Electronic Supplementary Material (ESI) for CrystEngComm.

Triazine-based molecular glasses as sedatives to the crystallization of barbiturates

Supporting Information

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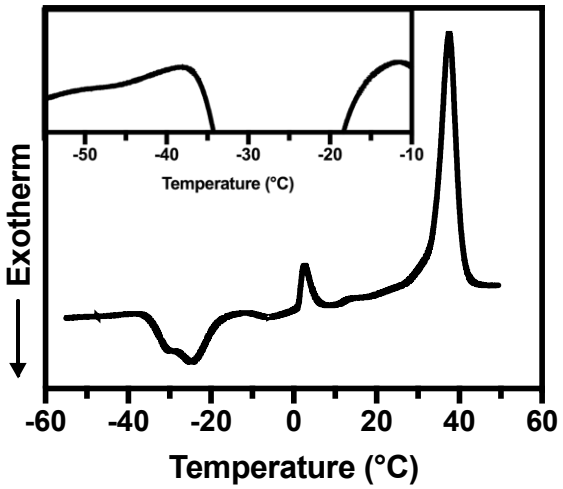


Figure S1. DSC trace for $\mathbf{B_{NMe}}$ (heating run after quenching its melt using liquid nitrogen). The inset highlights the weak T_g around -42 °C.

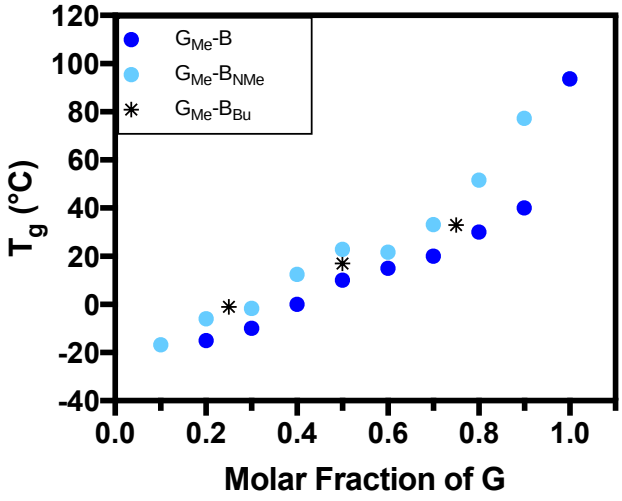


Figure S2. T_g of the $\mathbf{G_{Me}}$-**B**, -$\mathbf{B_{NMe}}$, or -$\mathbf{B_{Bu}}$ blends as a function of their molecular glass composition.

