

Supporting Information for:

Novel Anionic Annellation Tactics for Construction of Fused Heteroaromatic Frameworks. 1. Synthesis of 4-Substituted Pyrazolo[4,3-c]quinolines, 9-Substituted Pyrazolo[3,4-c]quinolines and 1,4-Dihydro-chromeno[4,3-c]pyrazoles

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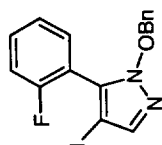
FAX +45 35 30 60 40

E-Mail begtrup@dfh.dk

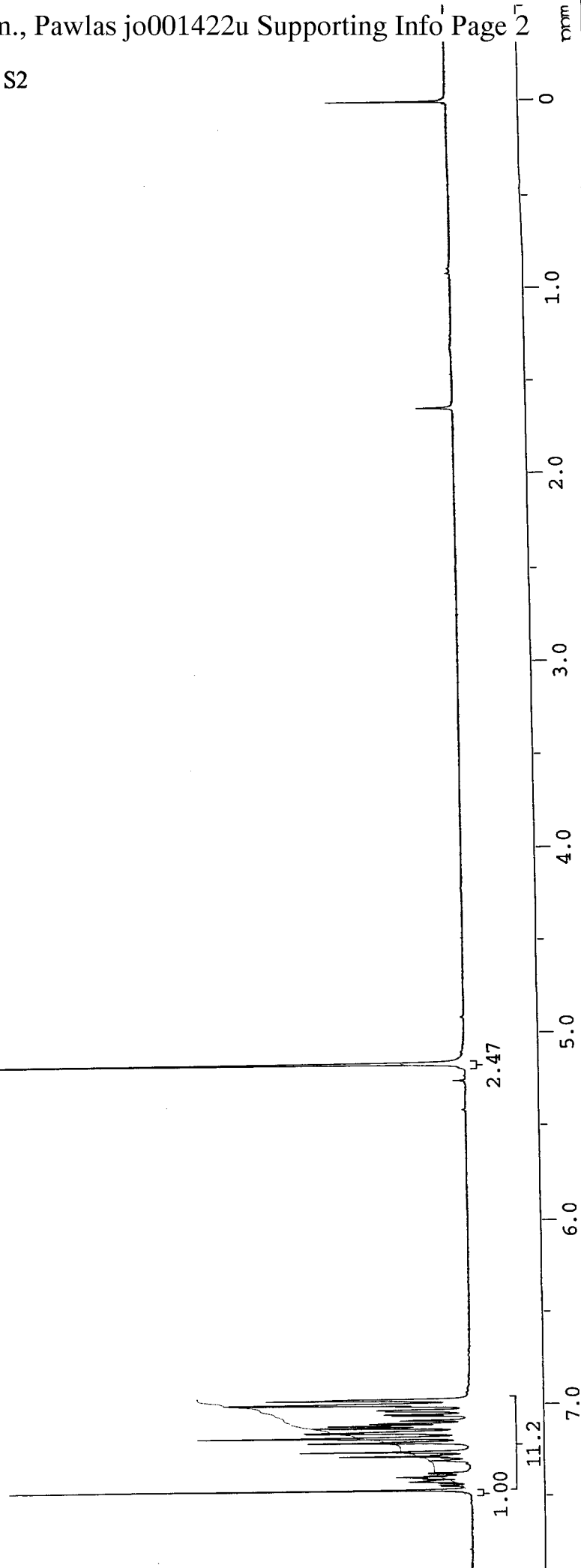
¹H and ¹³C NMR spectral data for compounds 3, 4a-i, 5, 6a-b, 7a-c, 8, 9a-d, 10, 12, 17.

S2

JP 00816-135

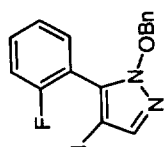


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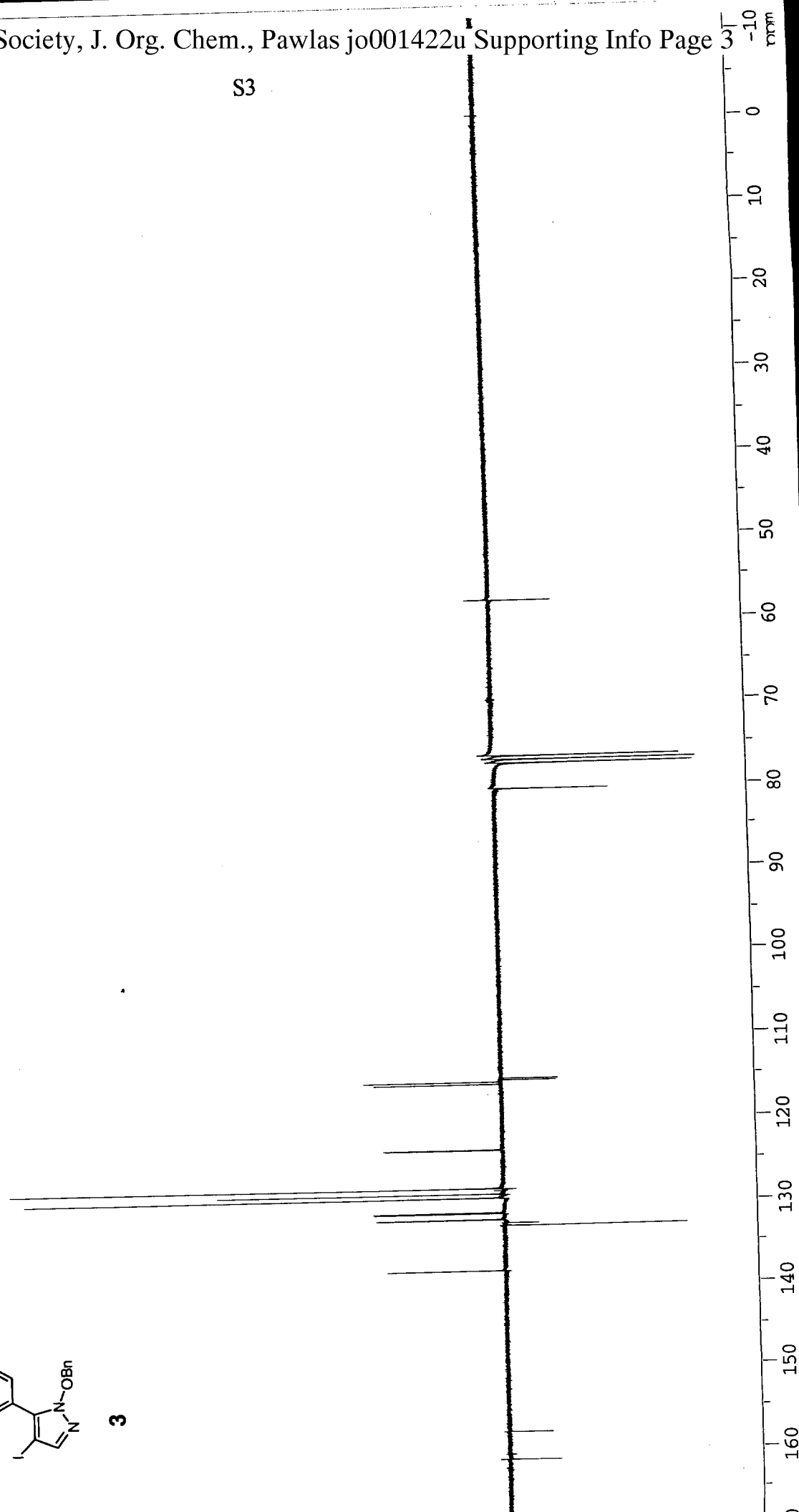


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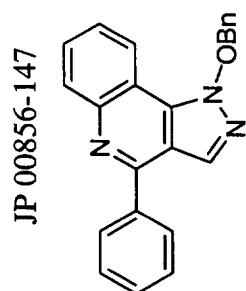
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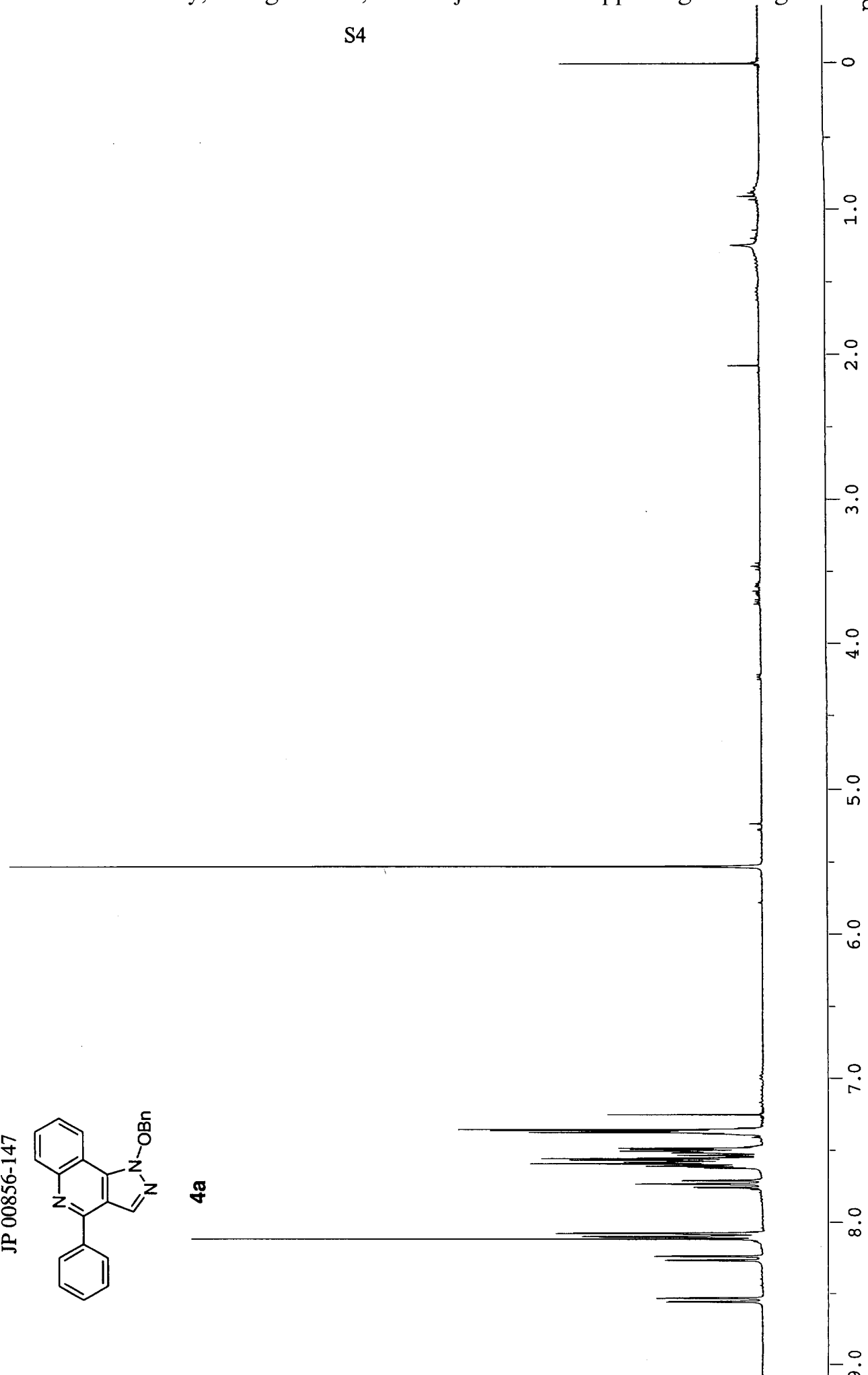
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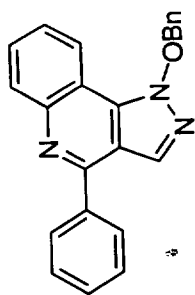


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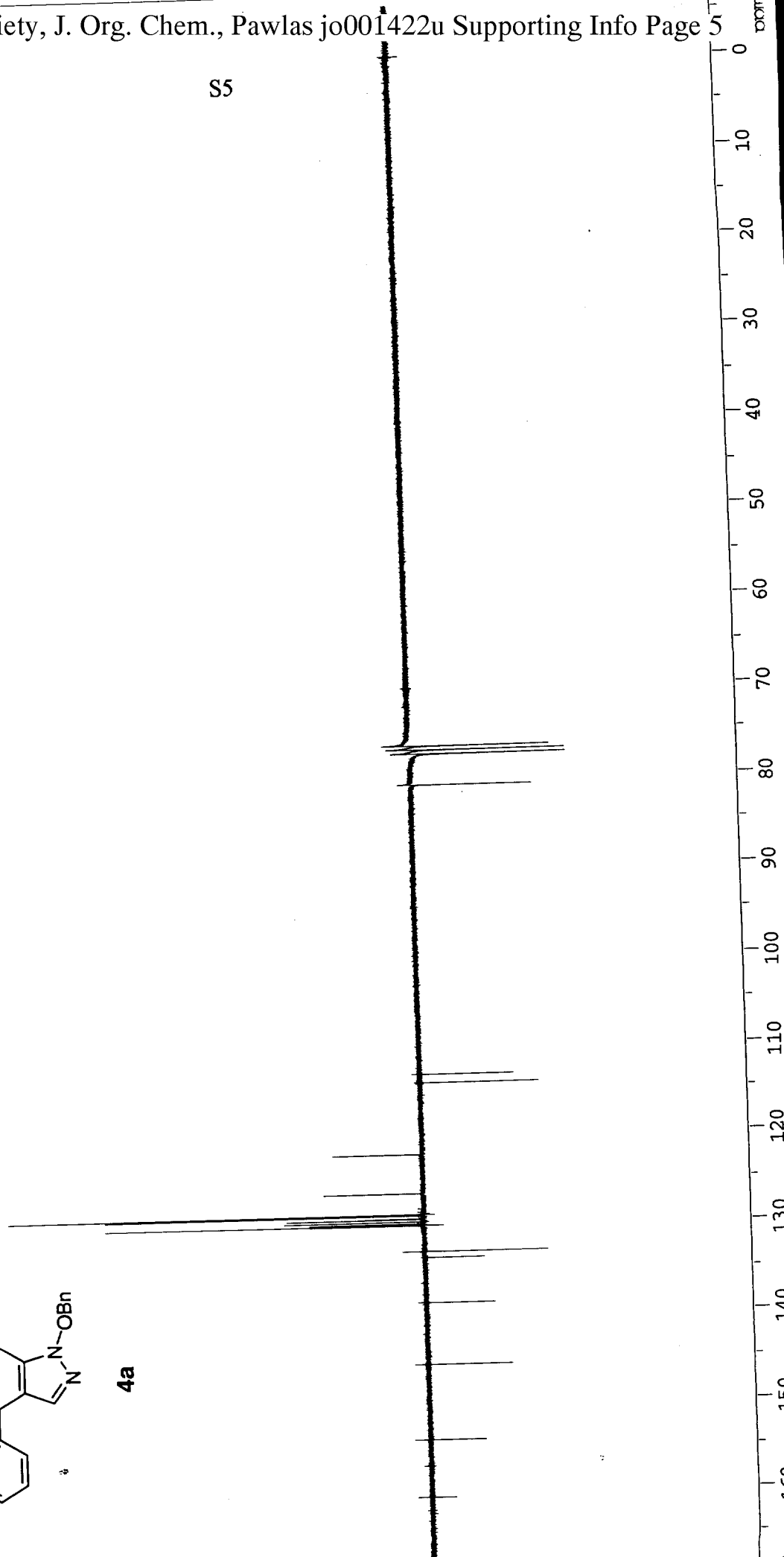


