## Synthesis of the Proposed Structure of Phaeosphaeride A

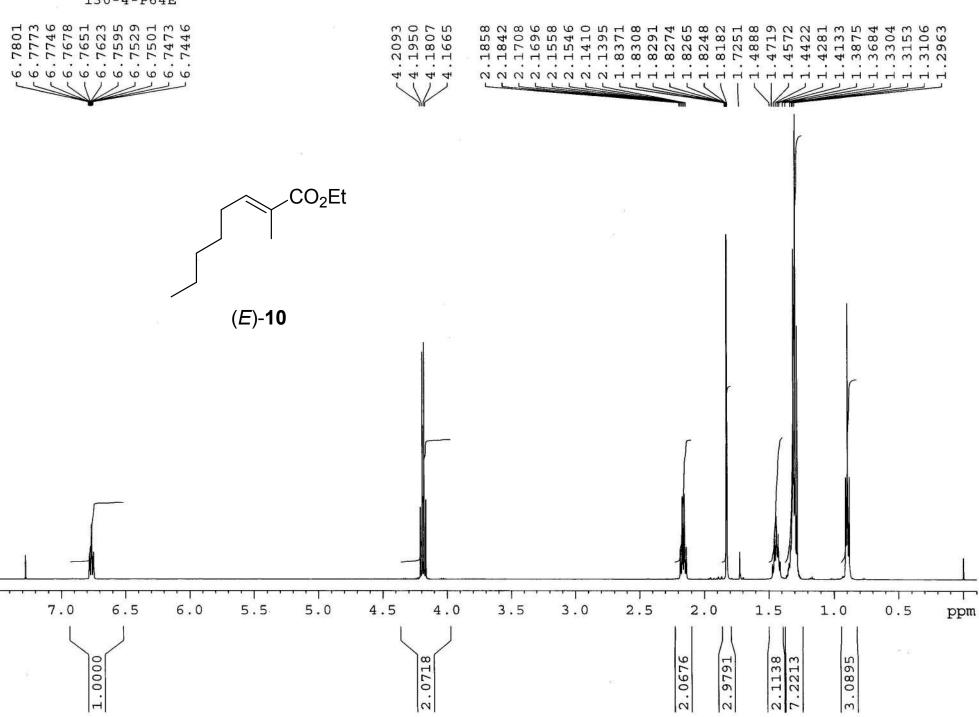
Kenichi Kobayashi,<sup>a</sup> Iwao Okamoto,<sup>b</sup> Nobuyoshi Morita,<sup>b</sup> Tamiko Kiyotani,<sup>b</sup> and Osamu Tamura\*<sup>b</sup>

<sup>a</sup> Discovery Research Laboratories, Kyorin Pharmaceutical Co., Ltd., 2399-1, Nogi, Nogi-Machi, Shimotsuga-Gun, Tochigi 329-0114, Japan

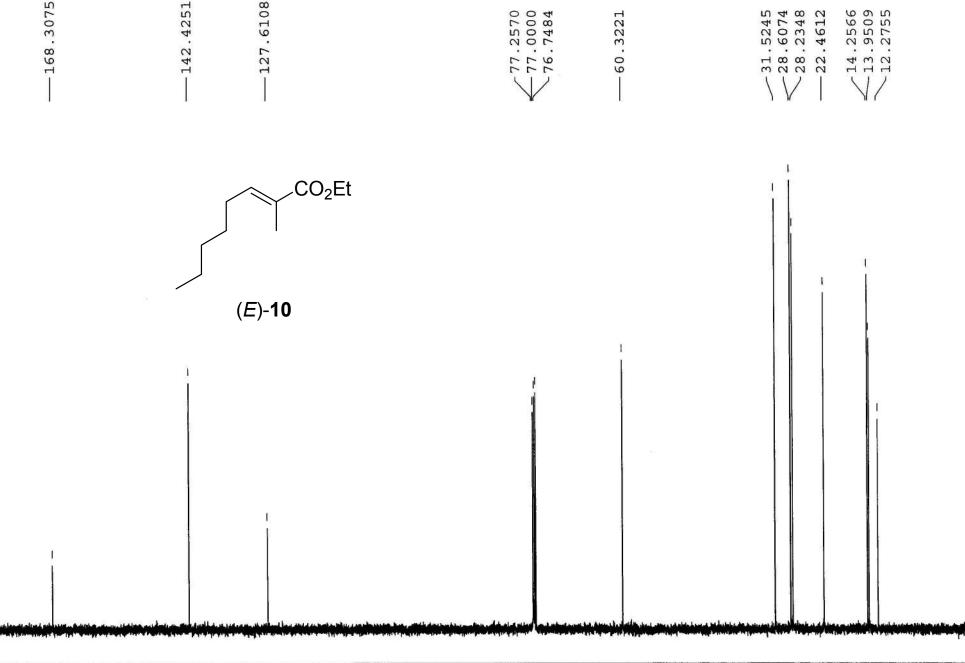
<sup>b</sup> Showa Pharmaceutical University, 3-3165 Higashi-tamagawagakuen, Machida, Tokyo 194-8543, Japan. Fax: +81 (42) 1579; E-mail: tamura@ac.shoyaku.ac.jp

