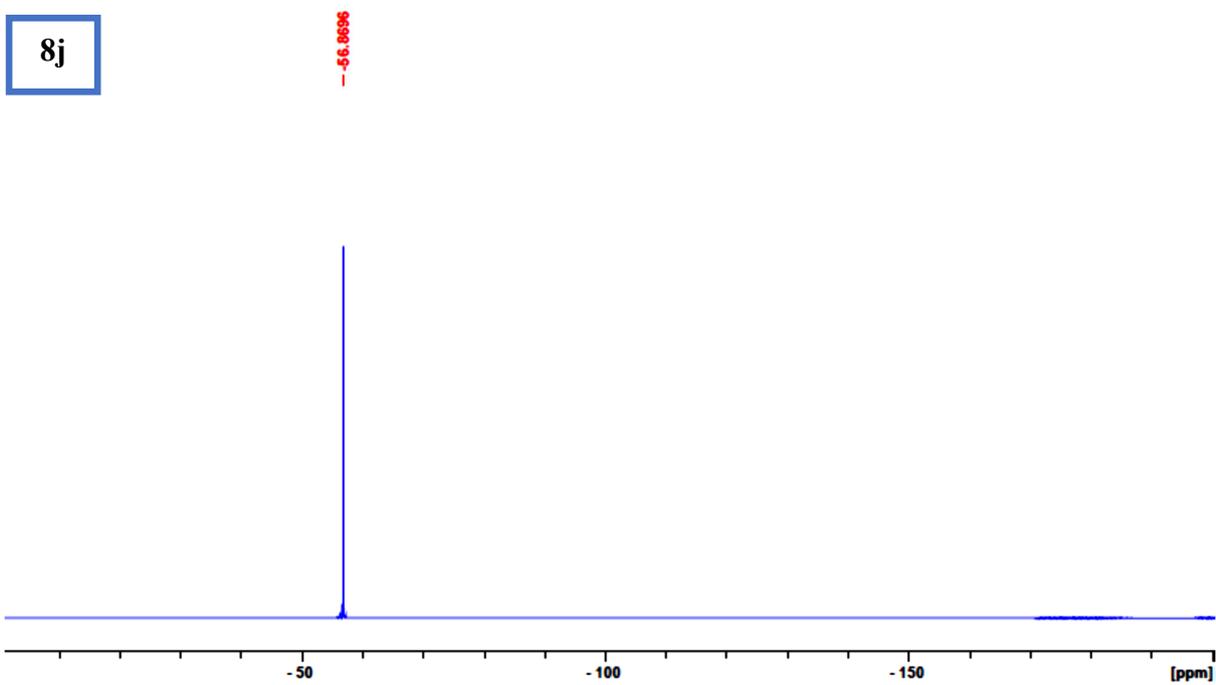
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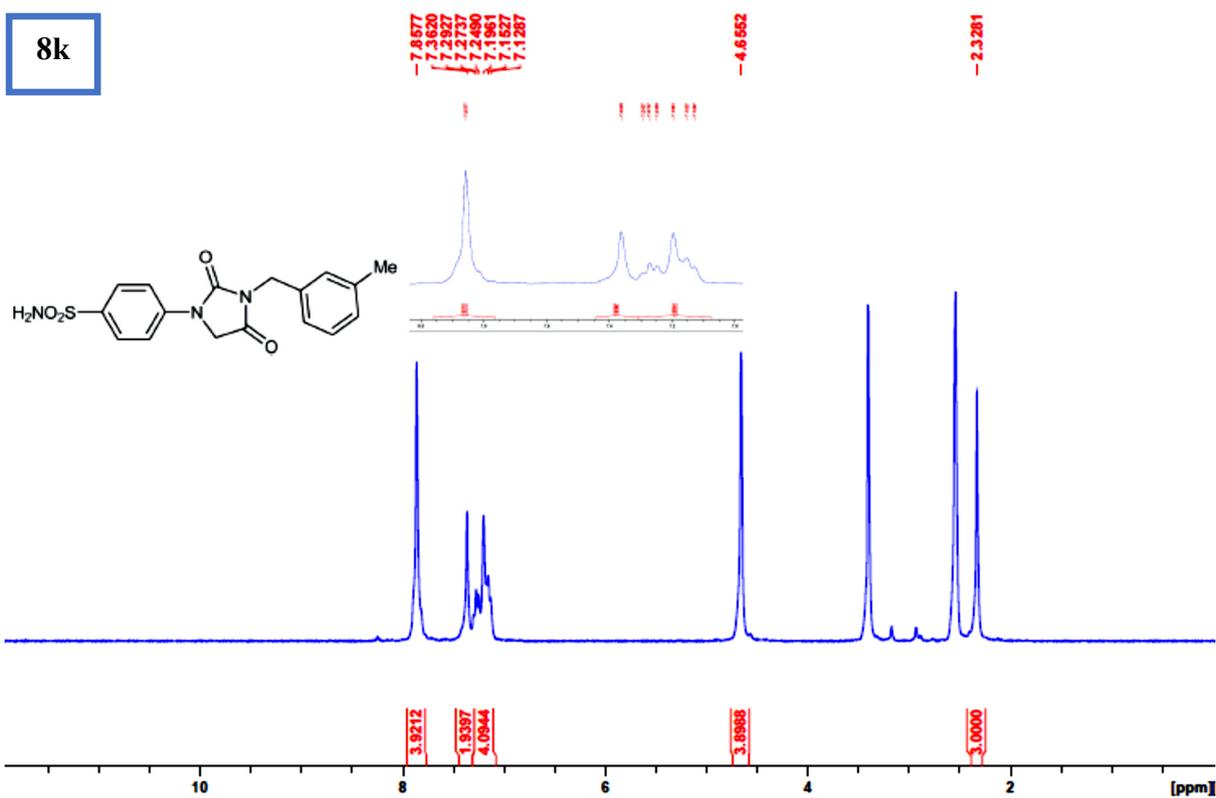
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