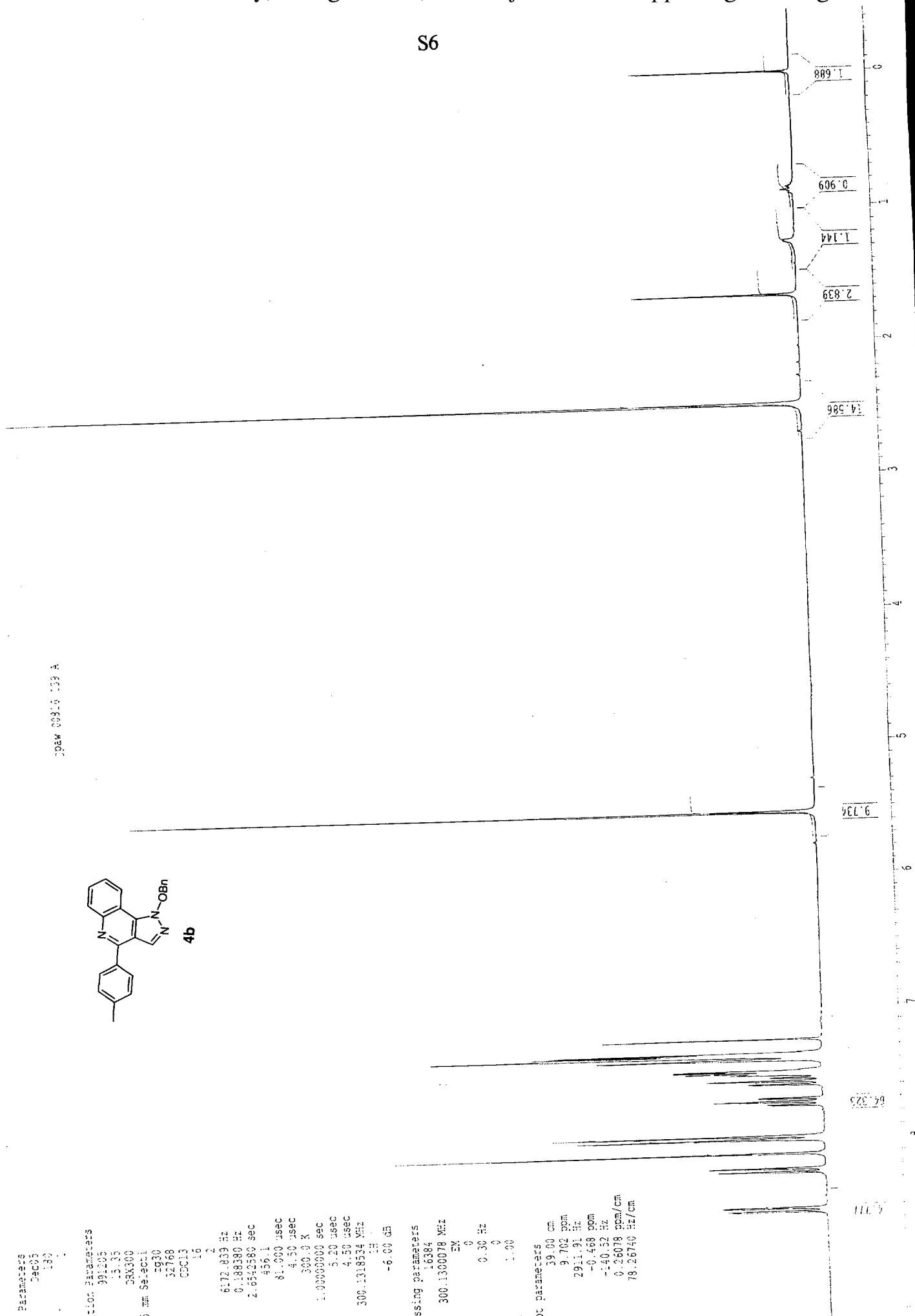
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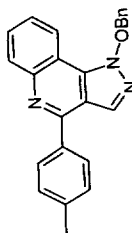
JP 00856-147



4a







4b

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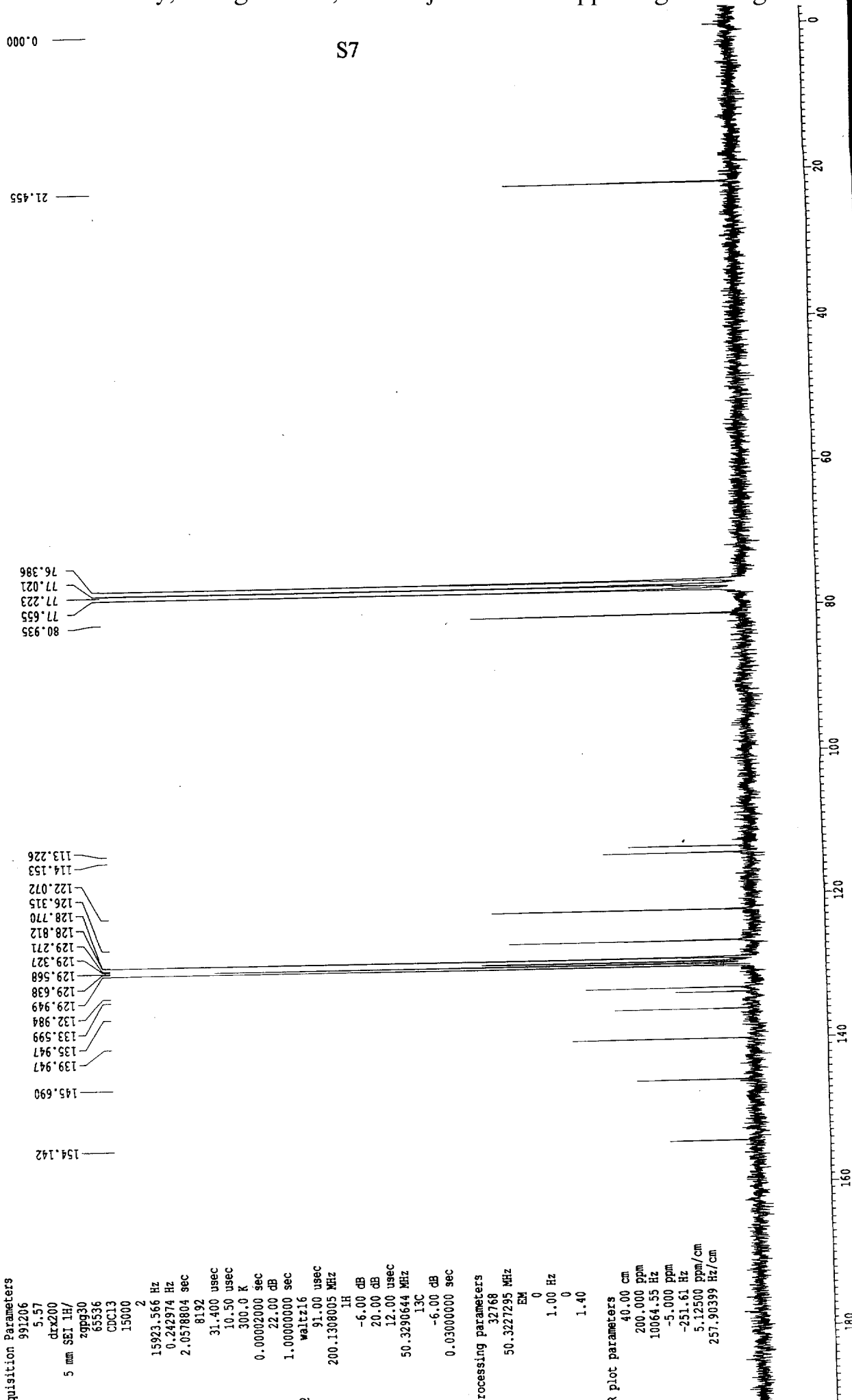
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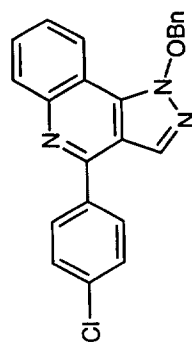
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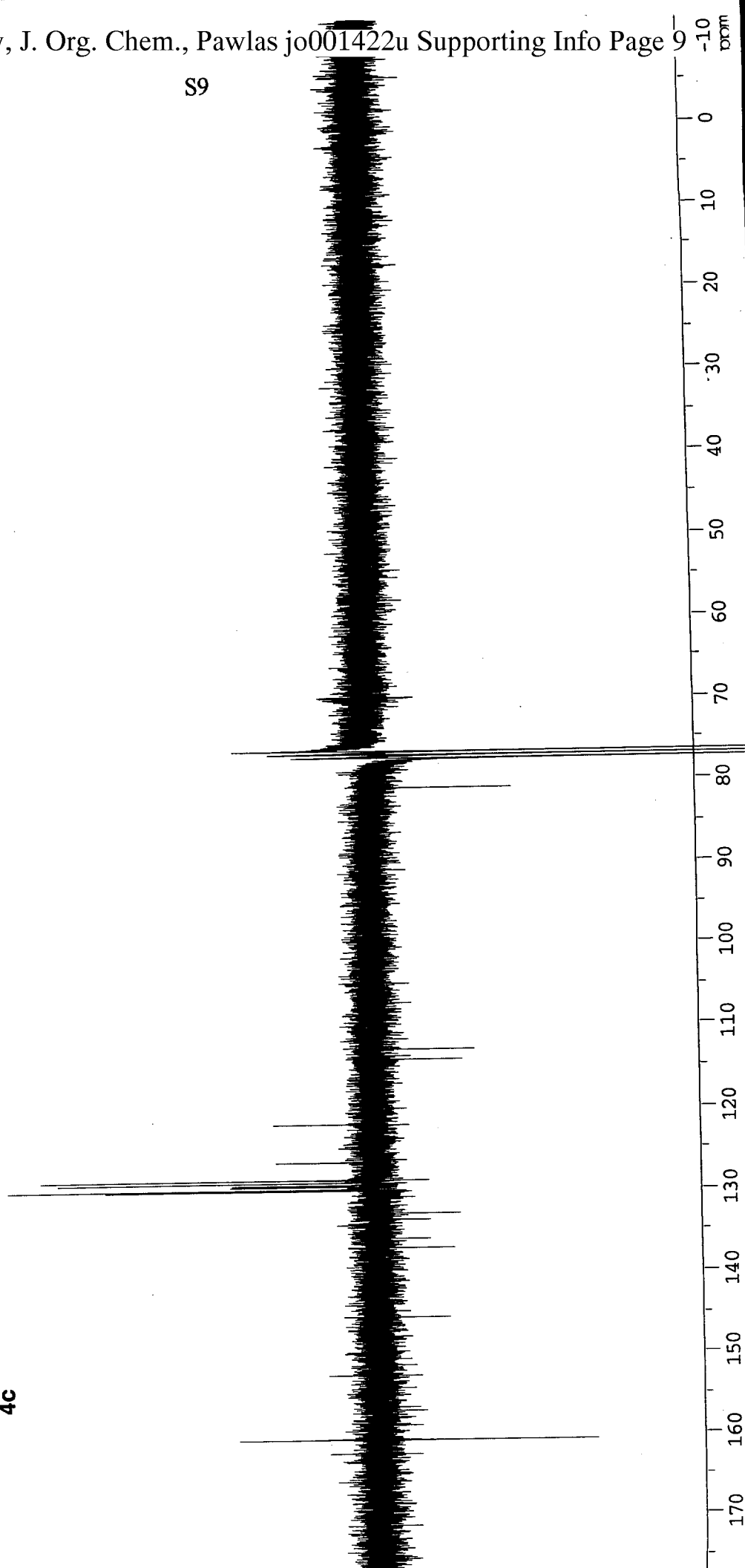
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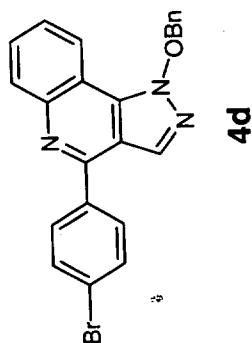
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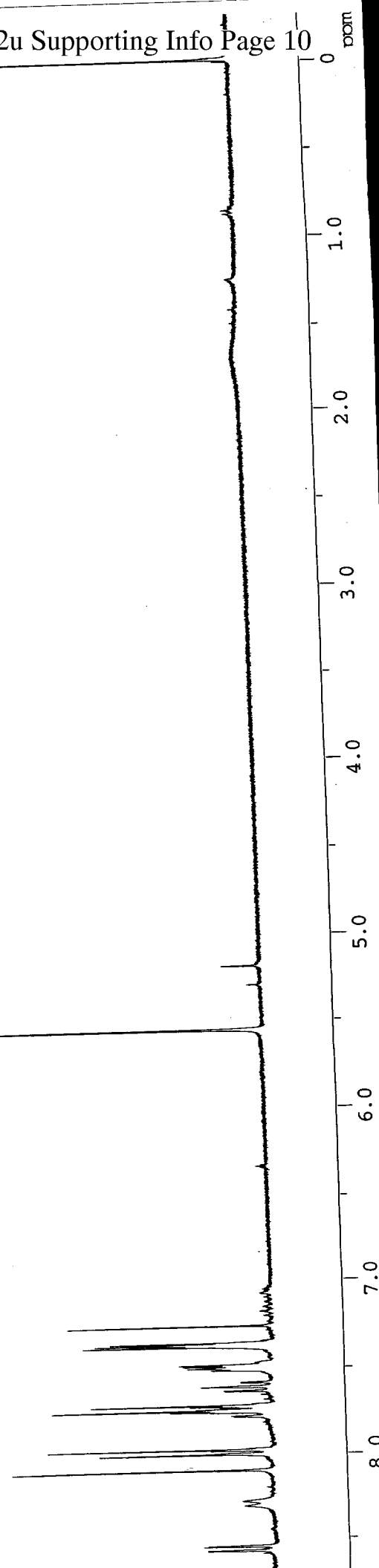
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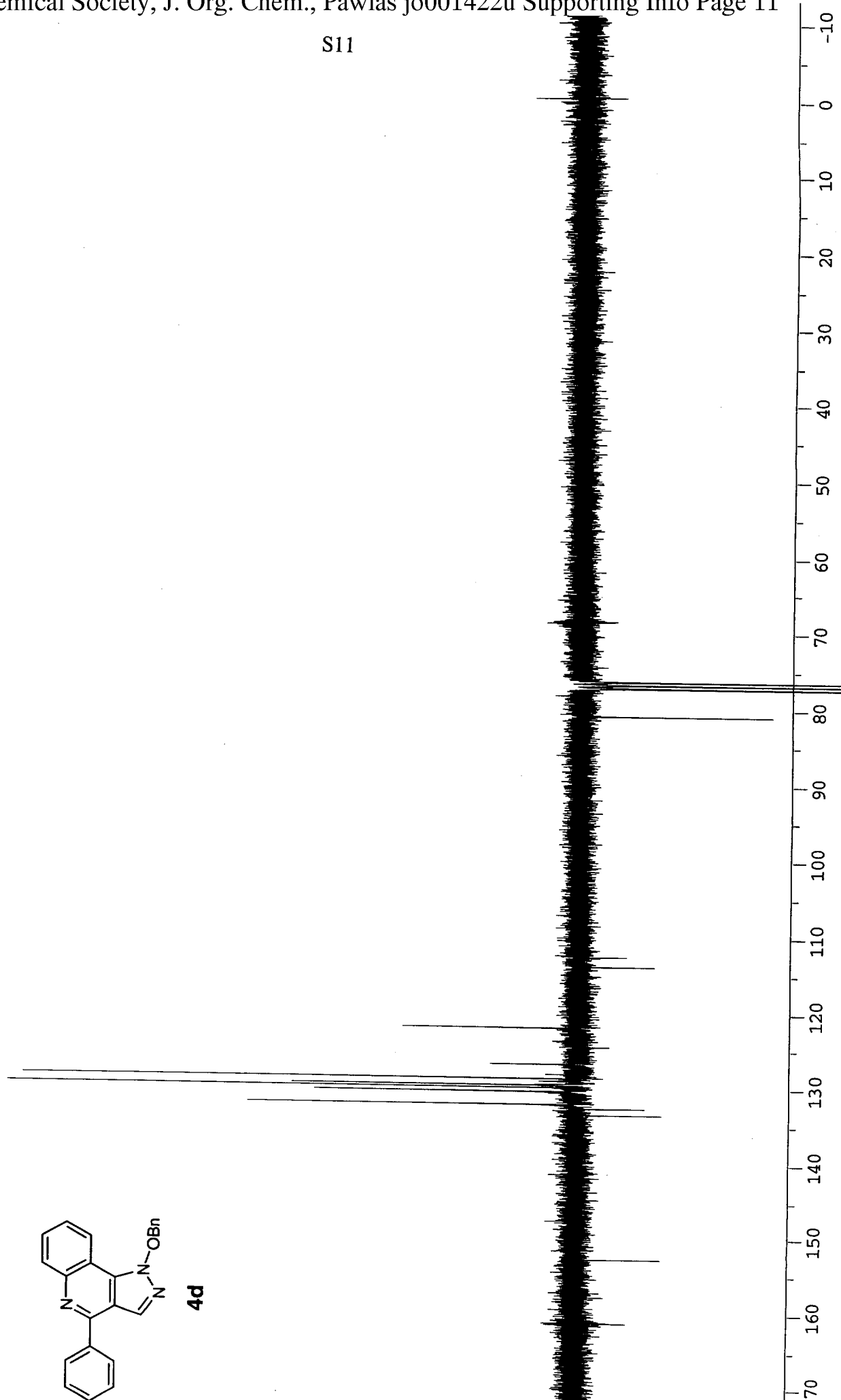
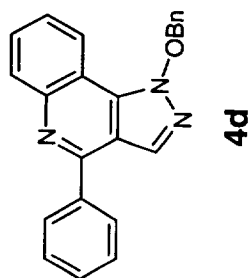