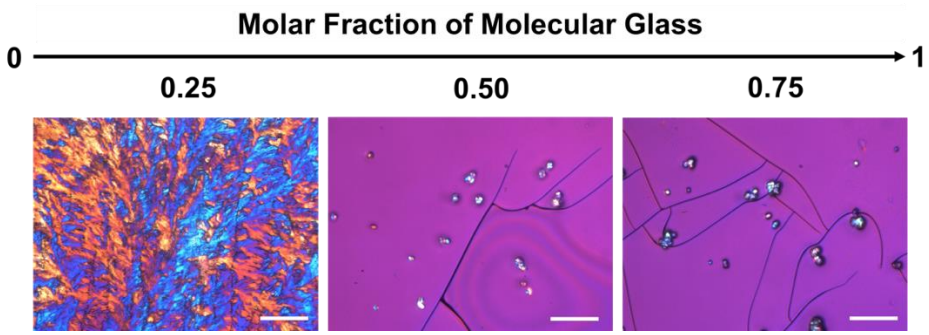
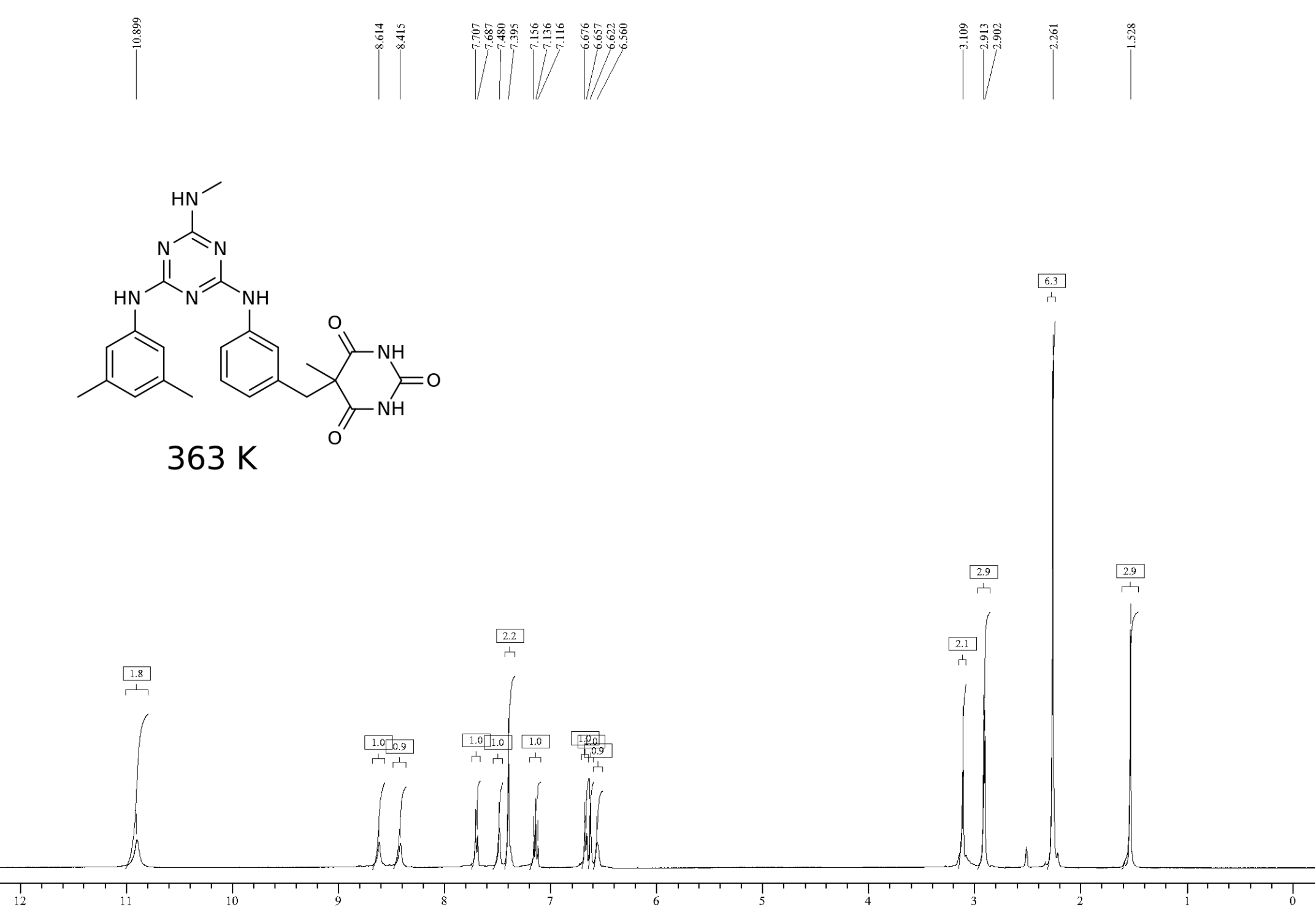


Figure S3. Polarized optical microscope images of blends of $\mathbf{G_{Me}}$-$\mathbf{B_{Bu}}$. Scale bars correspond to 100 μm.