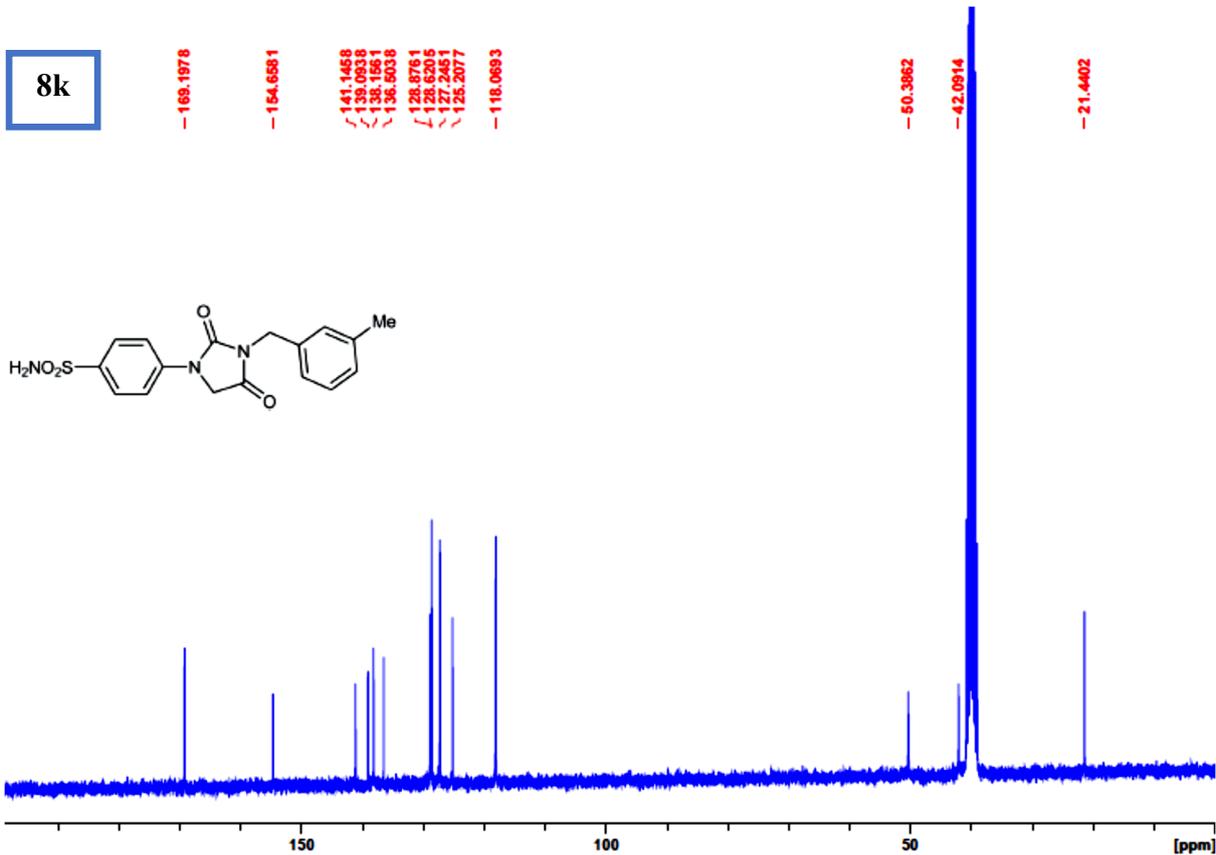
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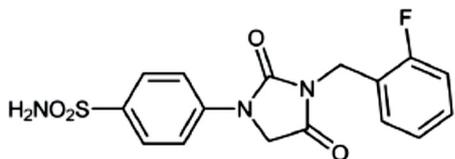
8k