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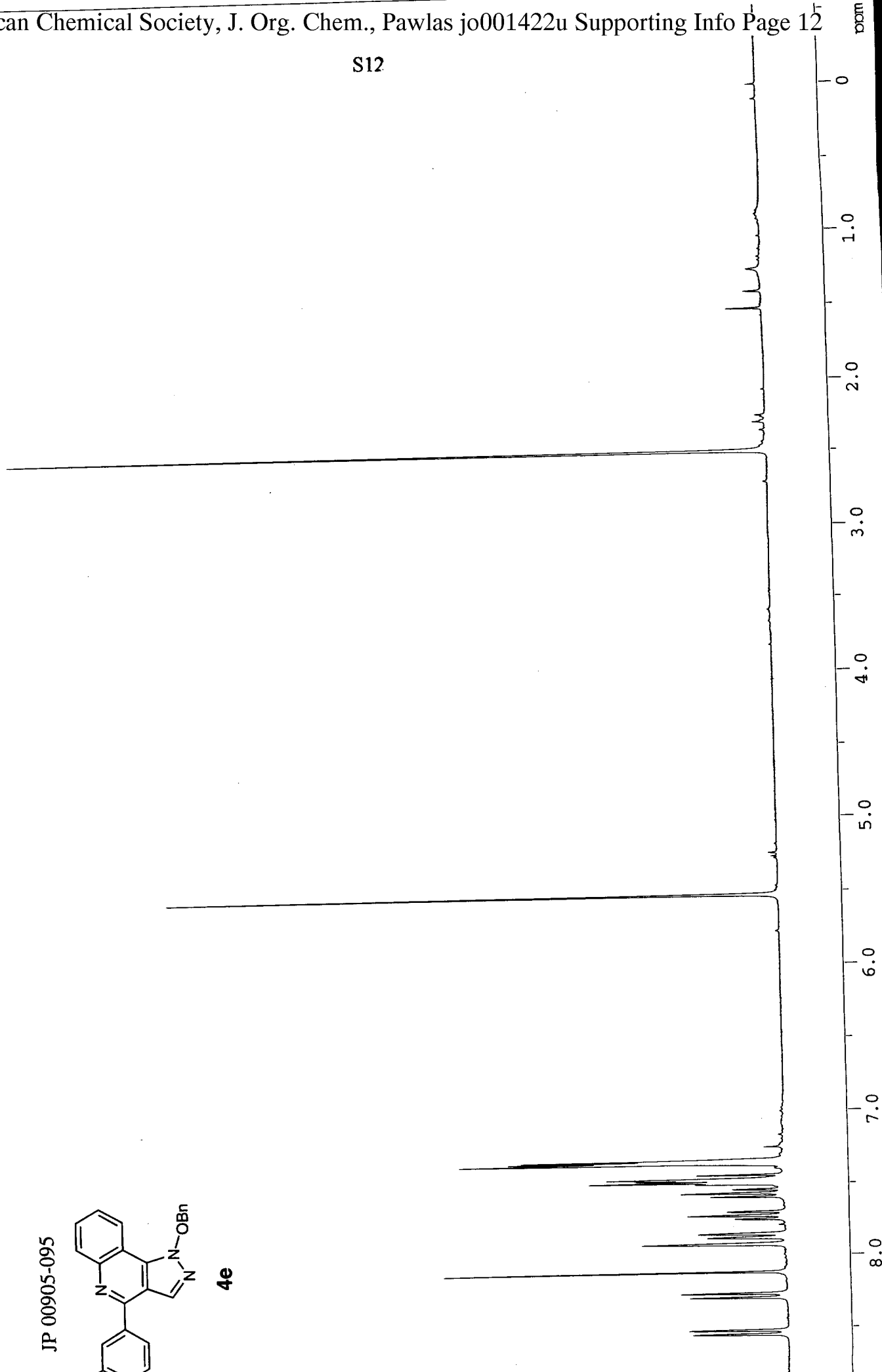
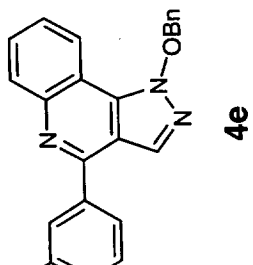
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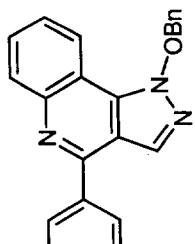
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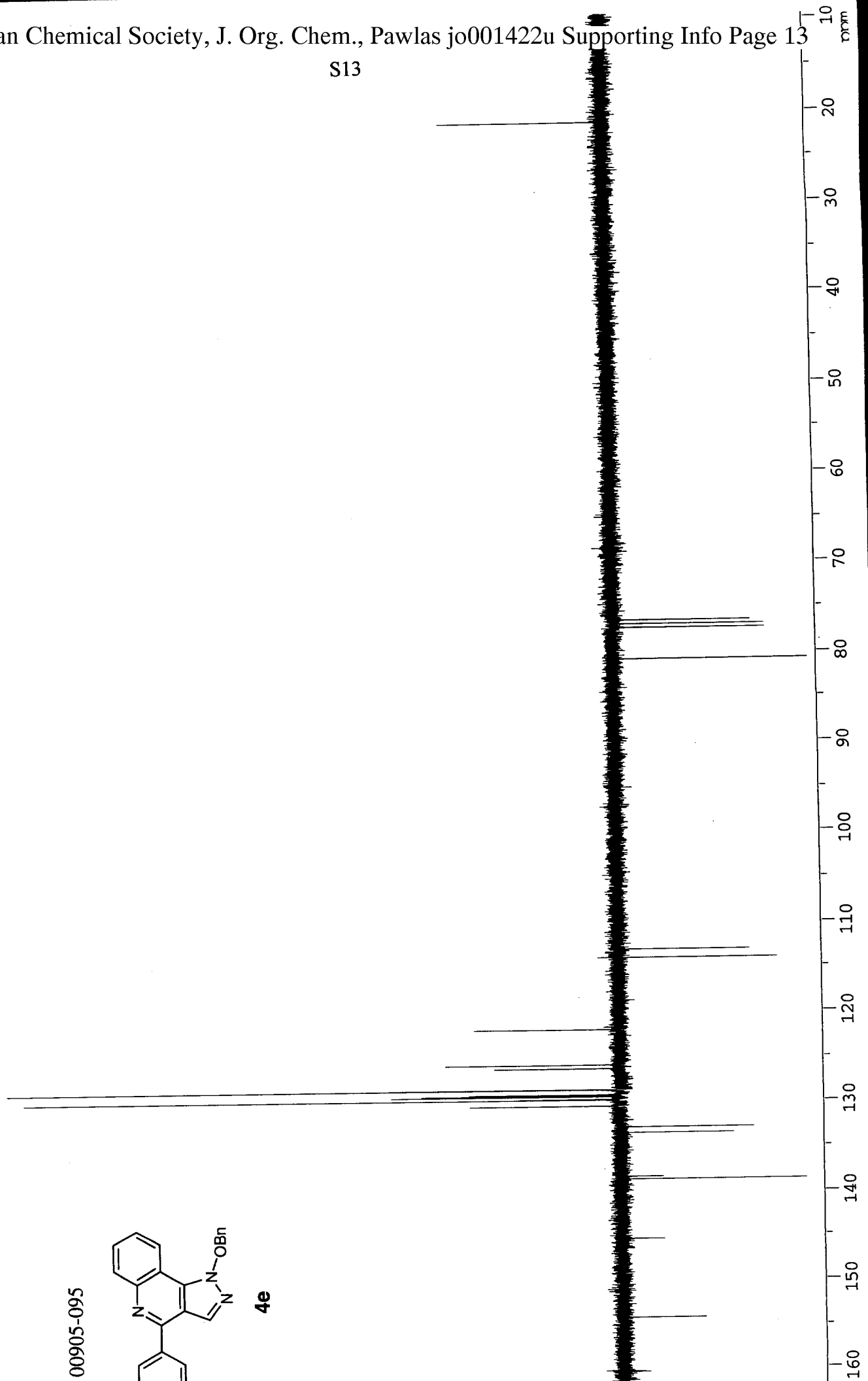
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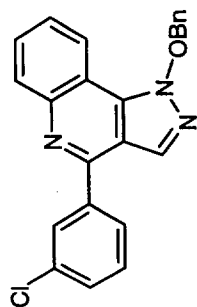


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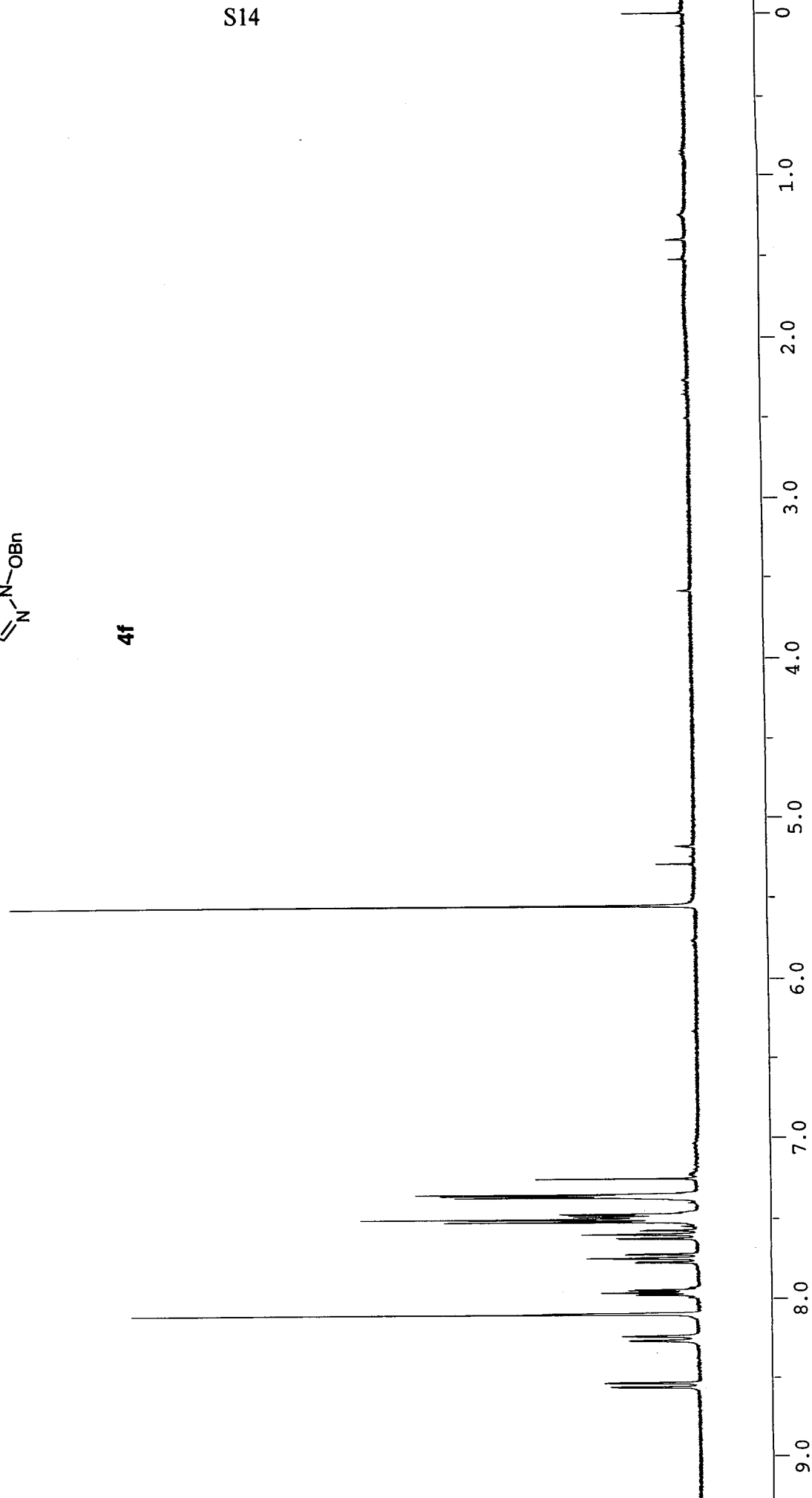


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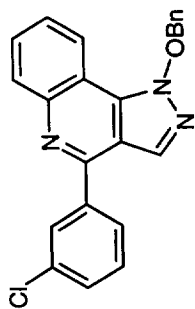


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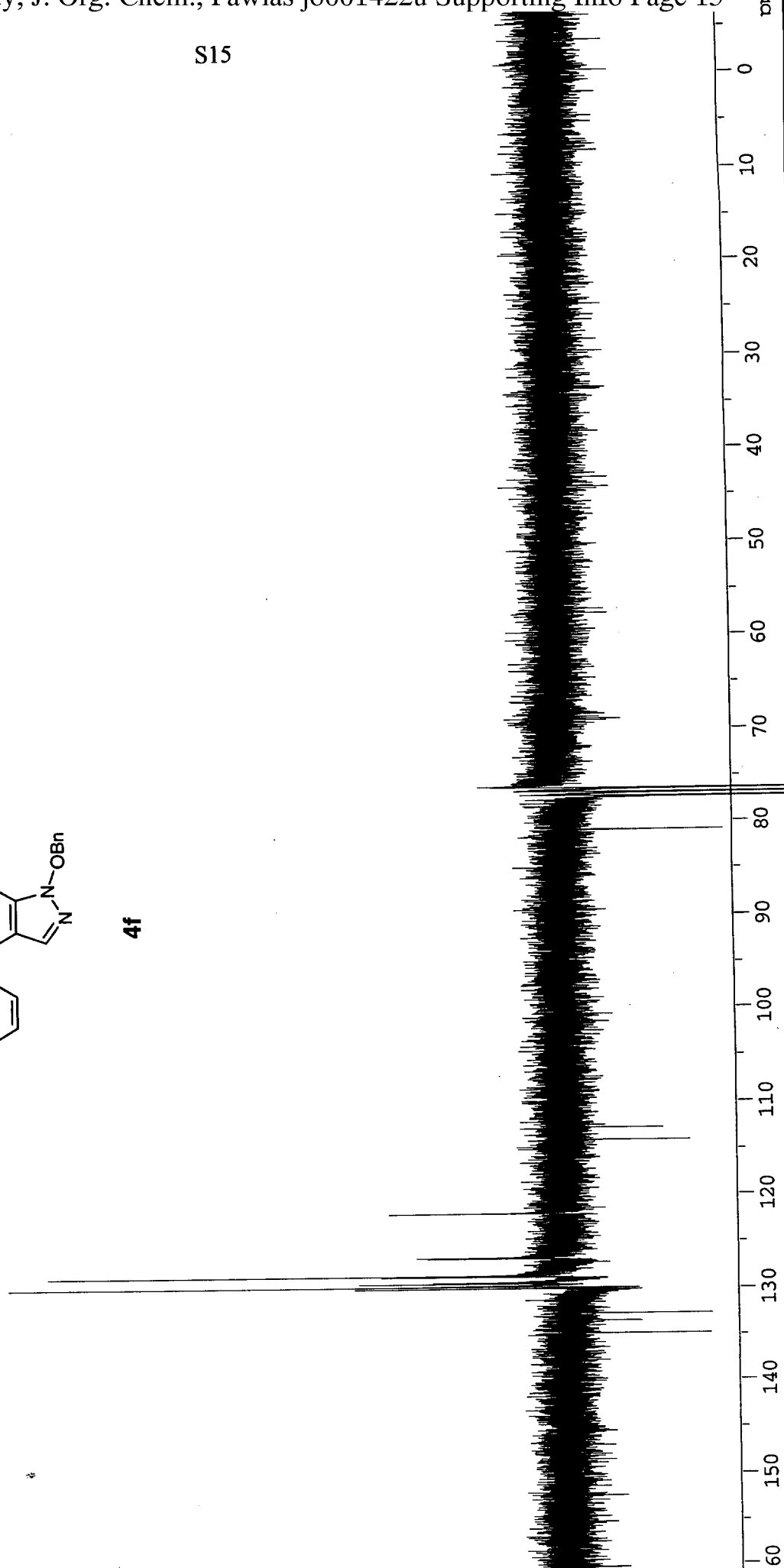