<sup>1</sup>H and <sup>13</sup>C NMR spectra

1H 130-4-P64E

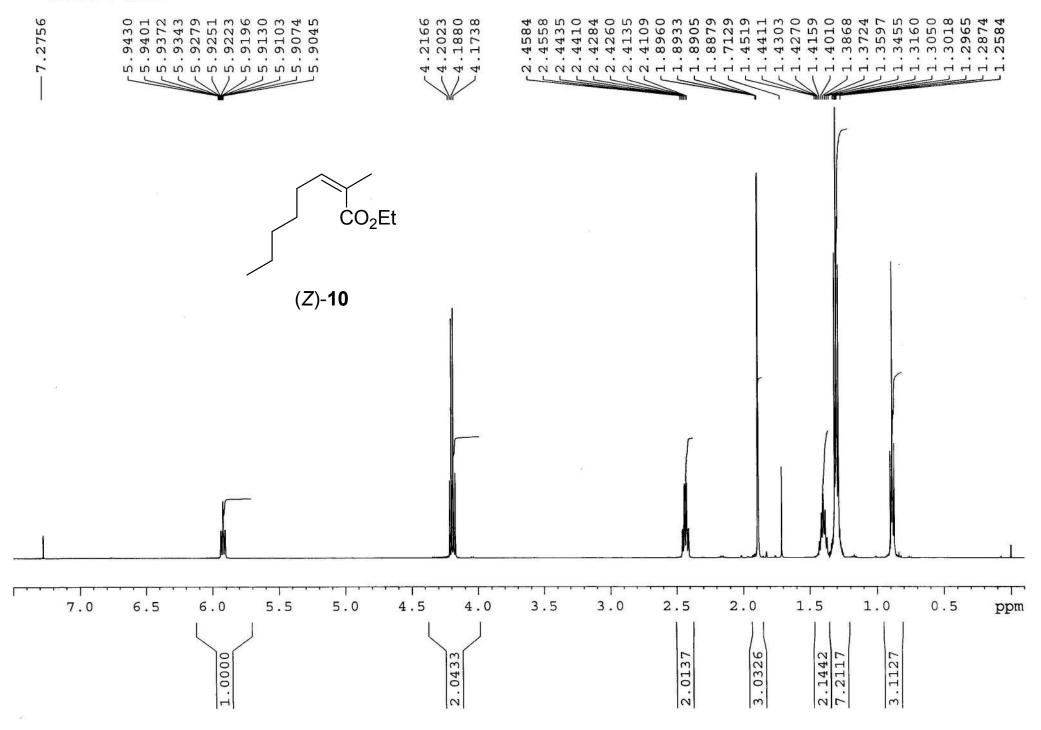


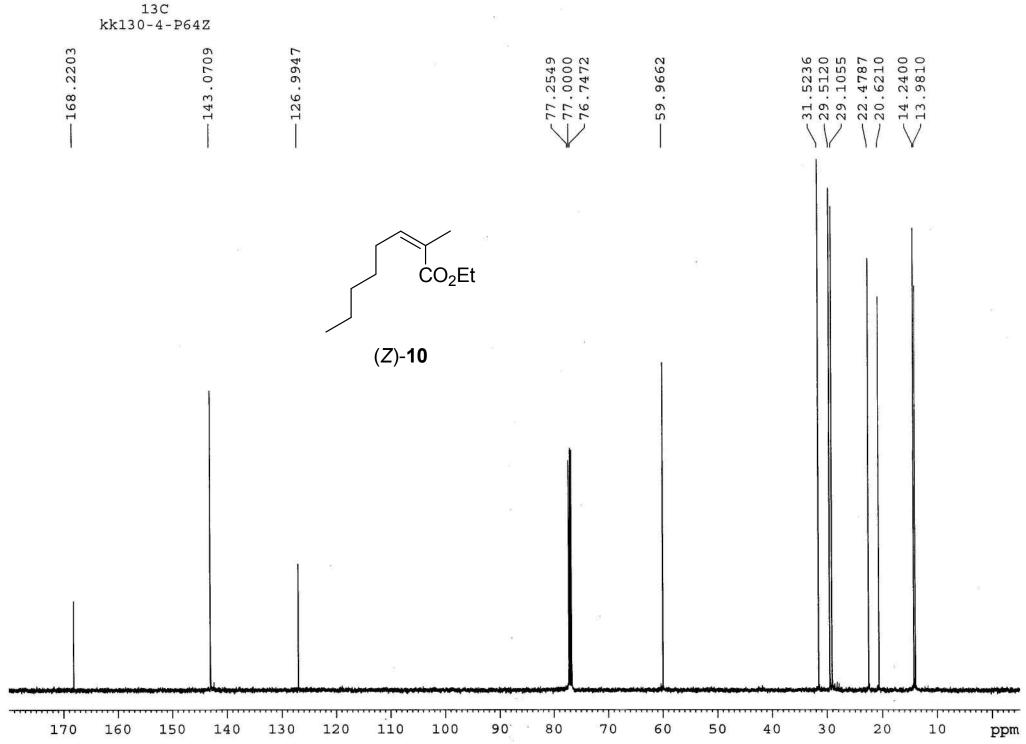
13C 130-4-P64E 142.4251 127.6108



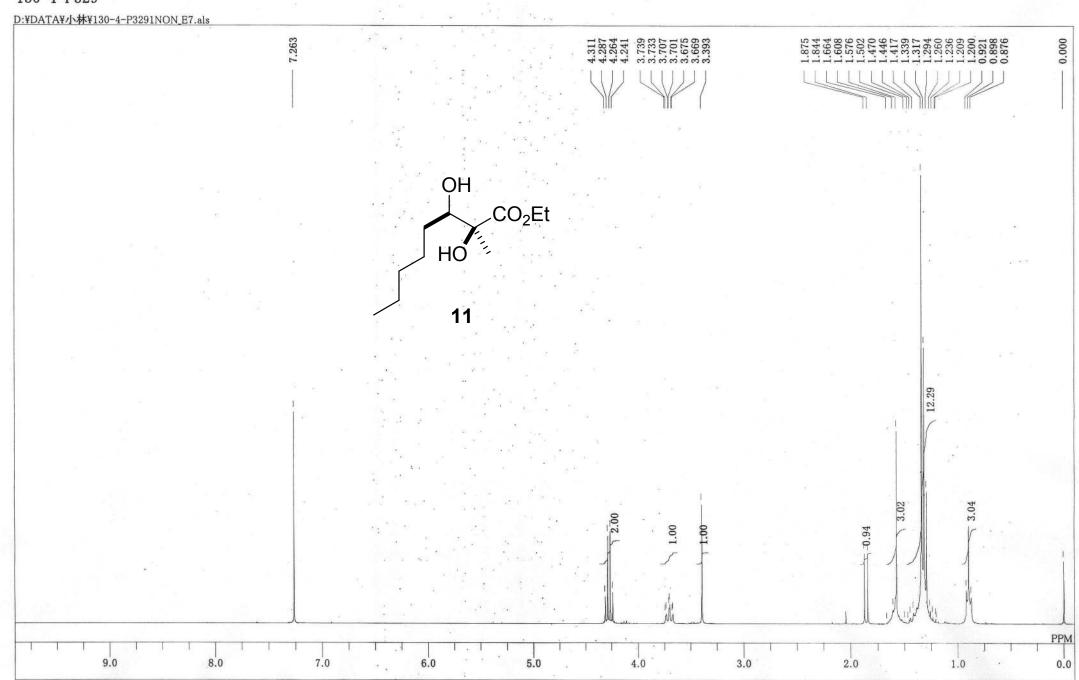
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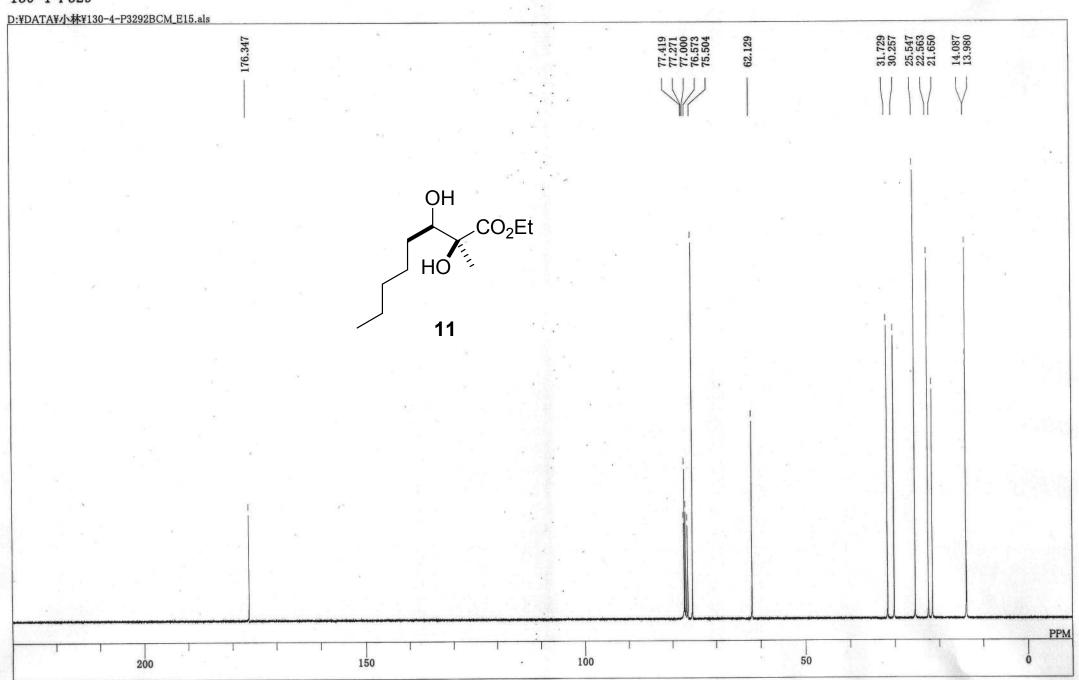