8k



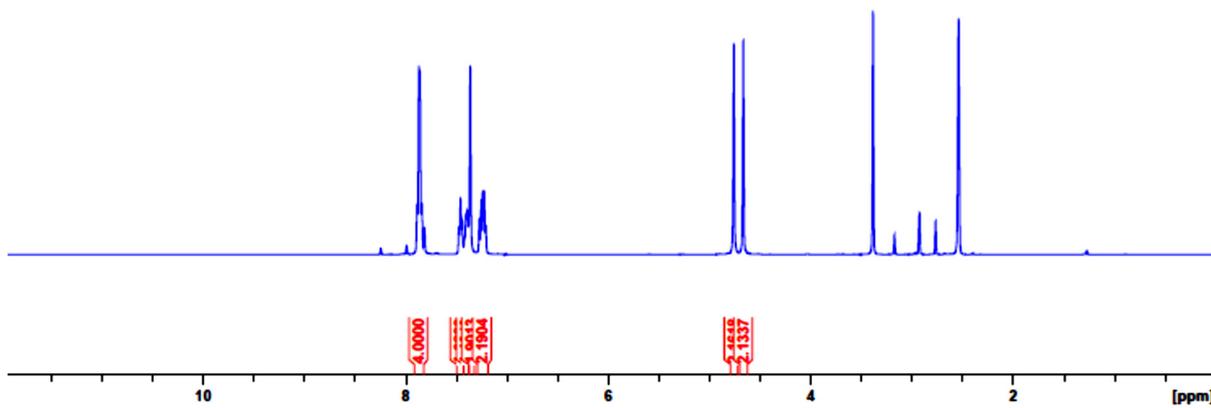
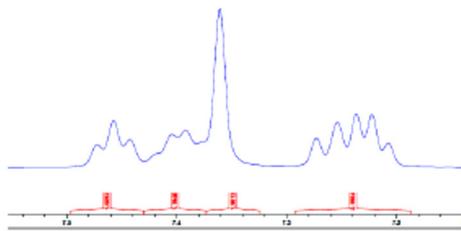
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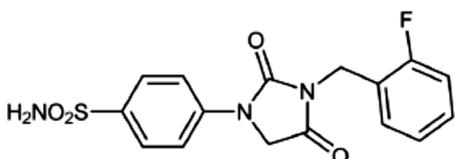
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7.8676
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7.8397
7.4722
7.4574
7.4426
7.4195
7.3916
7.3790
7.3605
7.2727
7.2537
7.2364
7.2222
7.2073

4.7579
4.6670

3.1770
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3.1100
3.0800
3.0500
3.0200
3.0000
2.9700
2.9400
2.9100