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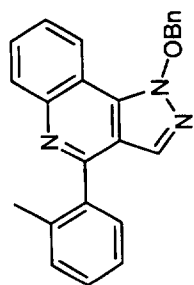


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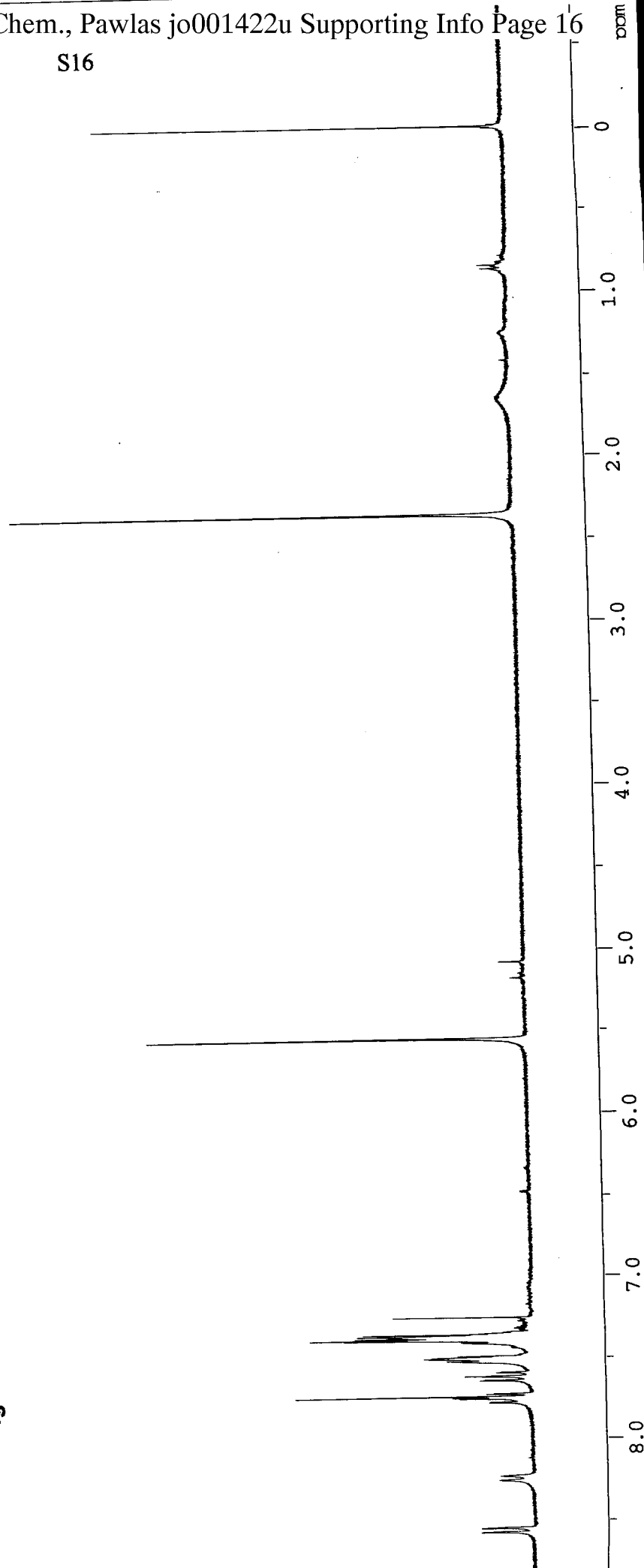


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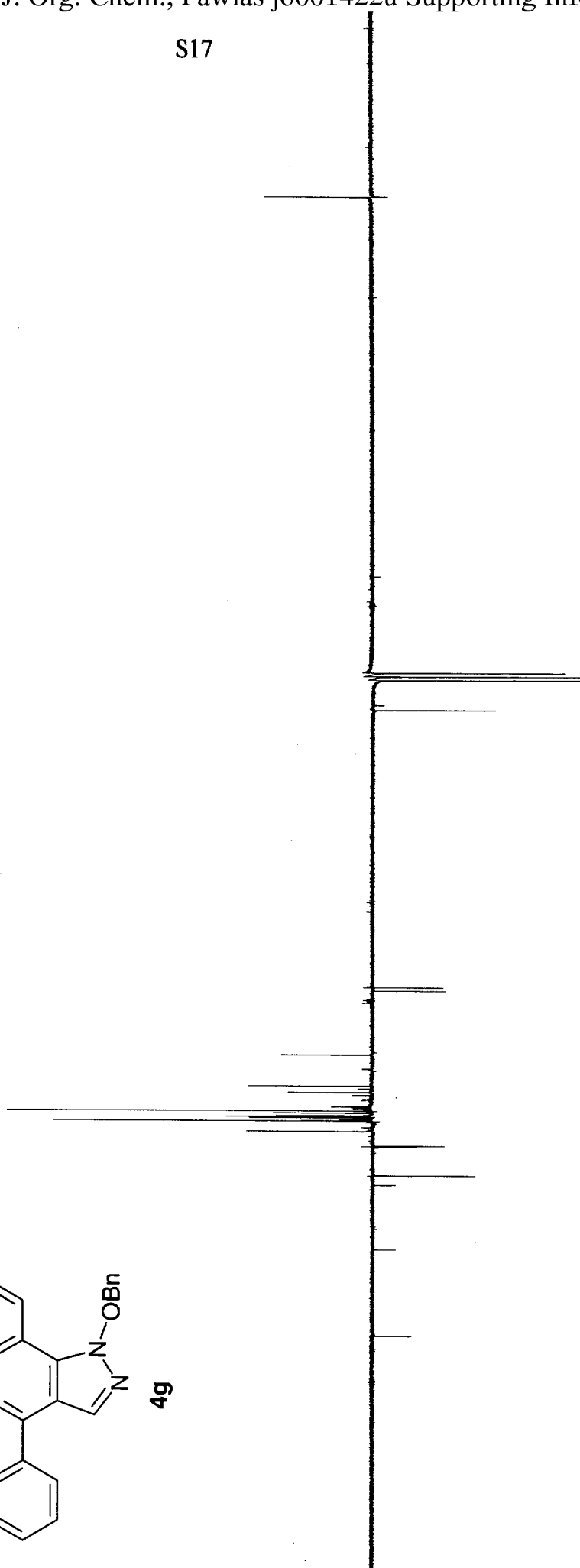
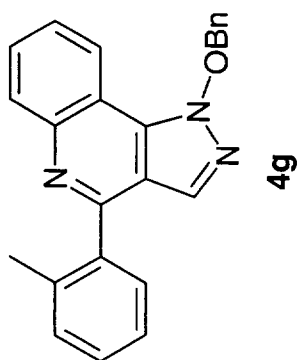


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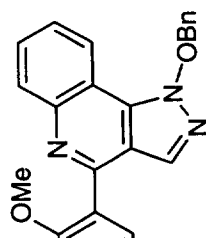
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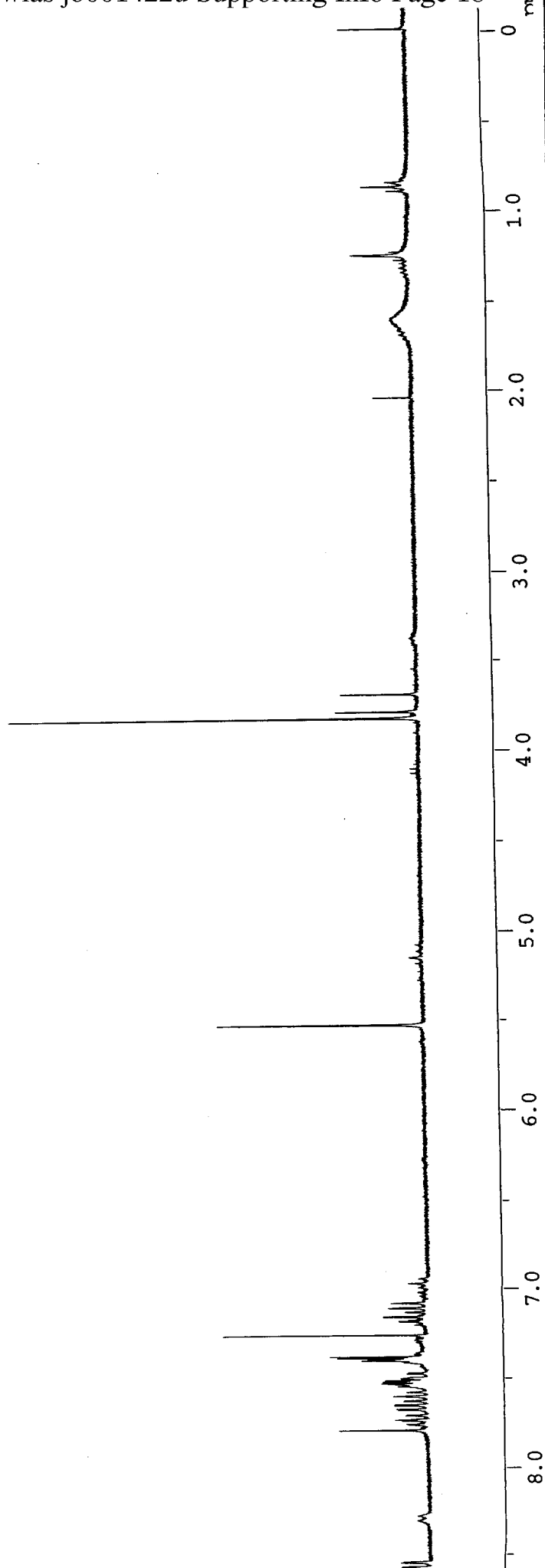


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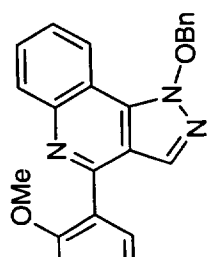


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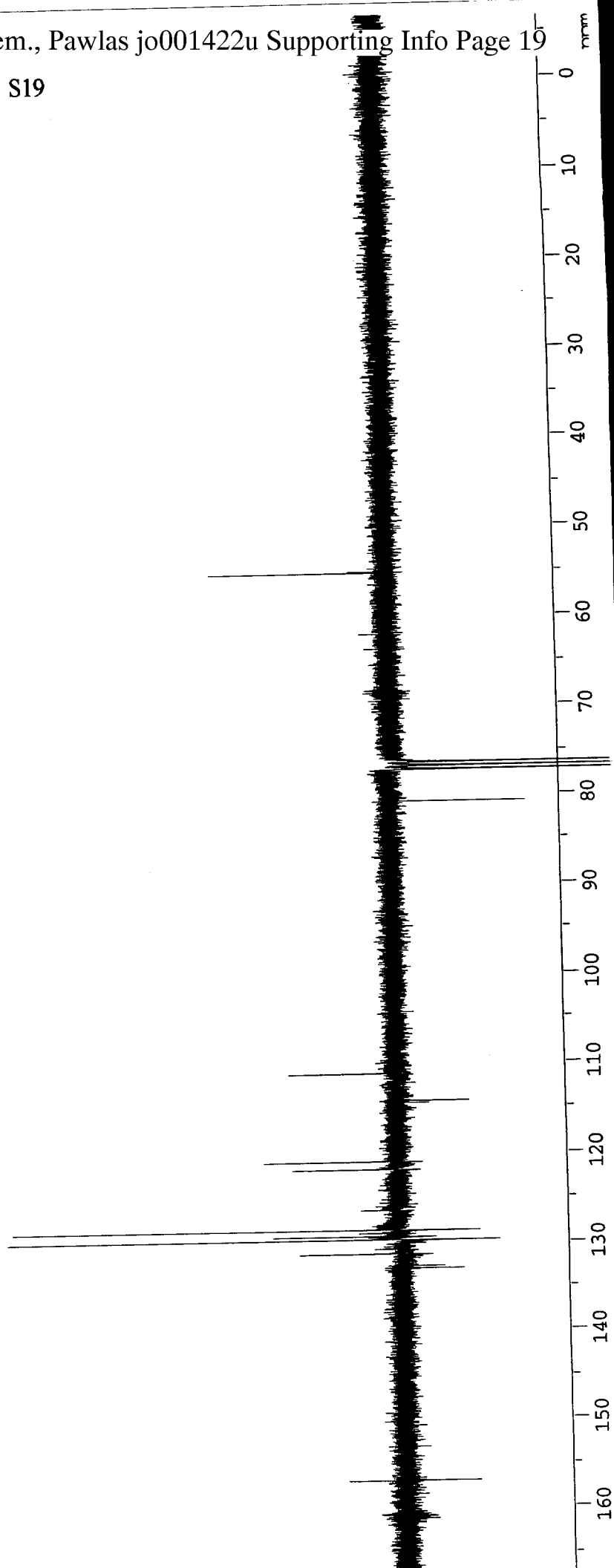


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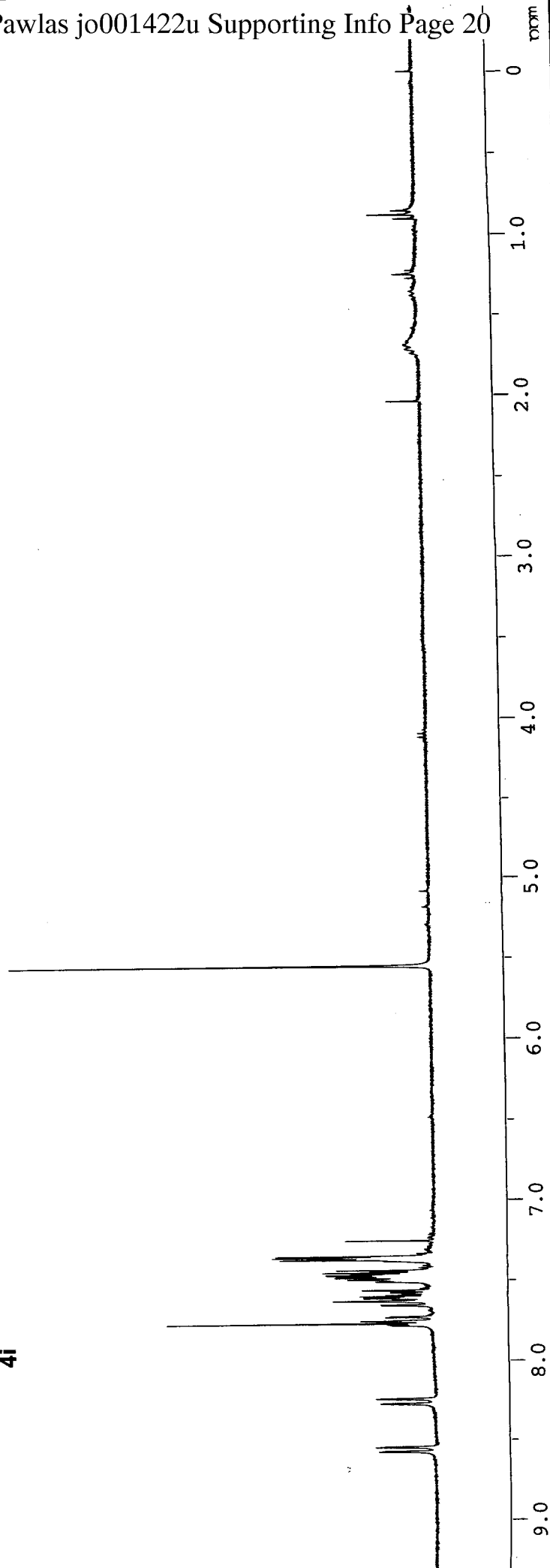
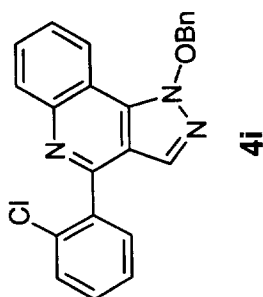