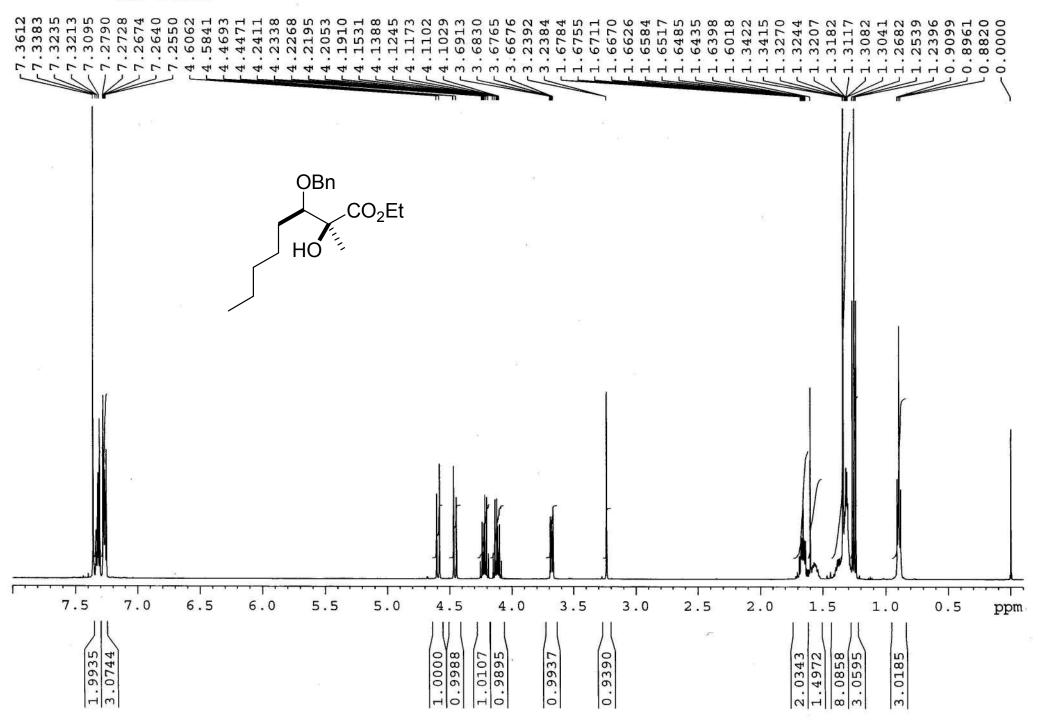
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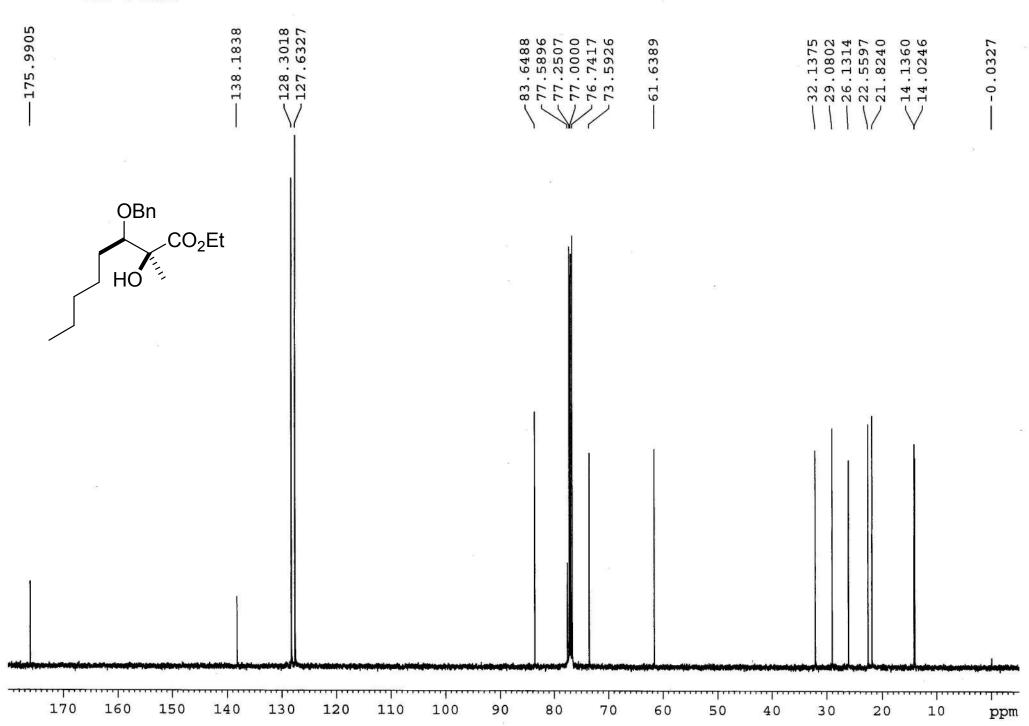
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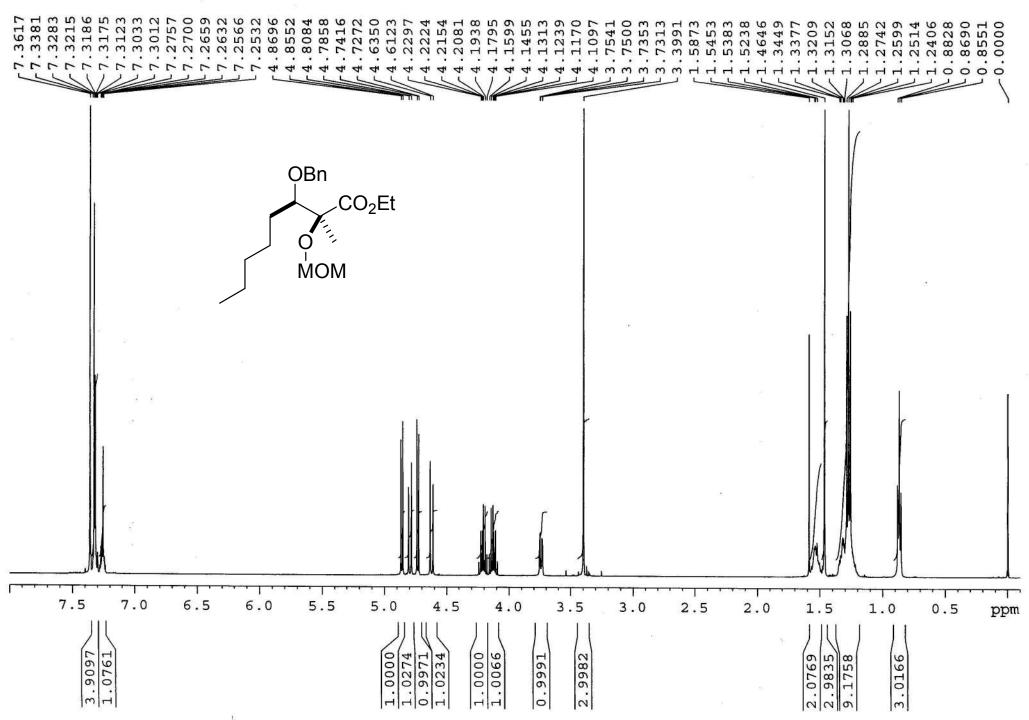
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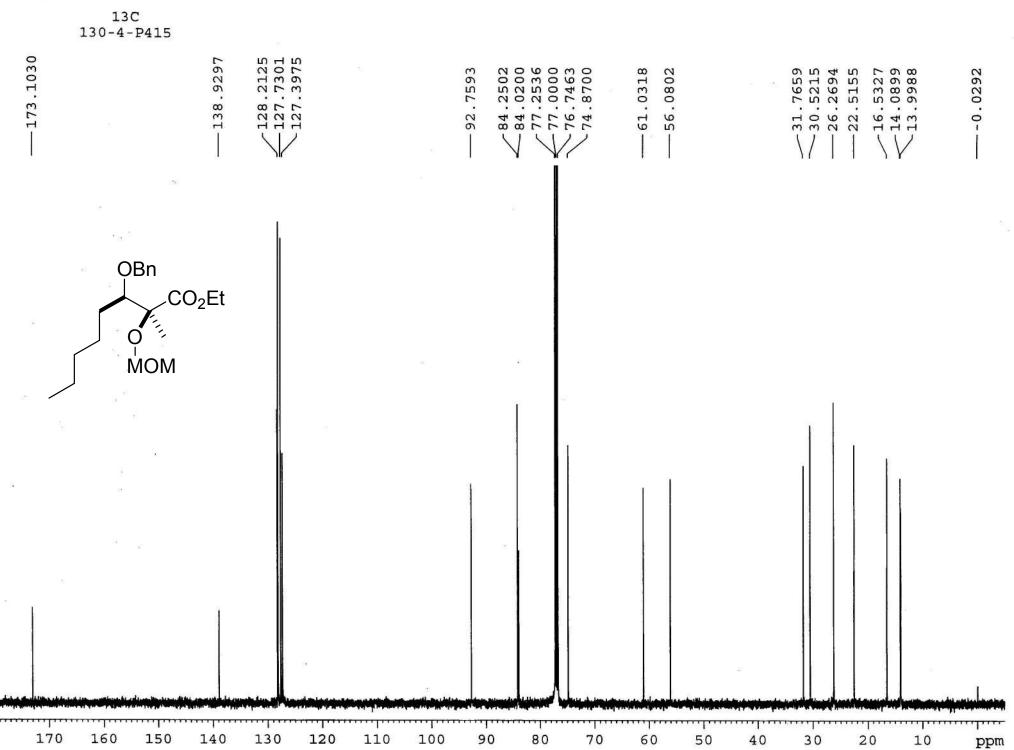