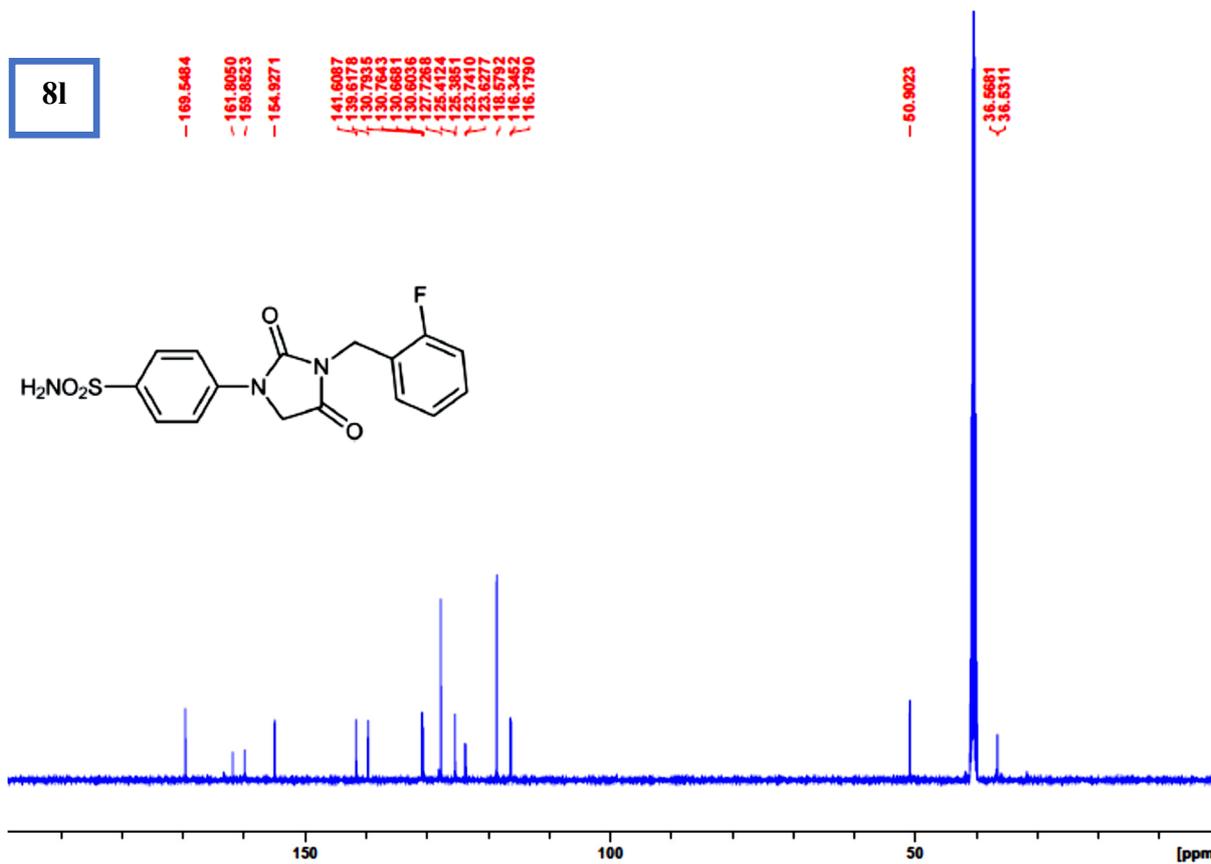


8I

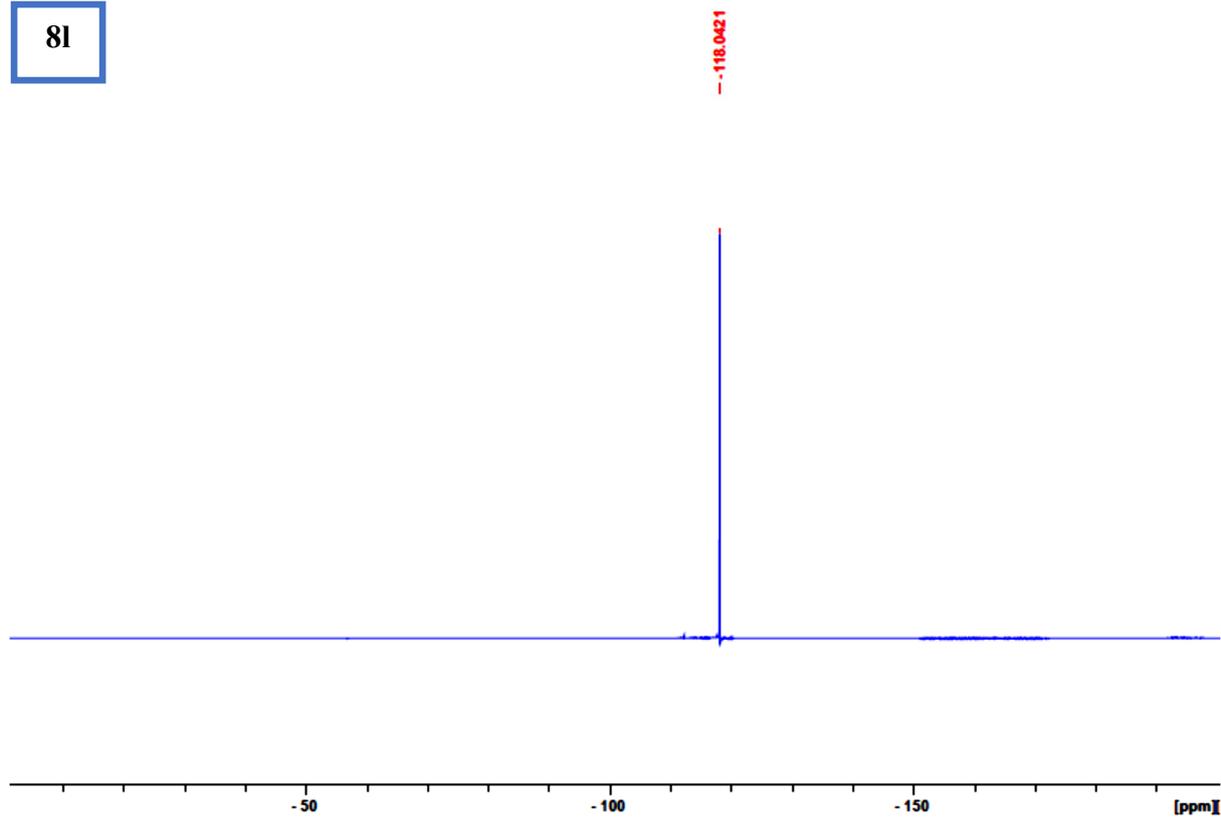


169.5484
161.8050
160.8523
154.9271
141.6087
139.6178
130.7935
130.7543
130.6681
130.6036
127.7268
126.4124
125.7897
123.7897
123.5277
118.5792
116.3452
116.1790