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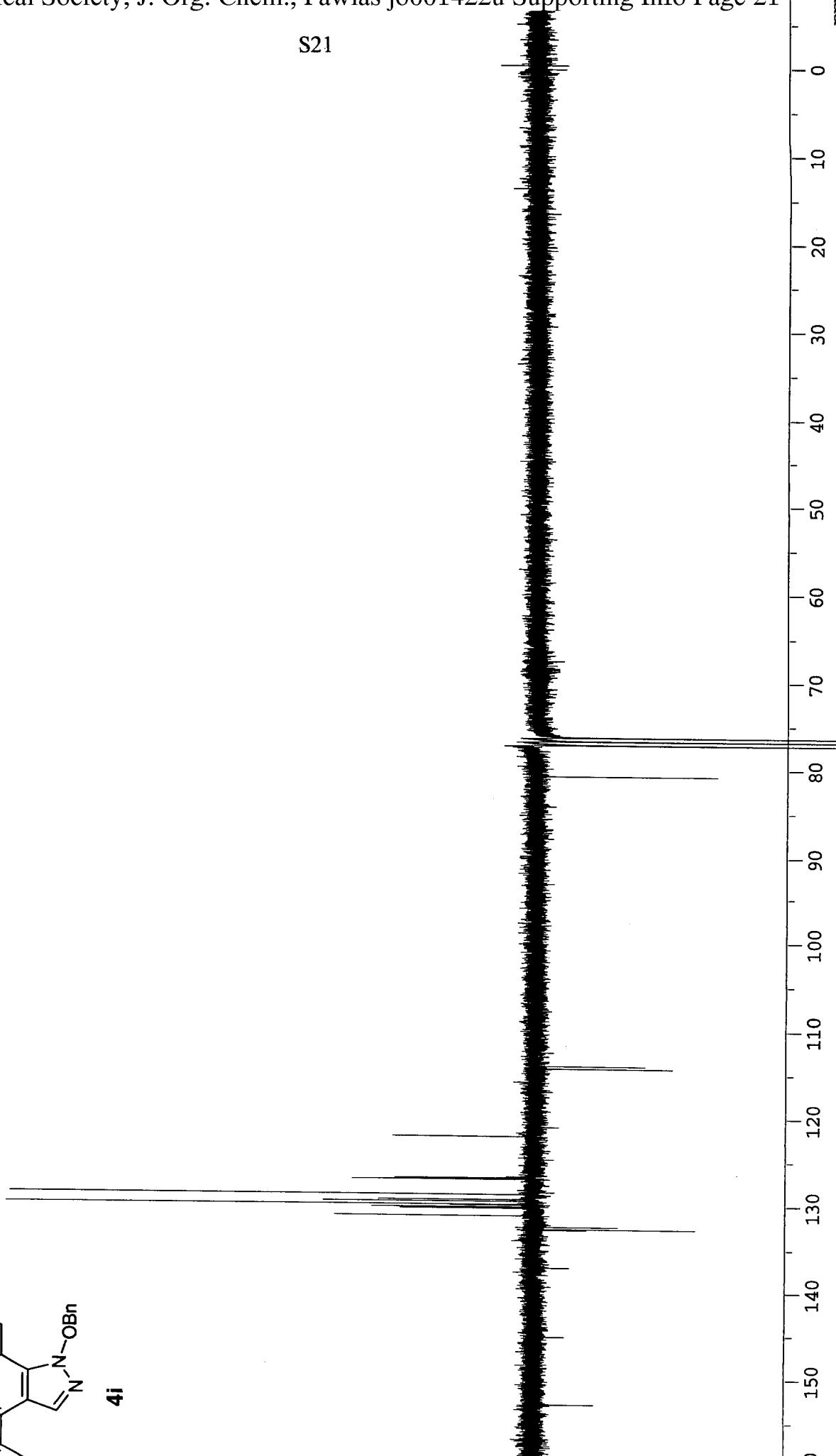
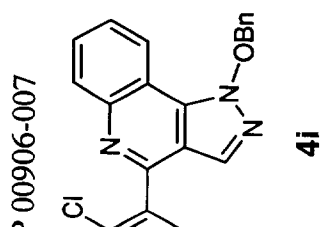


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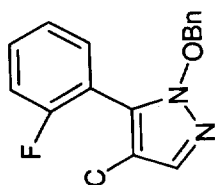


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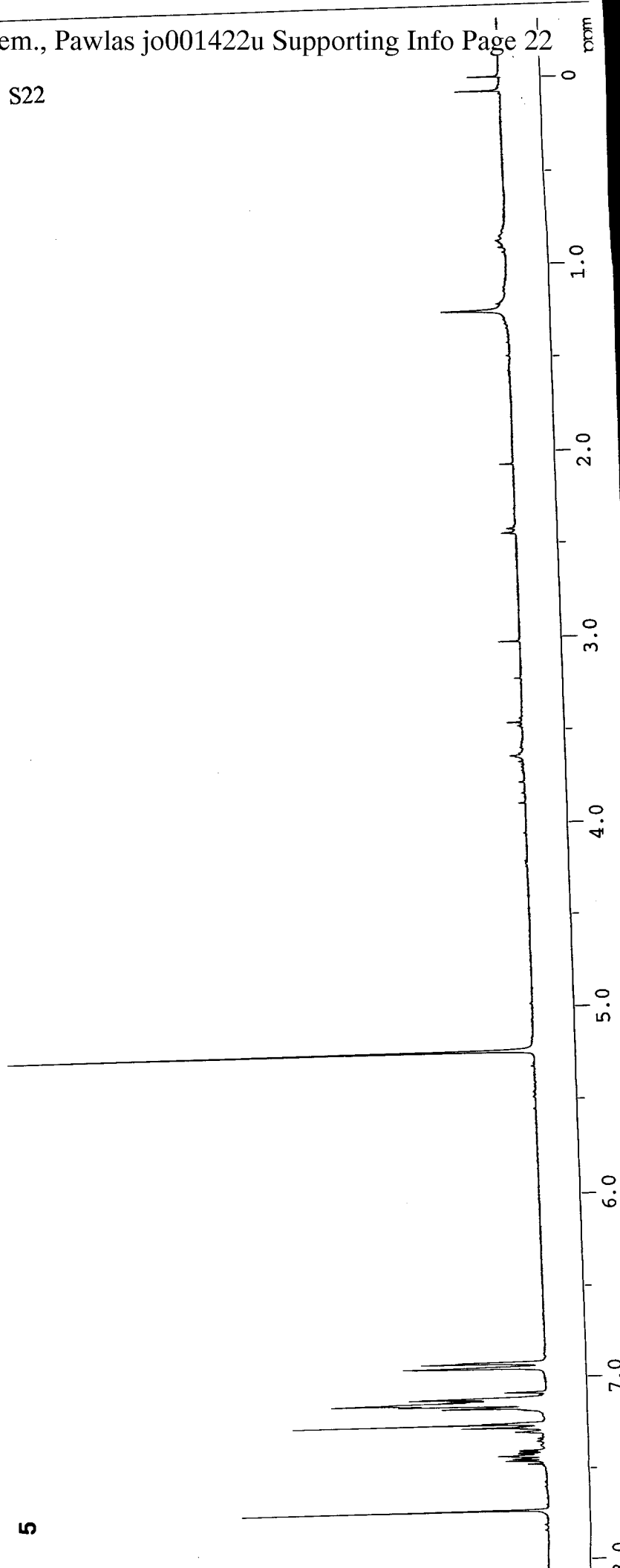


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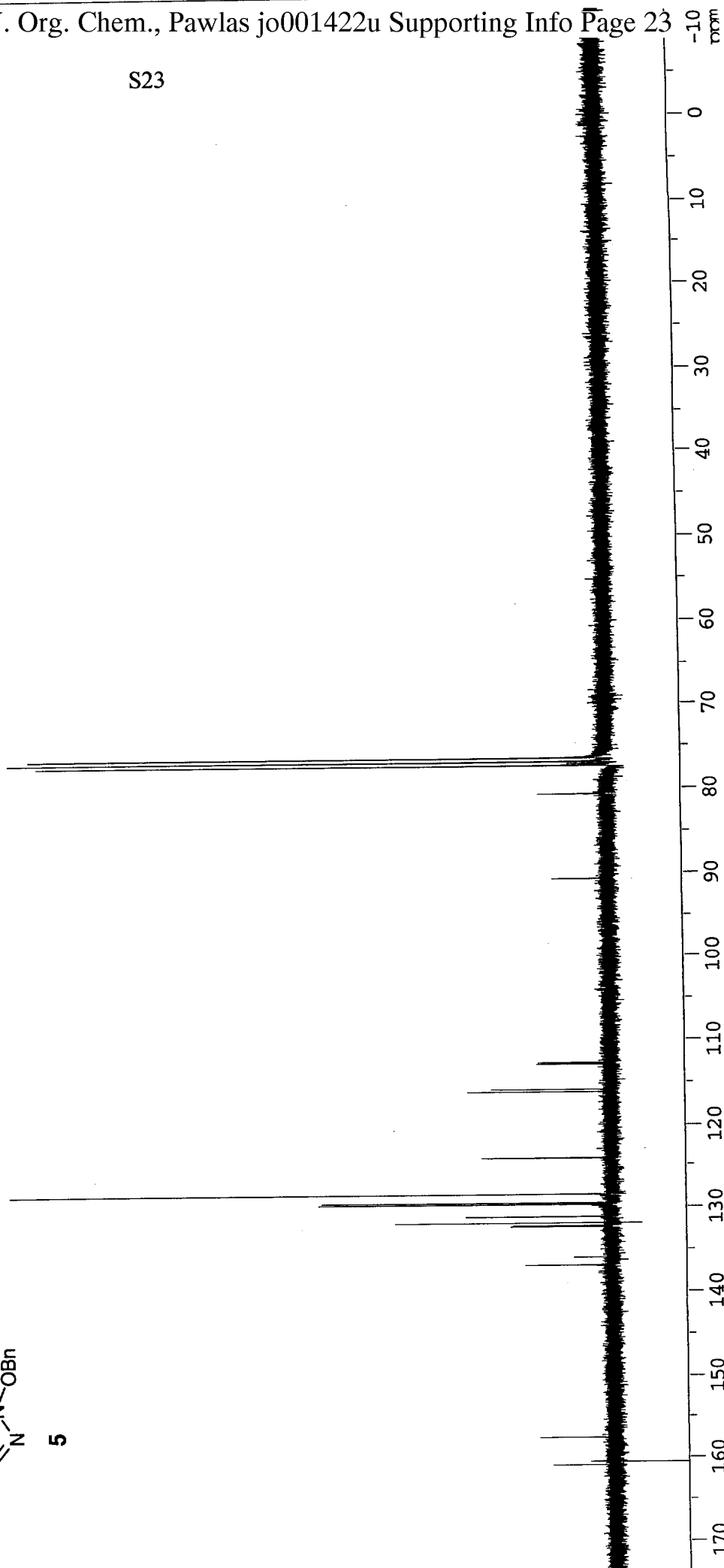
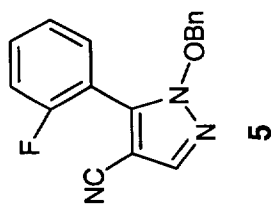


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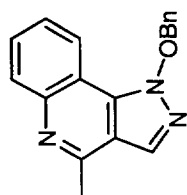
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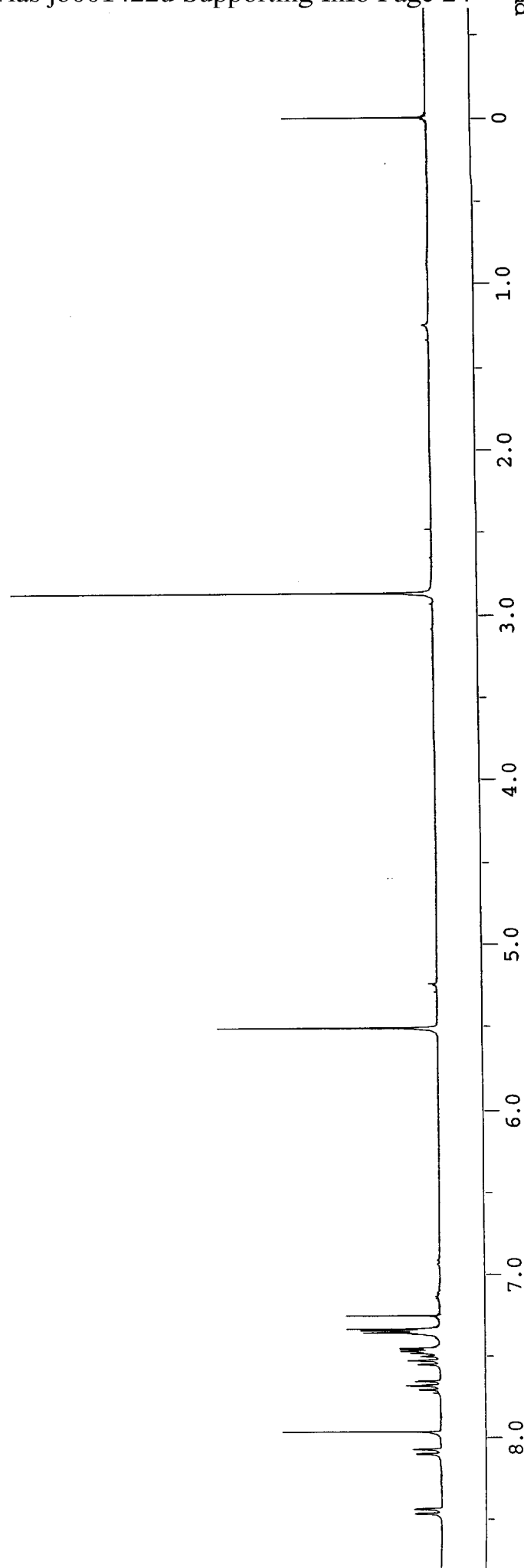


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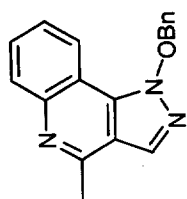


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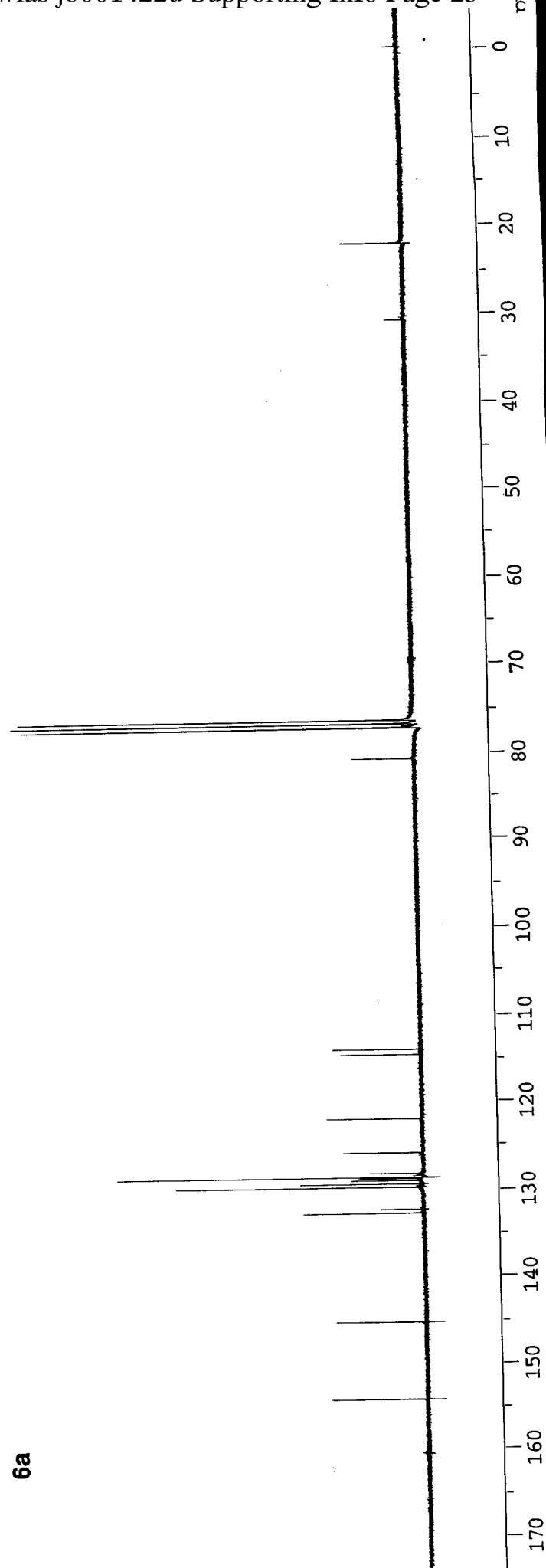