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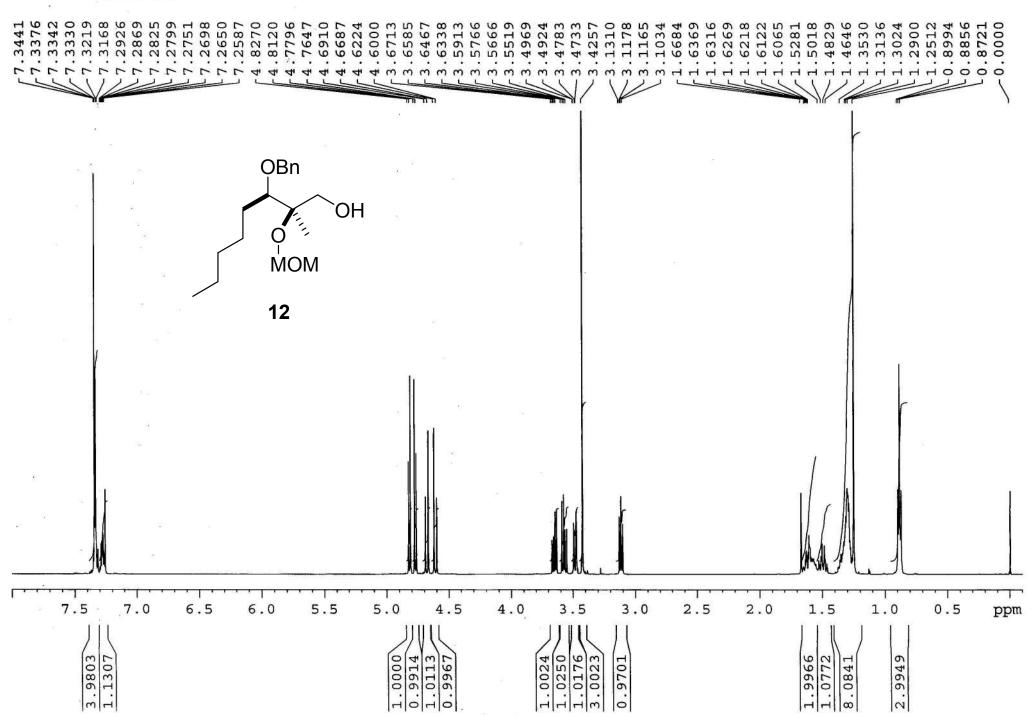