NMR Spectra of GB and GB_{NMe}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6.560
3.109
2.913
2.902
2.261
1.528
HN
N
N
HN
N
NH
O
NH
O
NH
O
363 K
1.8
1.0
0.9
1.0
1.0
2.2
1.0
1.0
0.9
2.1
2.9
6.3
2.9
12
11
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8
7
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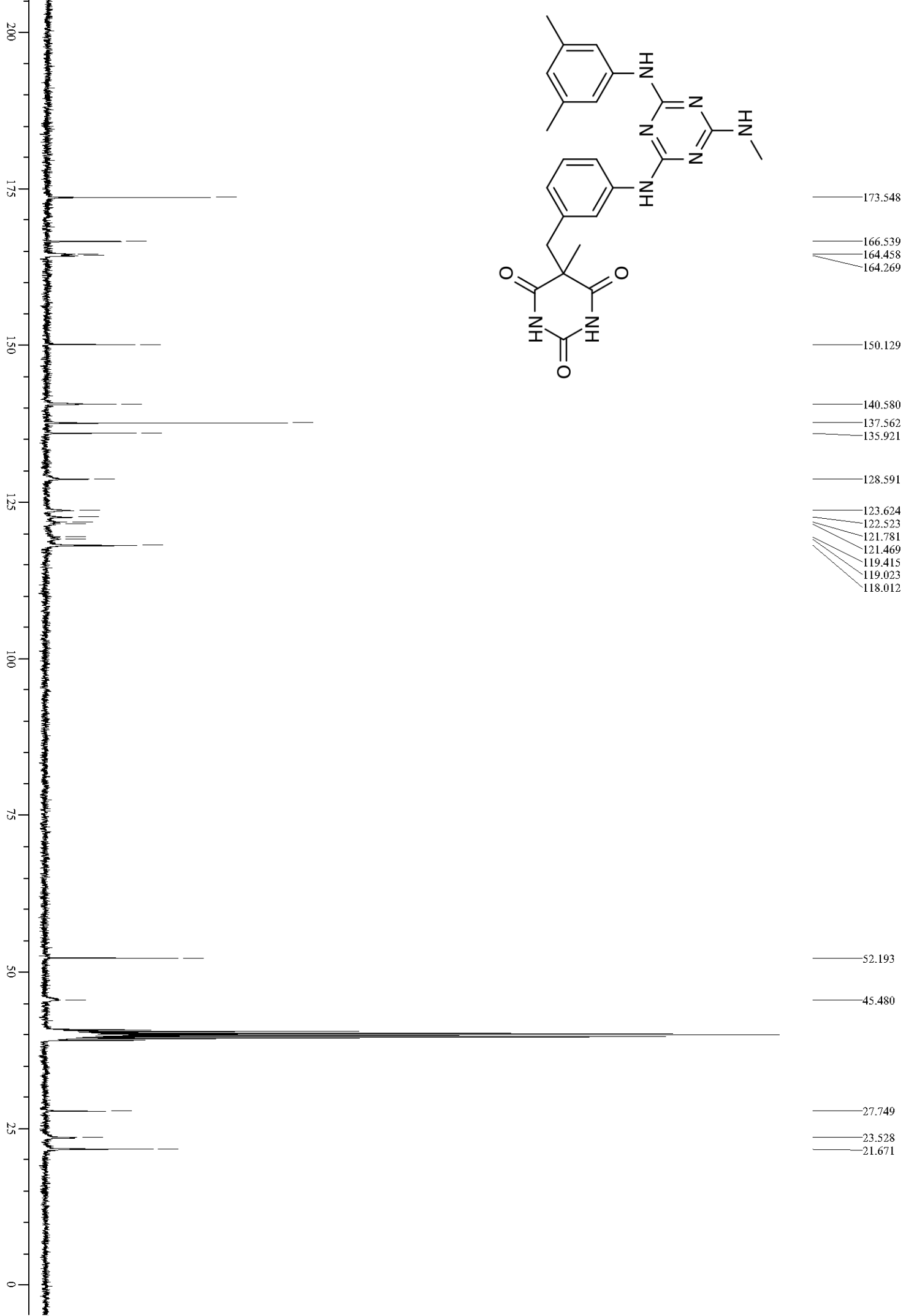
1
0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125
100
75
50
25
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128.591
123.624
122.523
121.781
121.469
119.415
119.023
118.012
52.193
45.480
27.749
23.528
21.671