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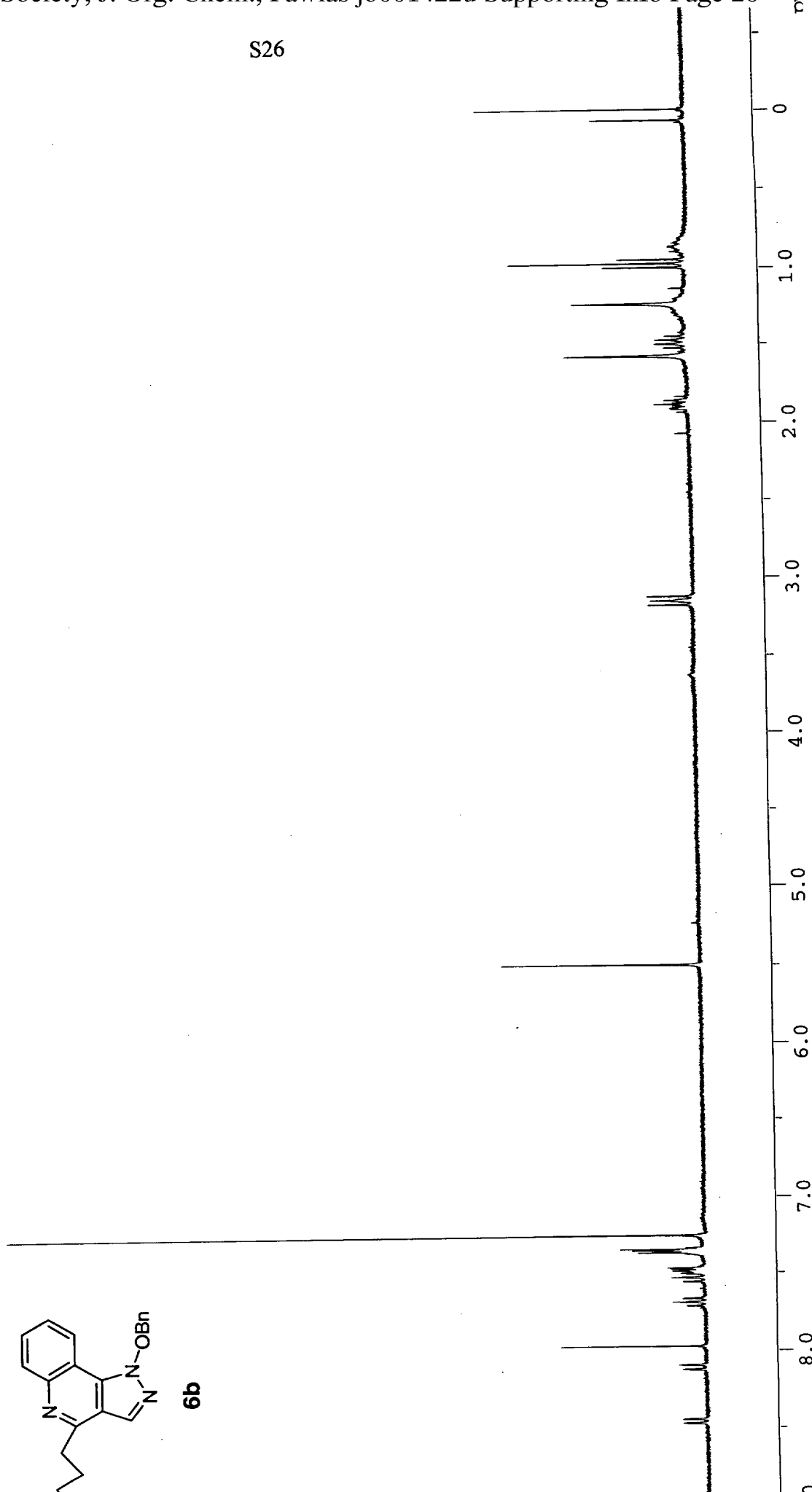
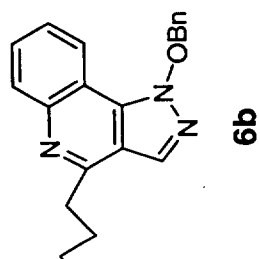


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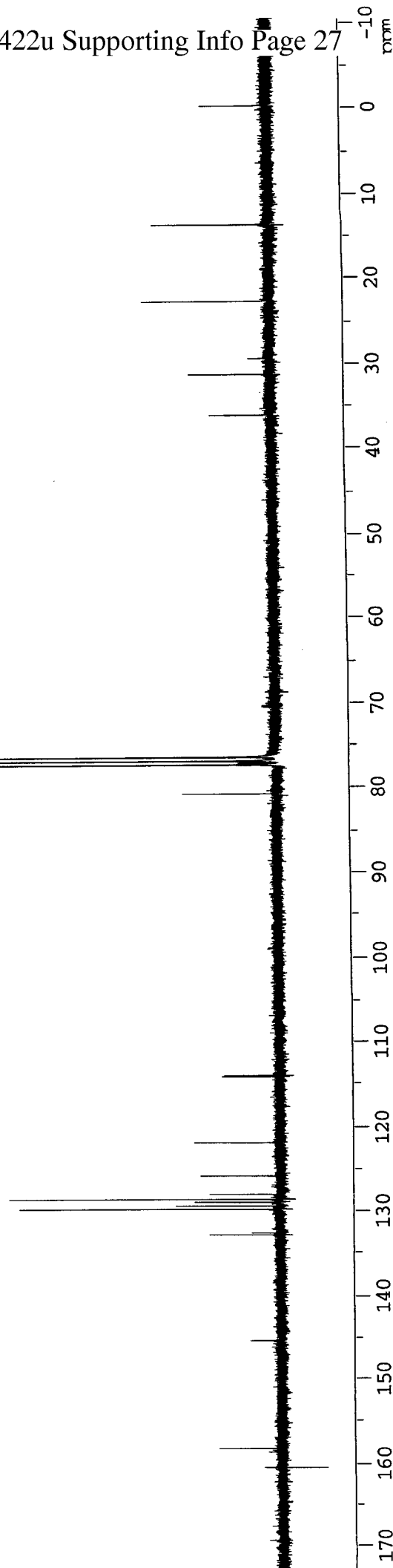
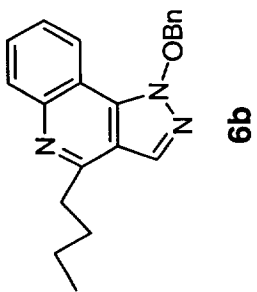
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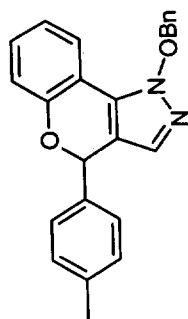
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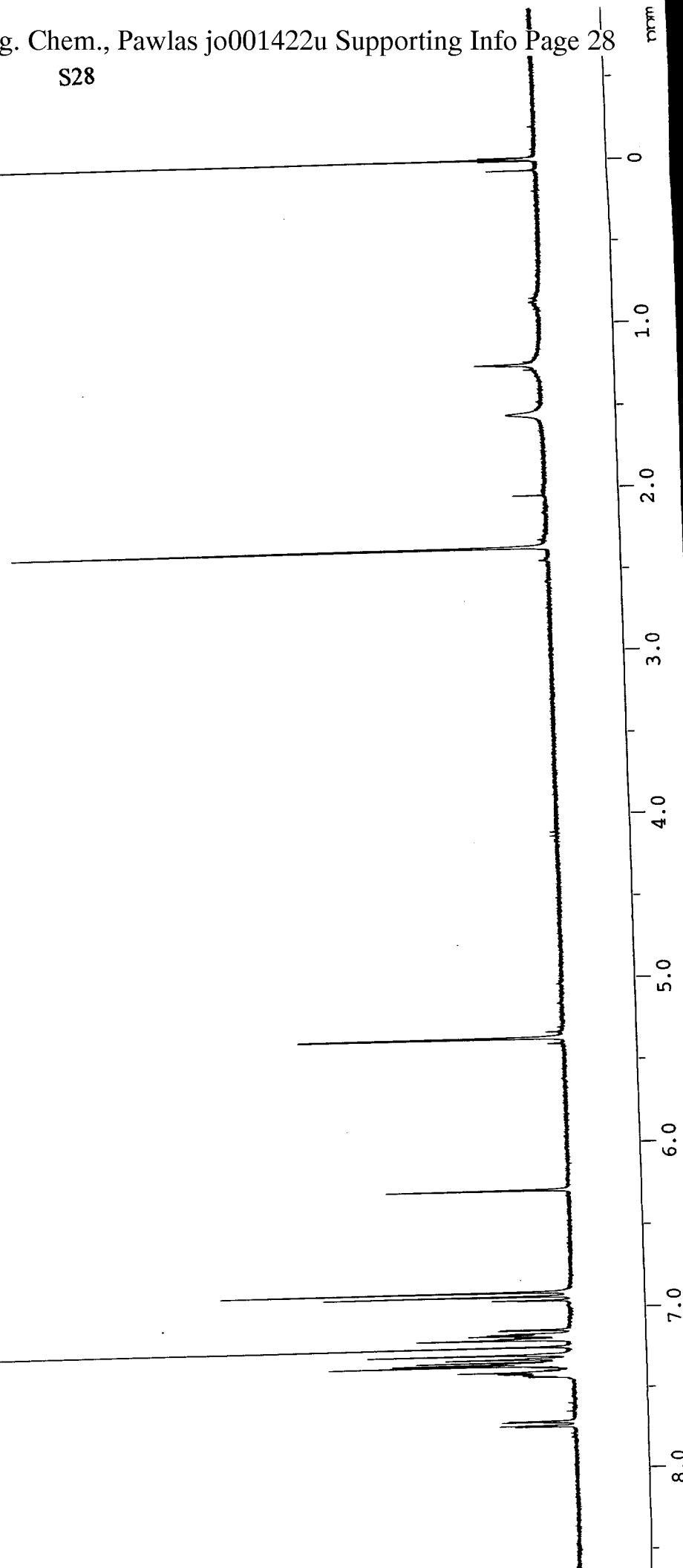


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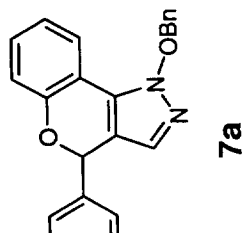
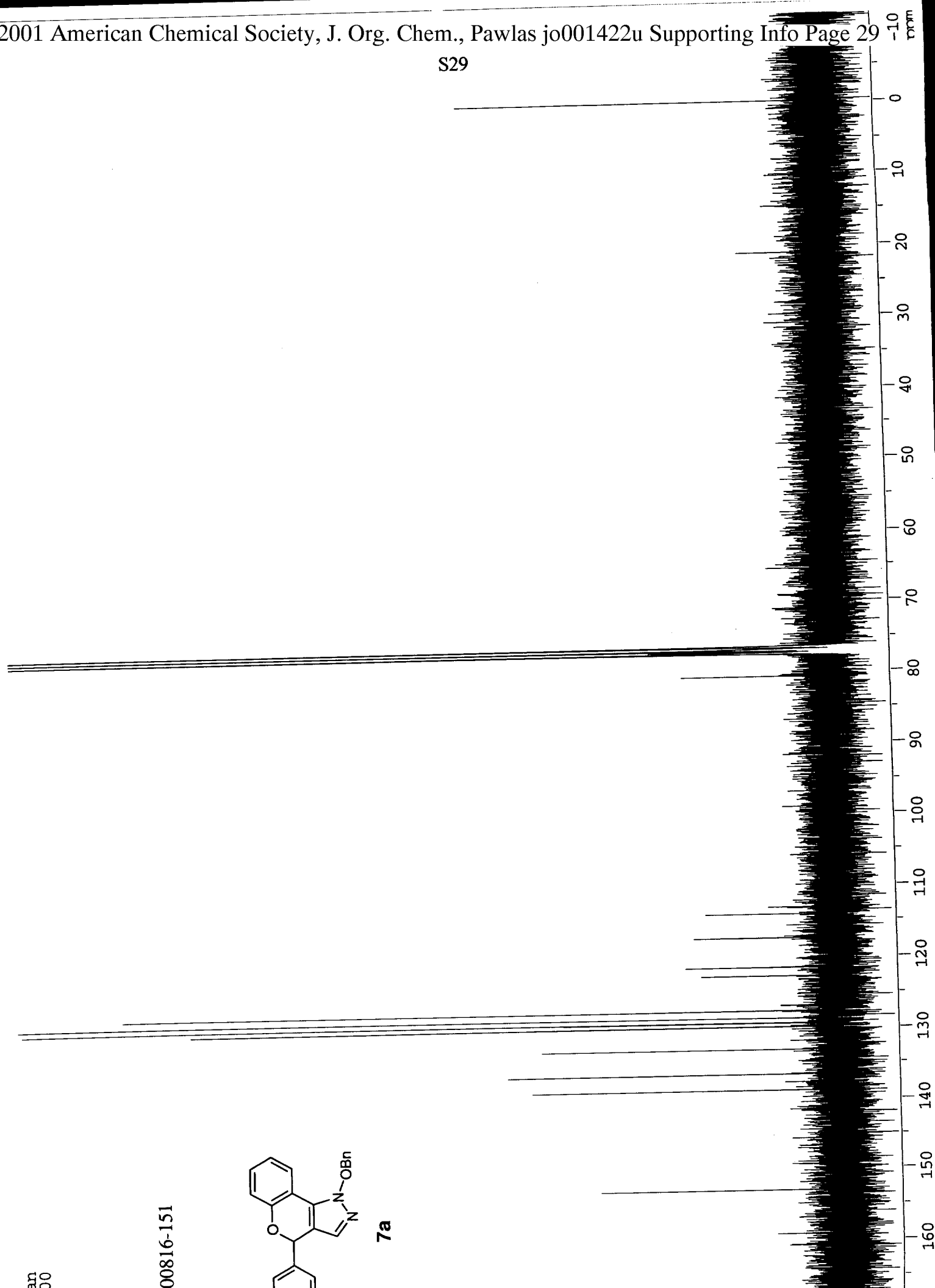
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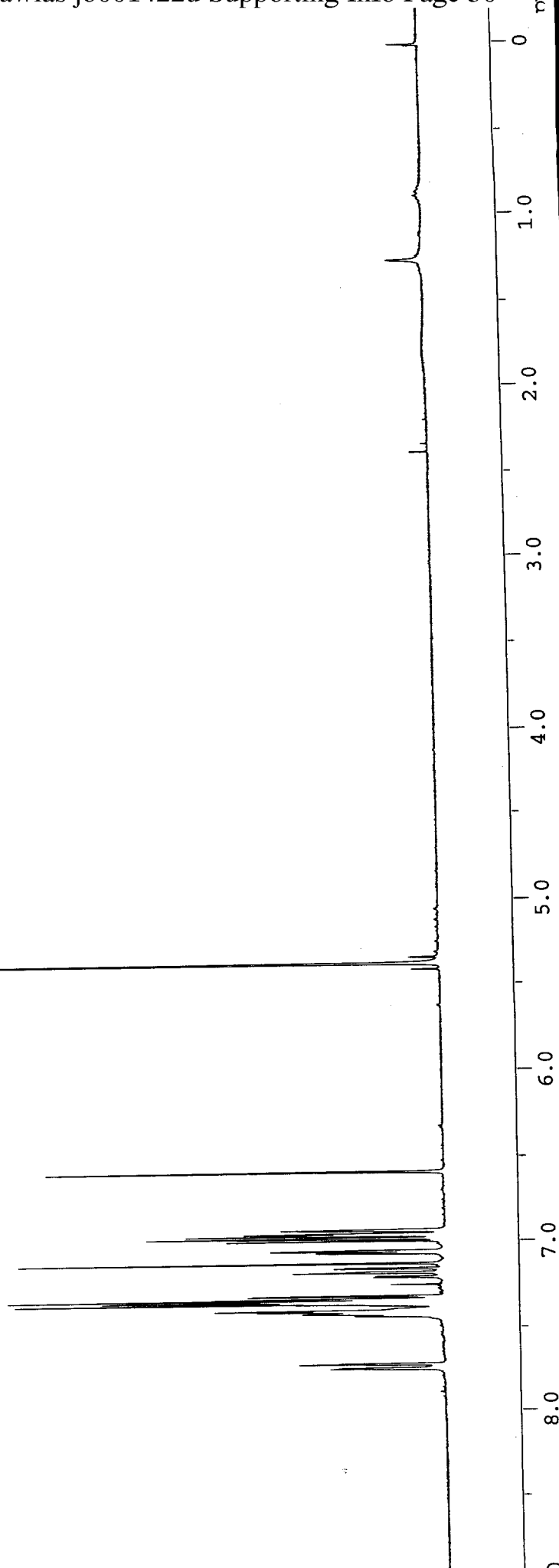
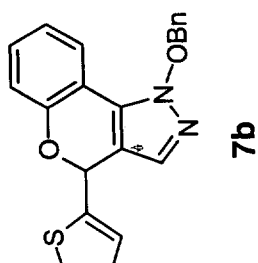