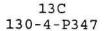
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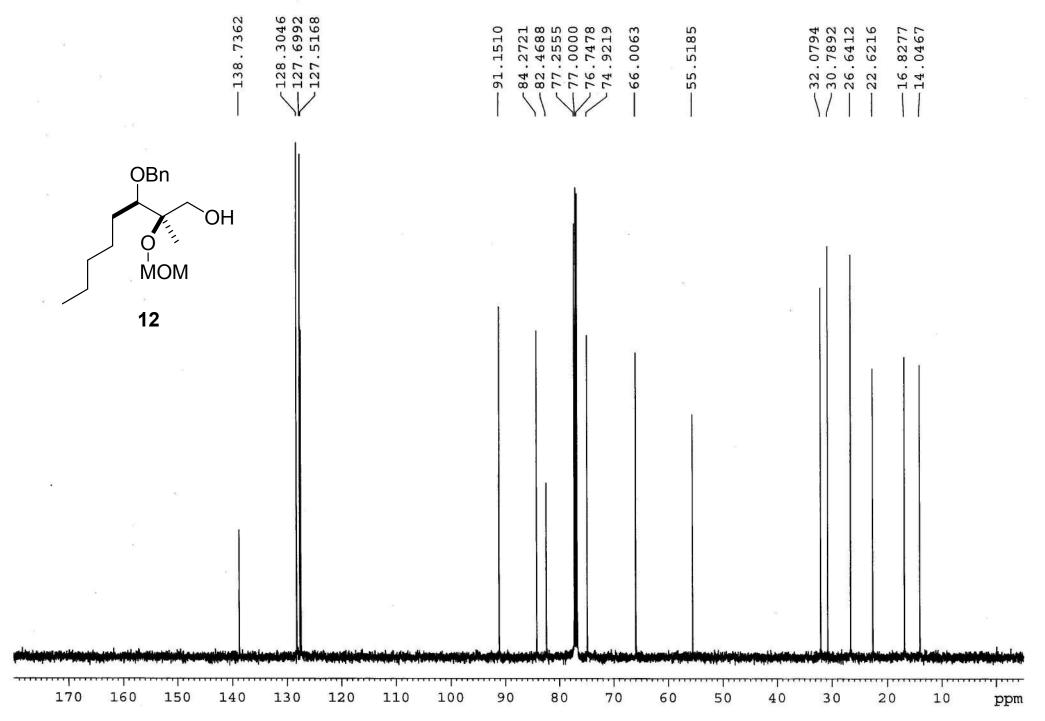