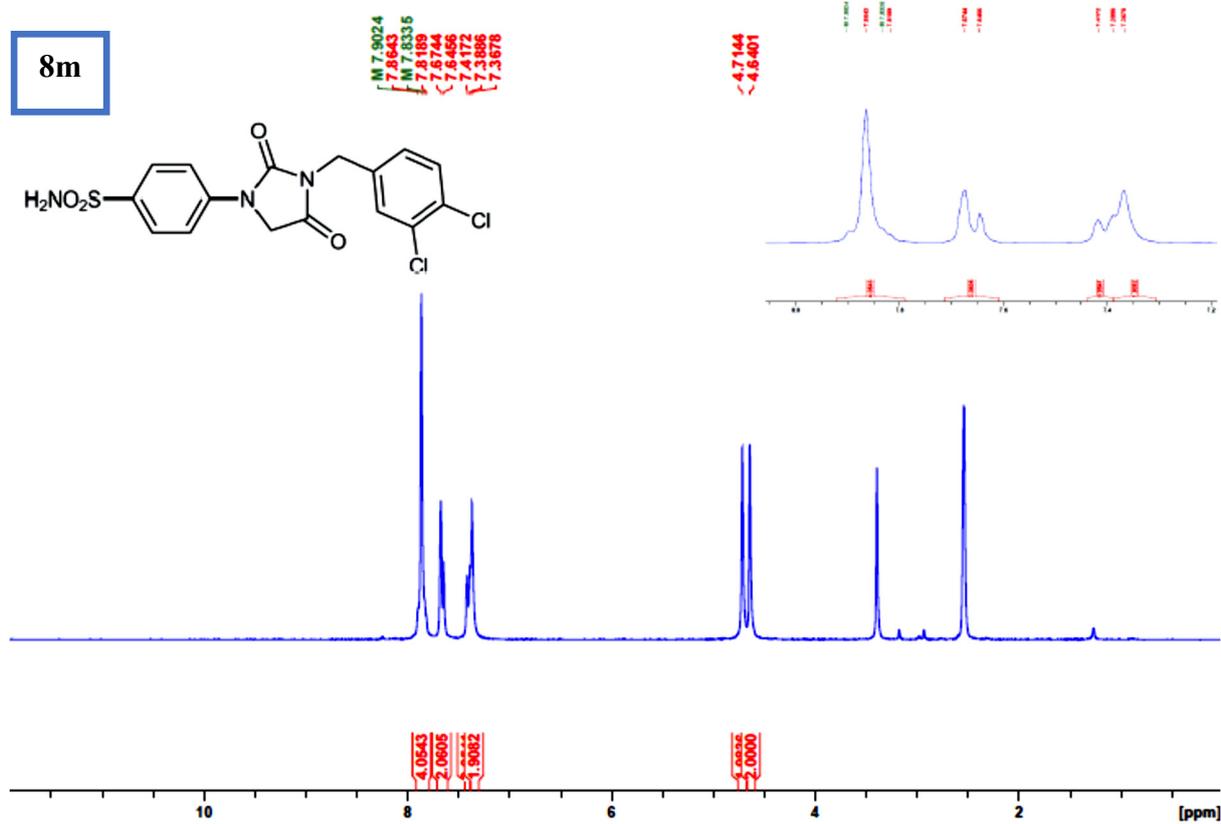
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36.5681
36.5311



8l

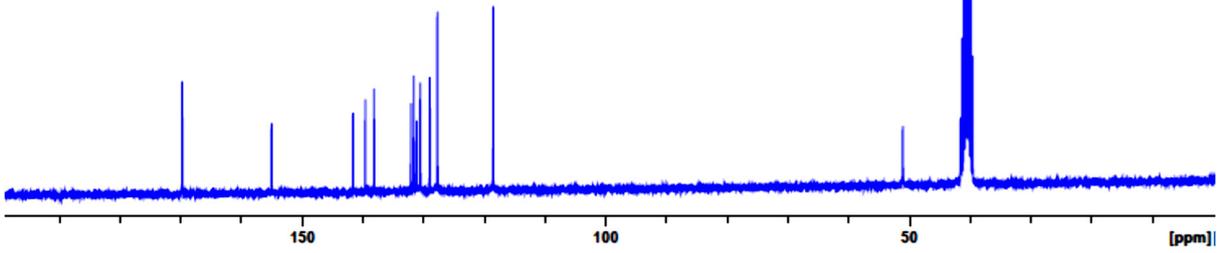
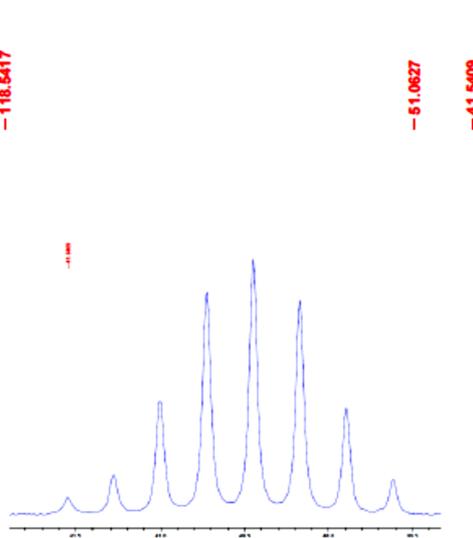
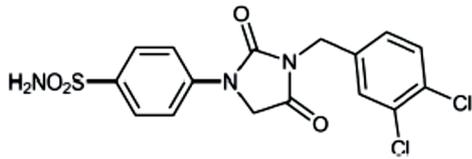


8m



8m

-169.7512
-155.0407
141.6427
139.6056
138.1551
132.0524
131.5590
131.1405
130.5562
128.9645
127.7481
-118.5417



8n

7.8697
7.8529
7.8302
7.8135
-7.3505
-4.8136
-4.5999