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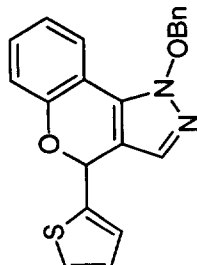
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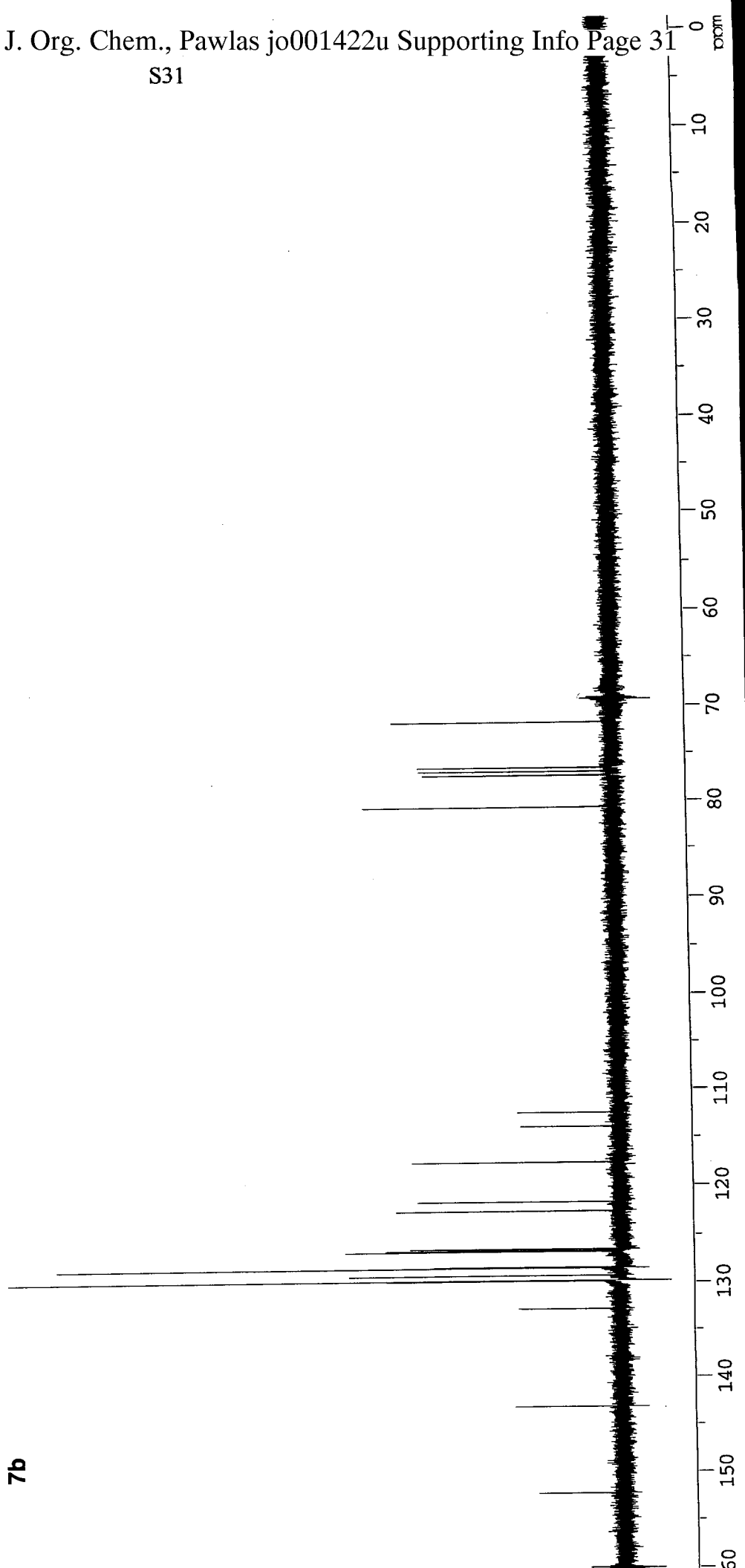
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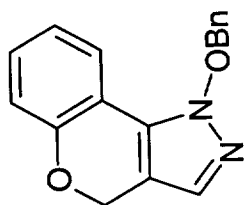


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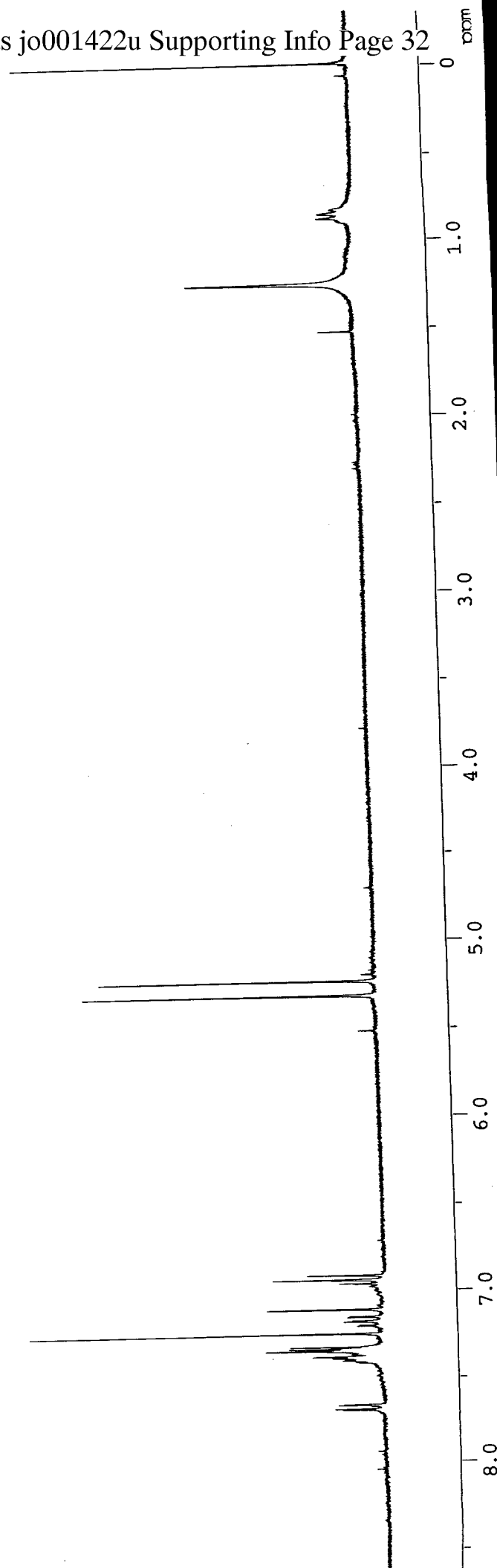


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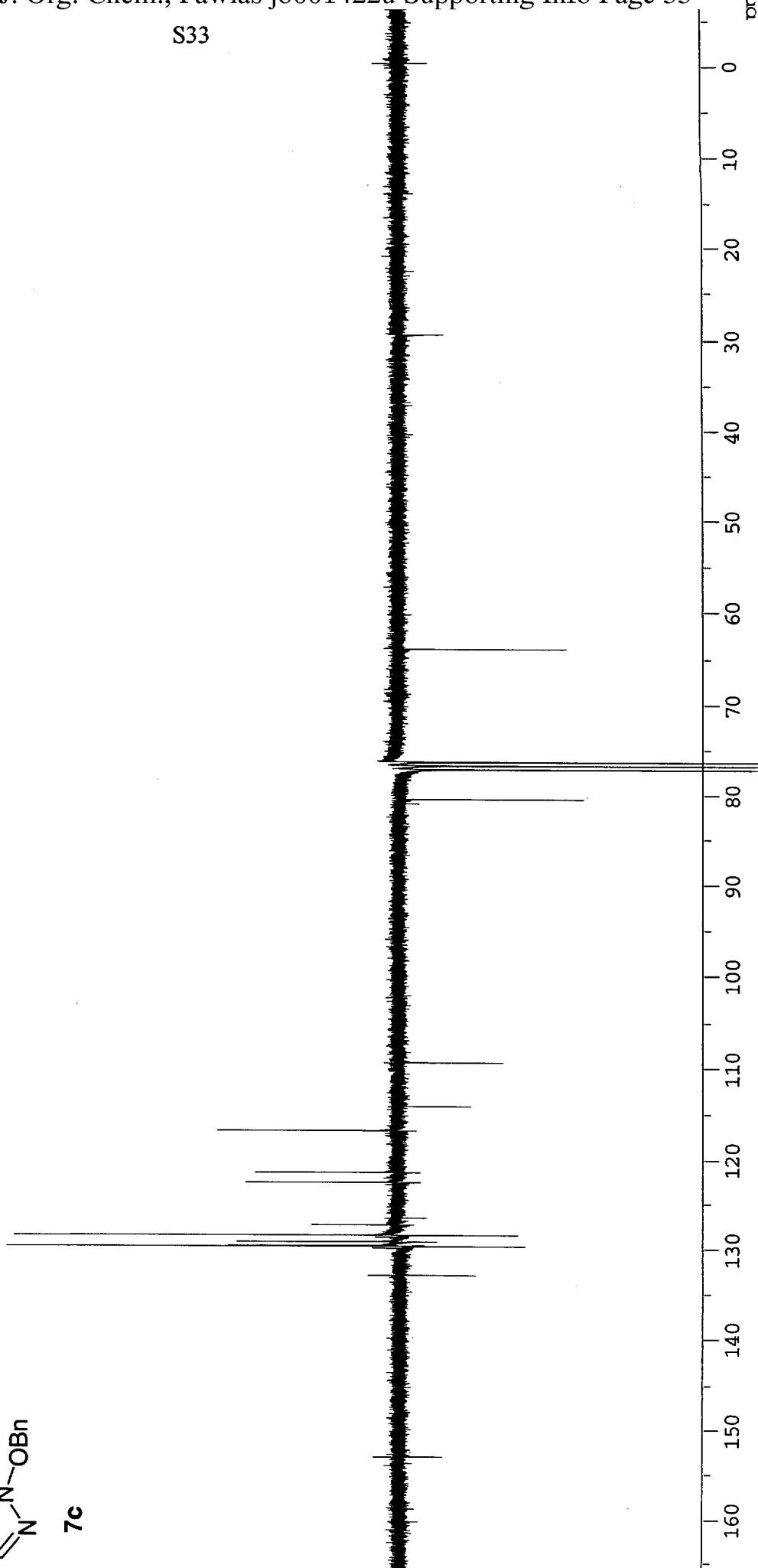
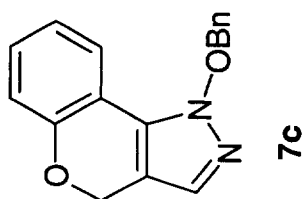


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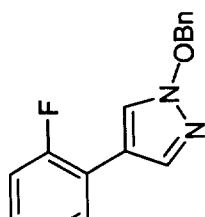
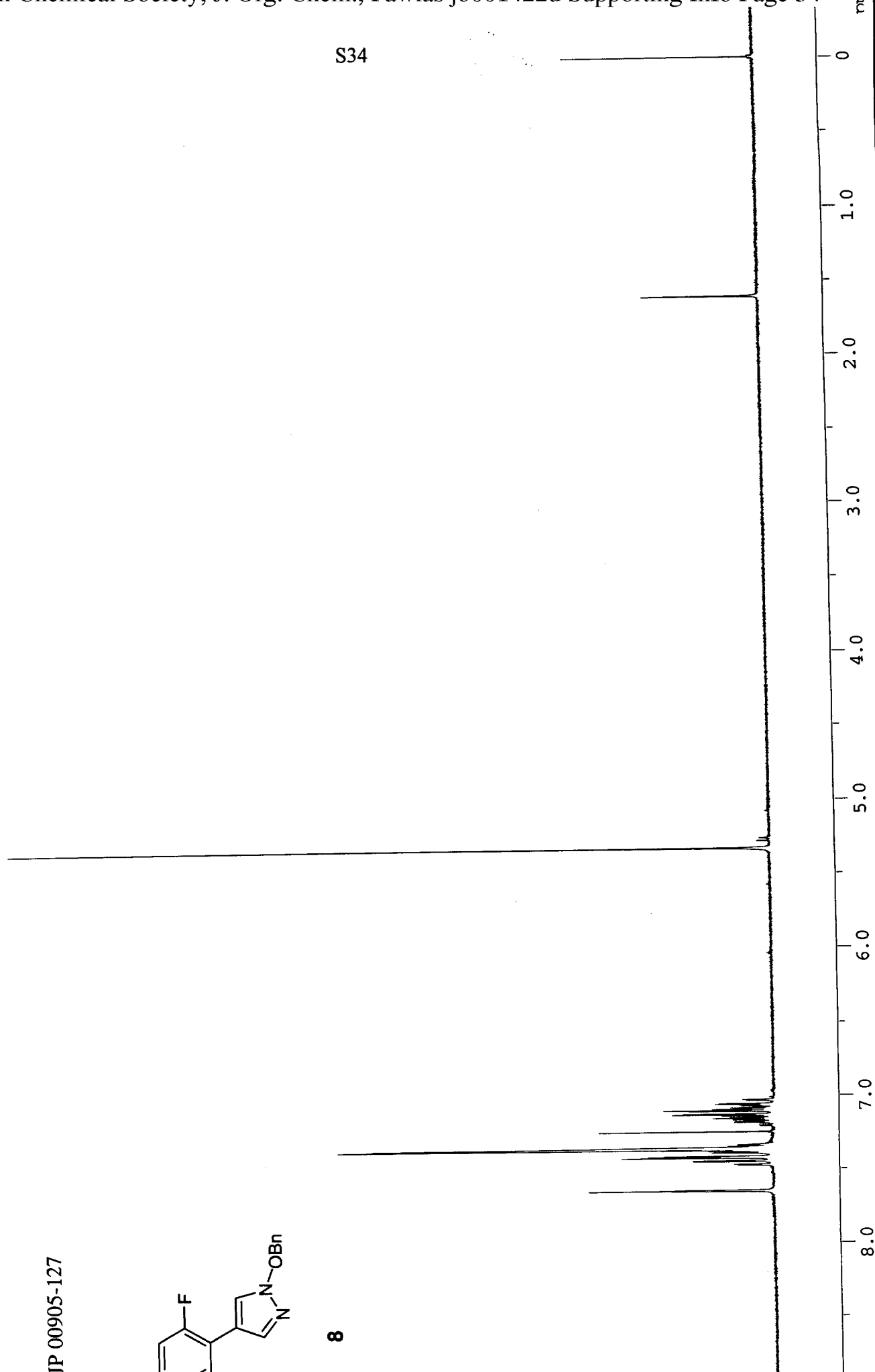