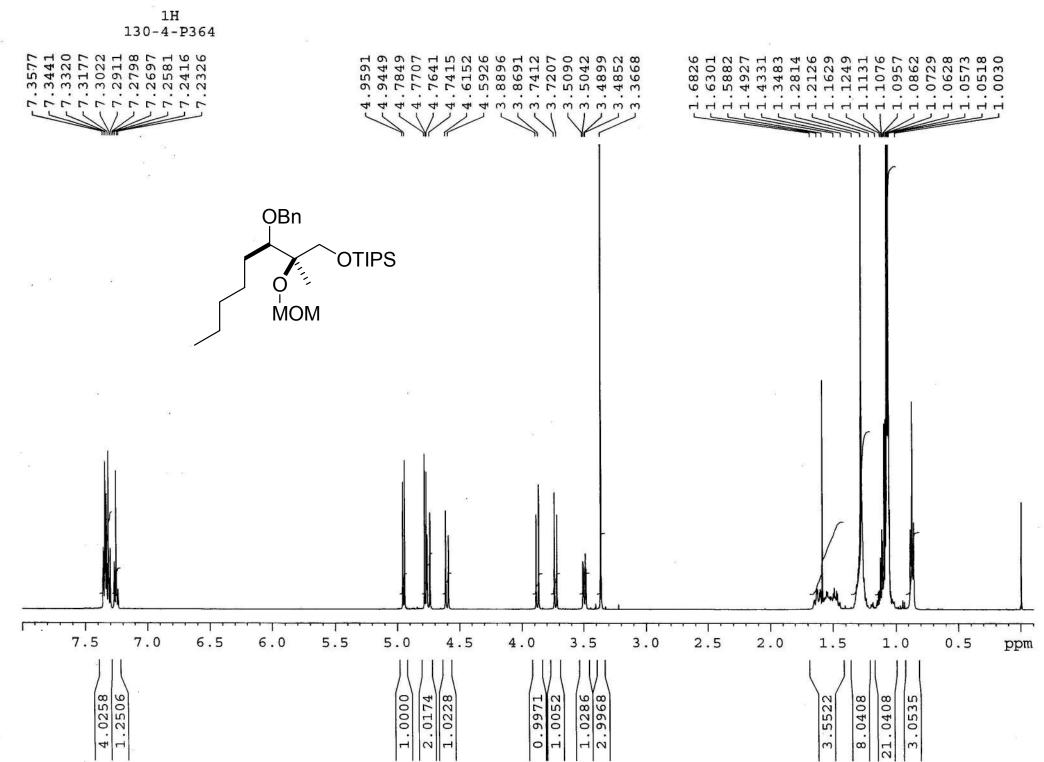


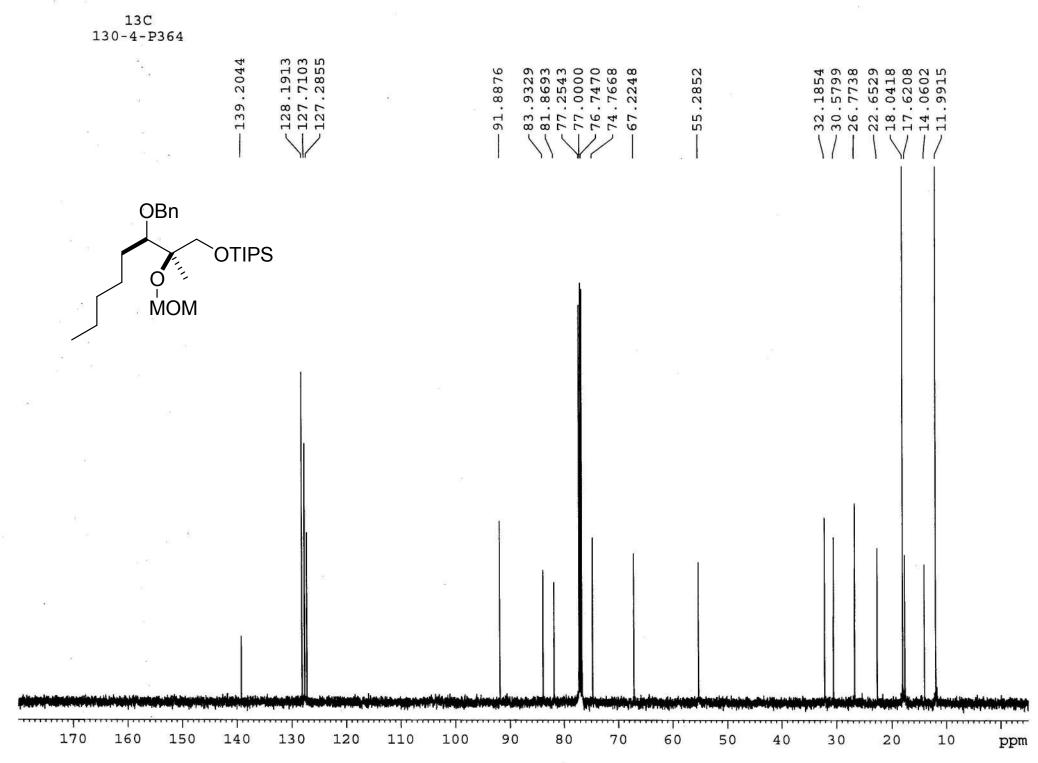
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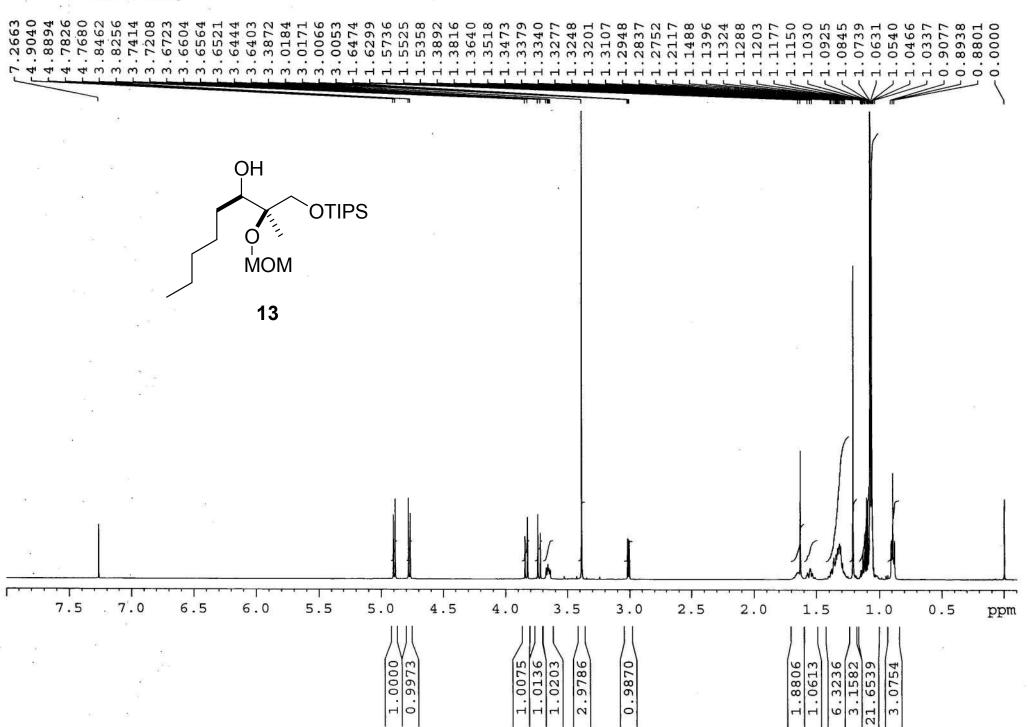