363 K
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8.391
7.734
7.713
7.431
7.385
7.138
7.119
7.098
6.626
6.548
6.521
6.502
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3.015
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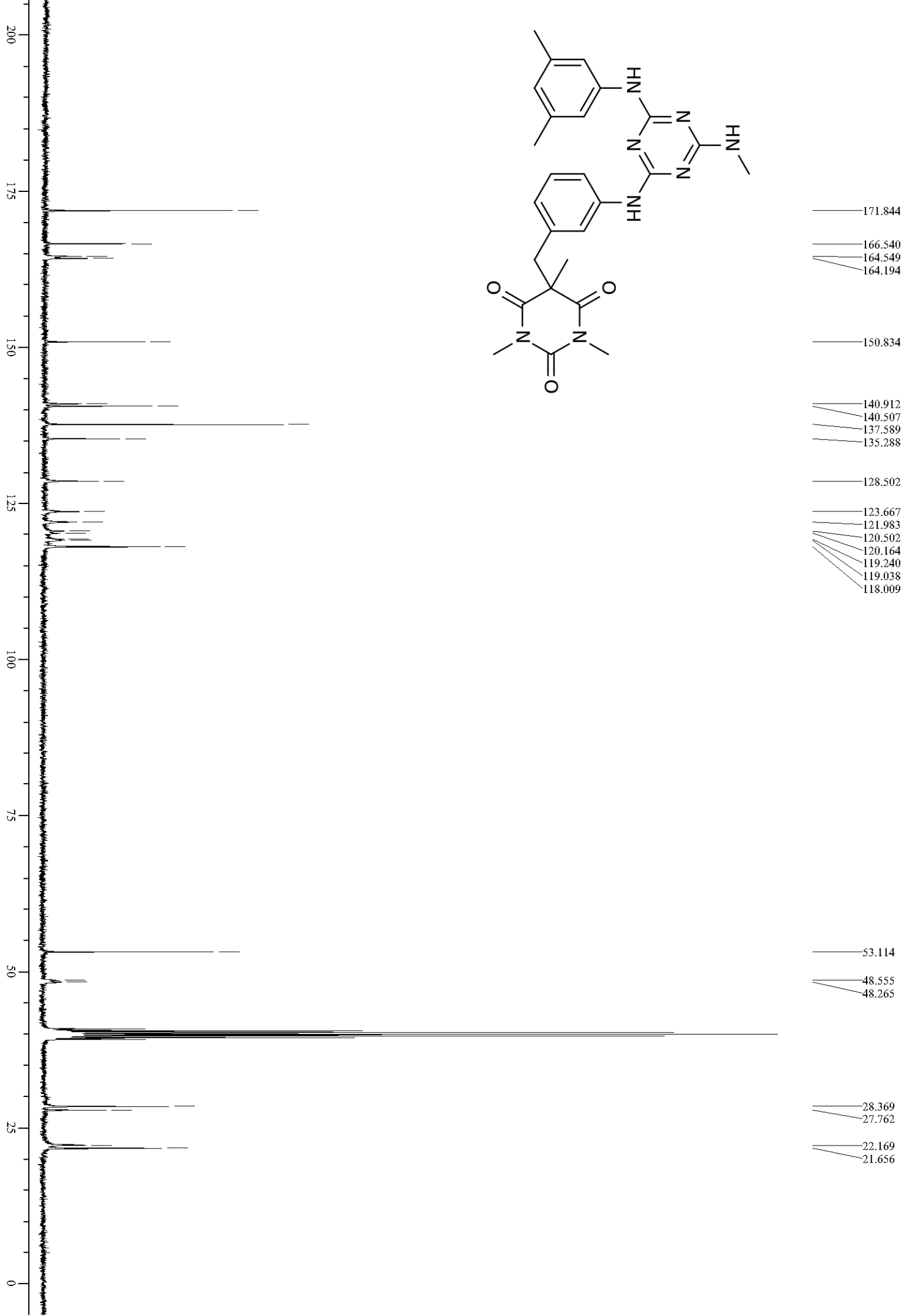
3.3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164.549
164.194
150.834
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137.589
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119.240
119.038
118.009
53.114
48.555
48.265
28.369
27.762
22.169
21.656