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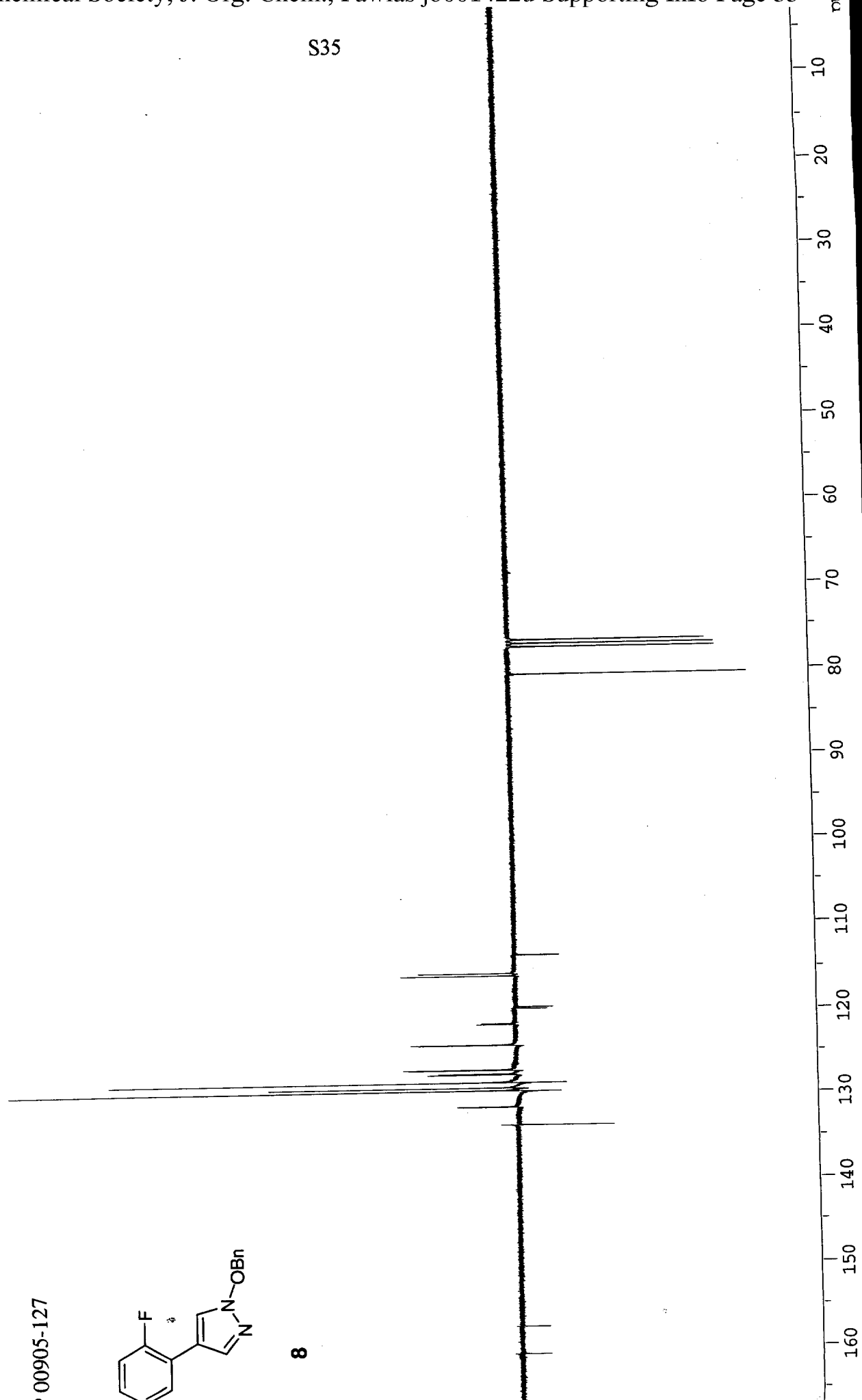
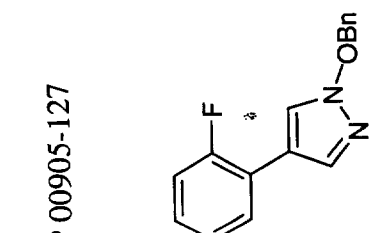


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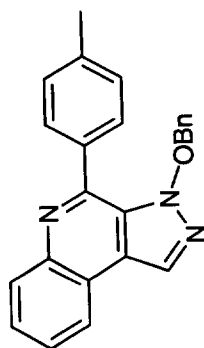
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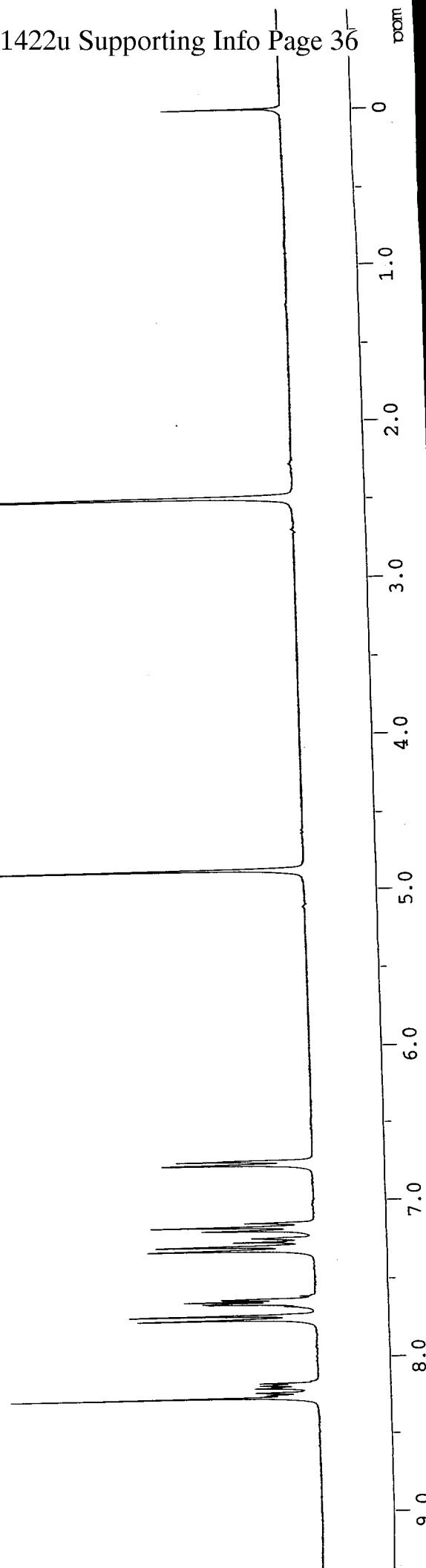


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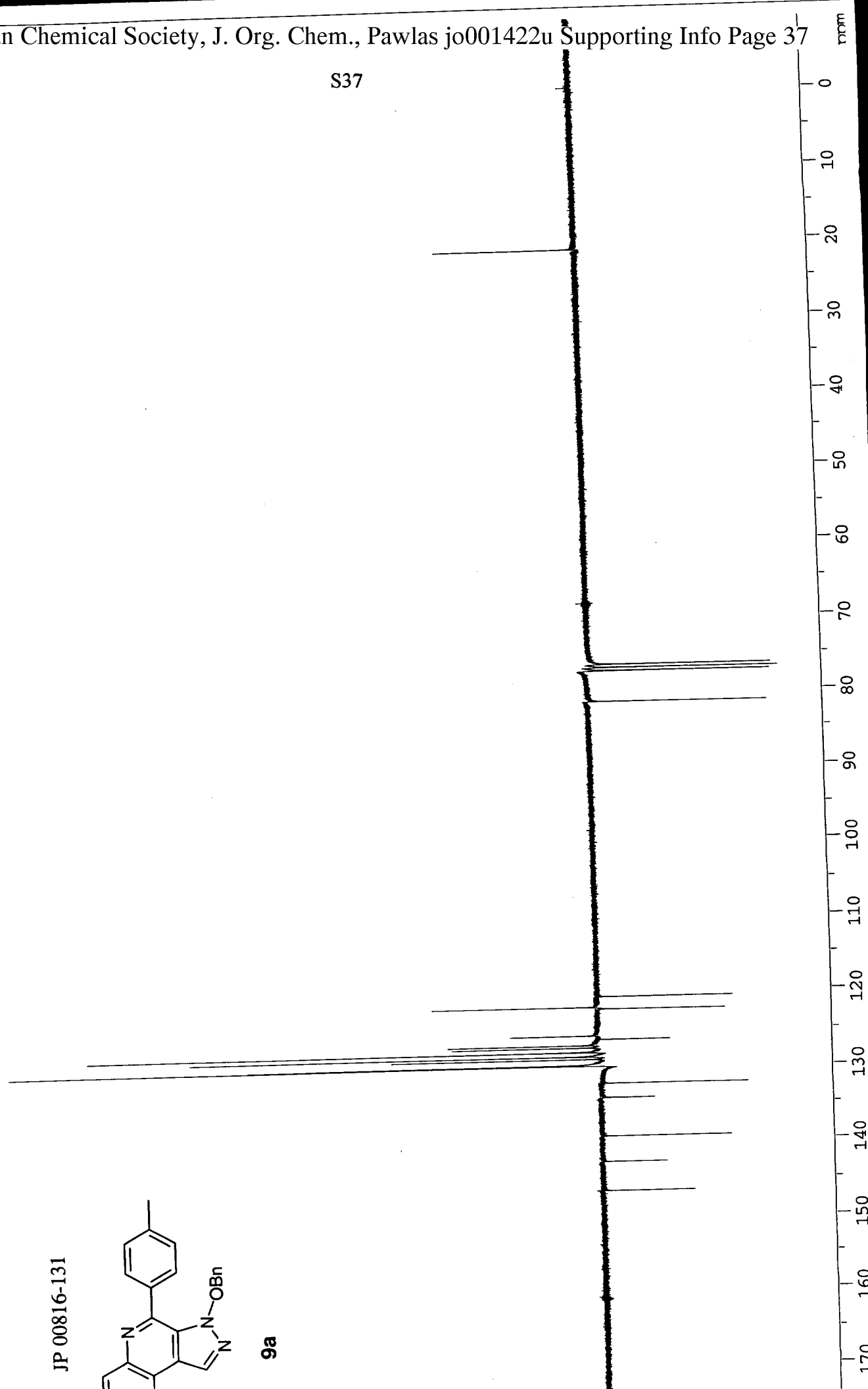
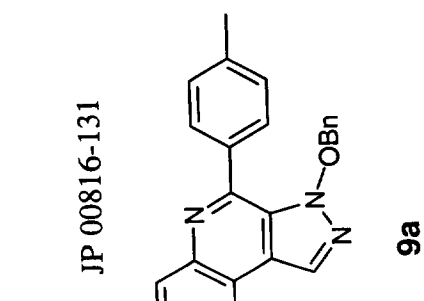
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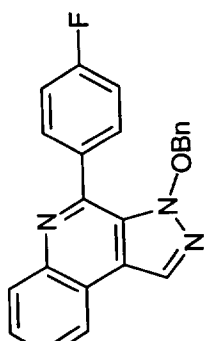


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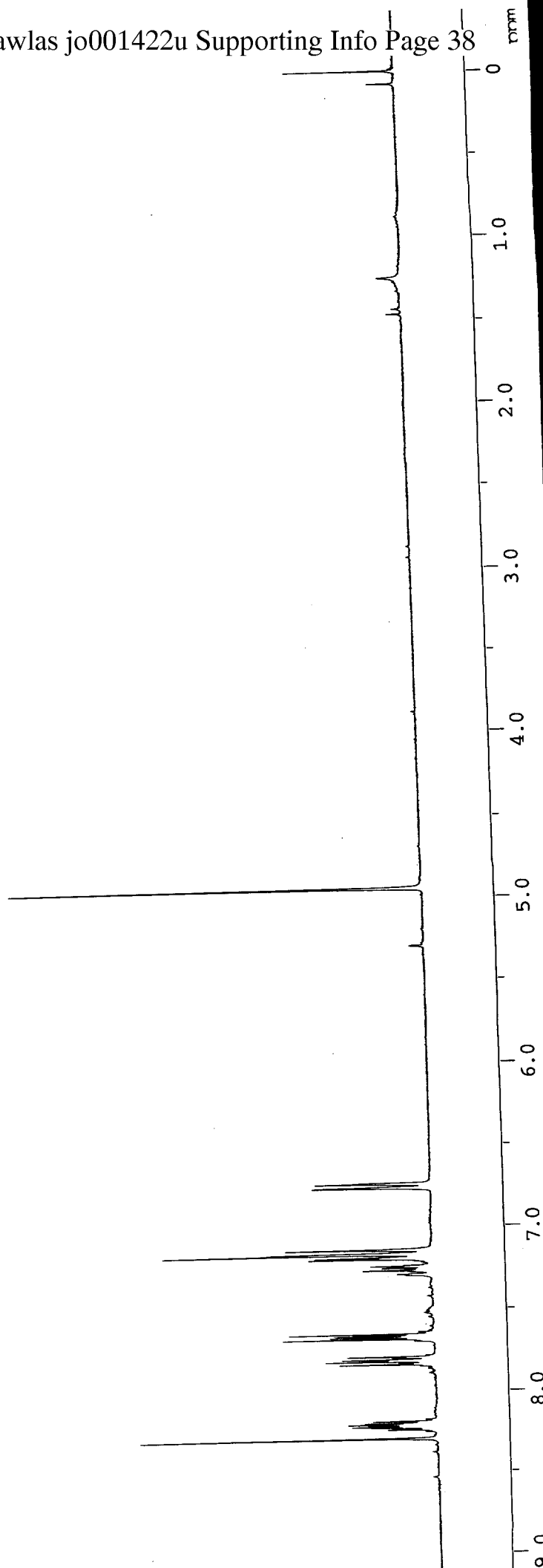


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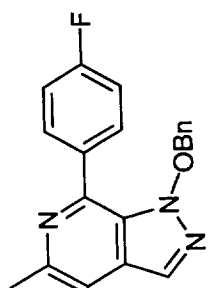


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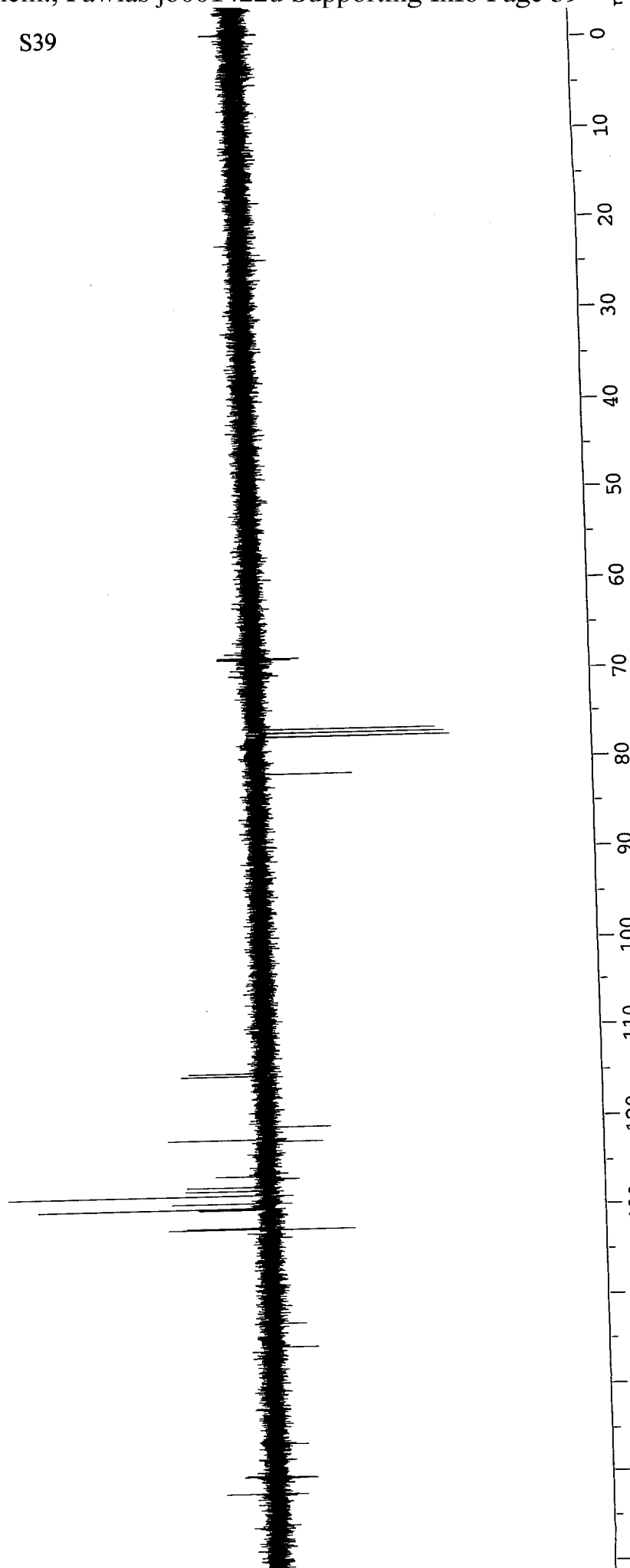


S39

JP 00906-071



9b



www

The chemical structure shows a benzotriazole core. A benzene ring is fused to the 4,5-positions of the triazole ring. At the 1-position of the triazole, there is a 4-methoxyphenyl group (a benzene ring with a methoxy group, -OMe, at the para position). At the 2-position of the triazole, there is a benzyloxy group (-OBn, where Bn is a benzyl group).

99