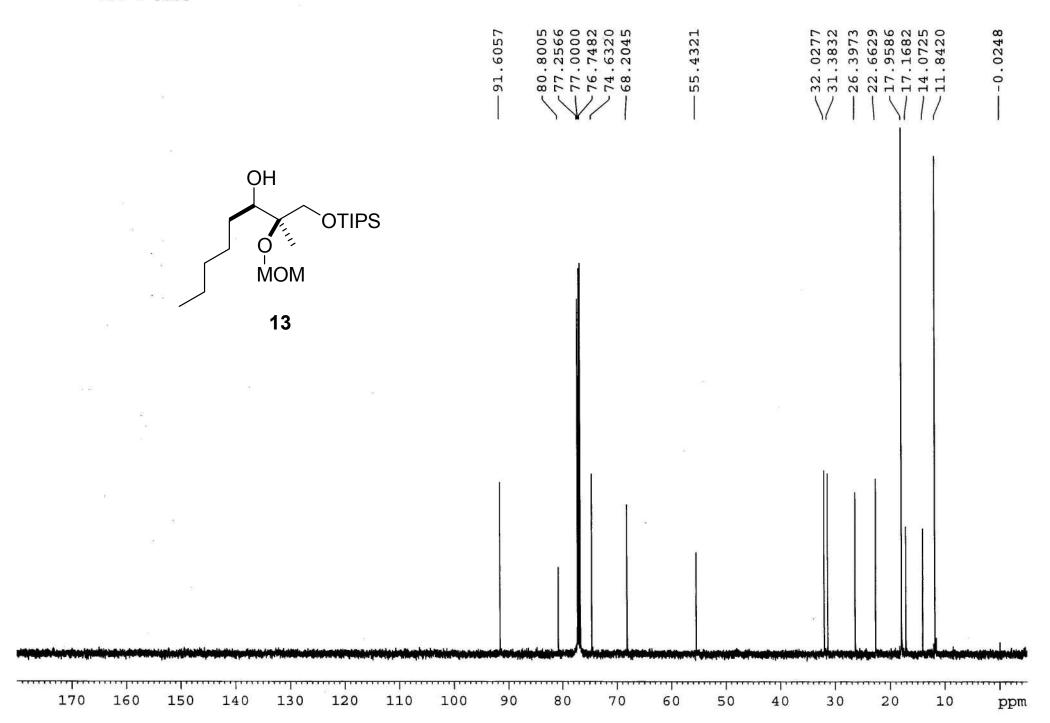




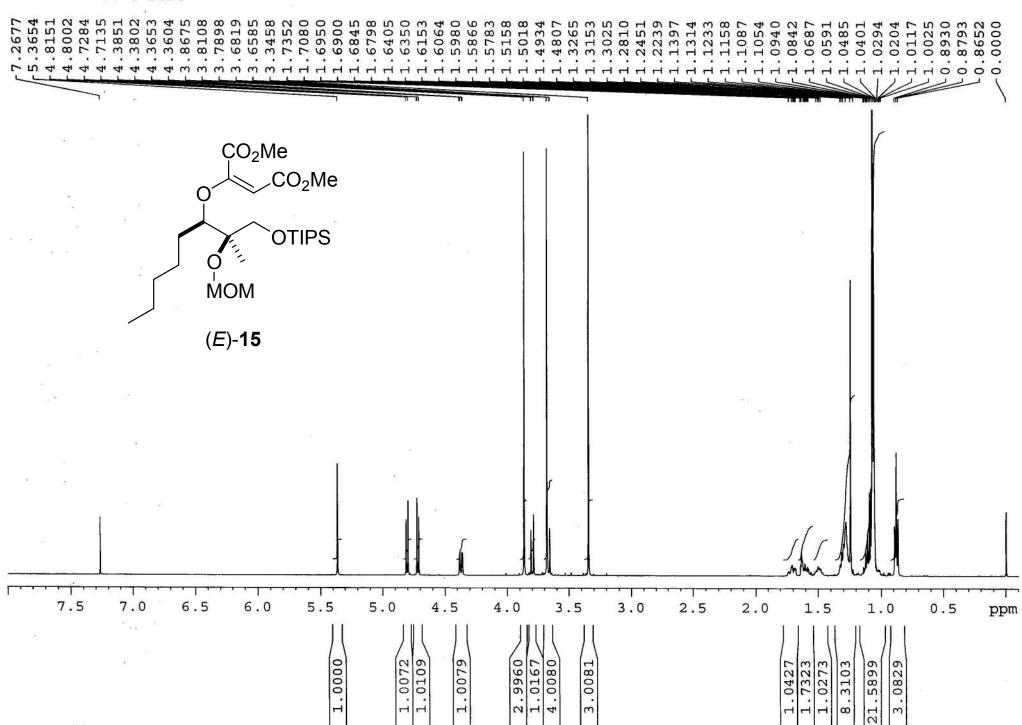
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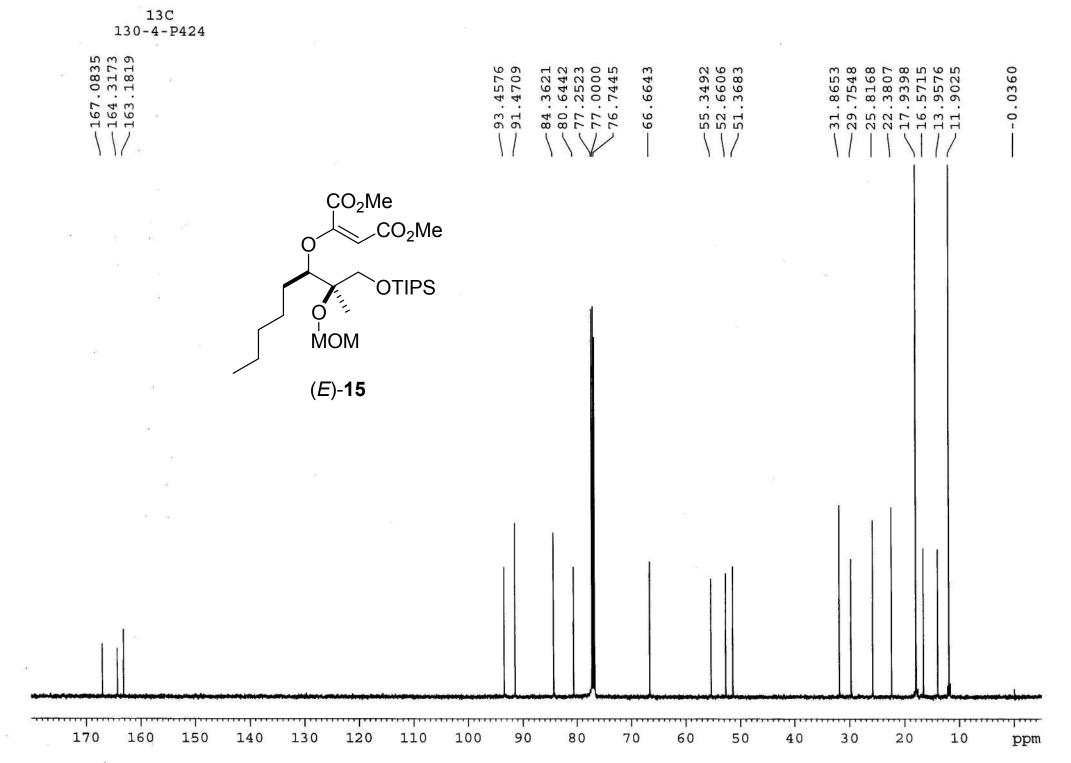


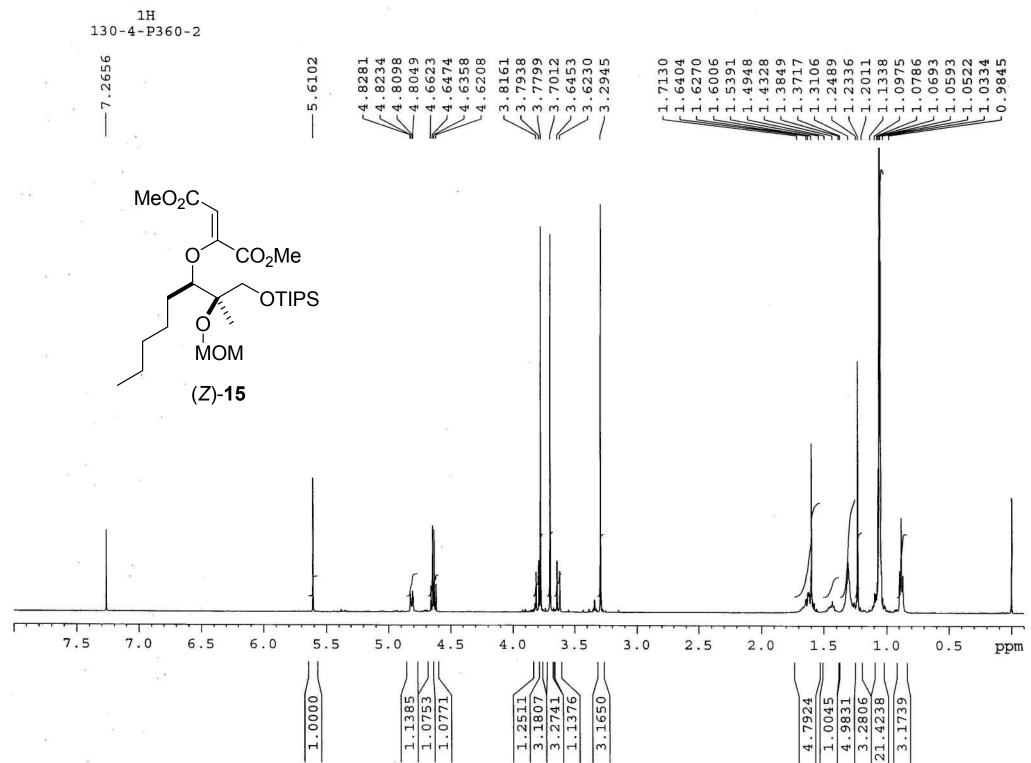
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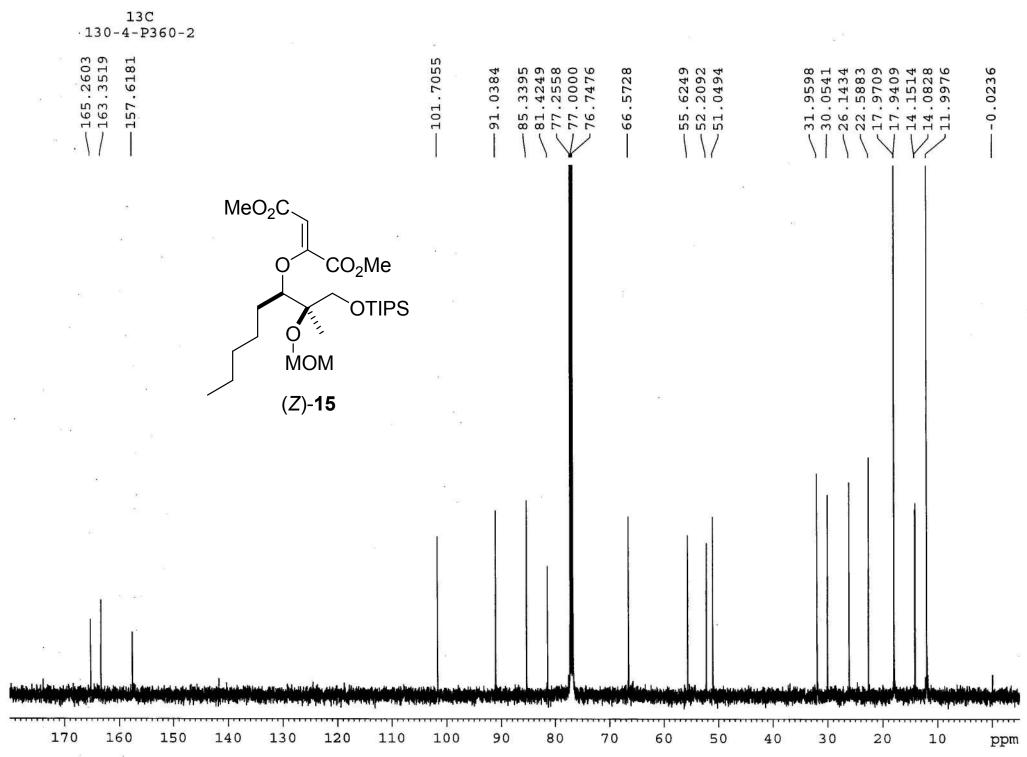


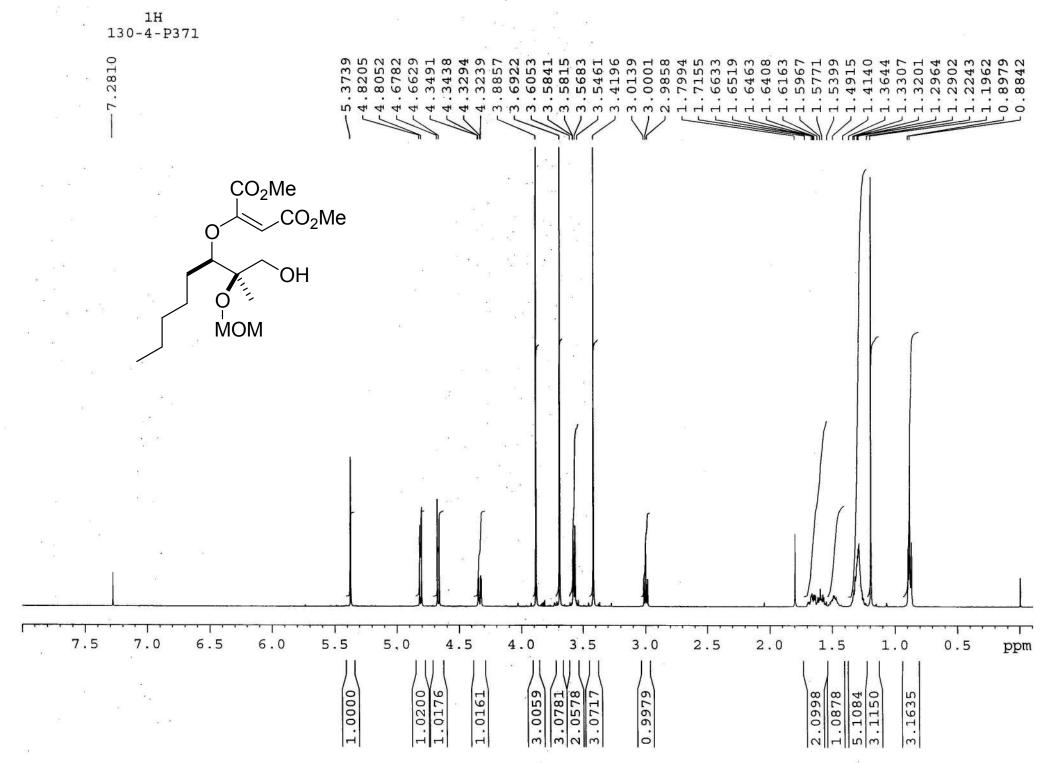
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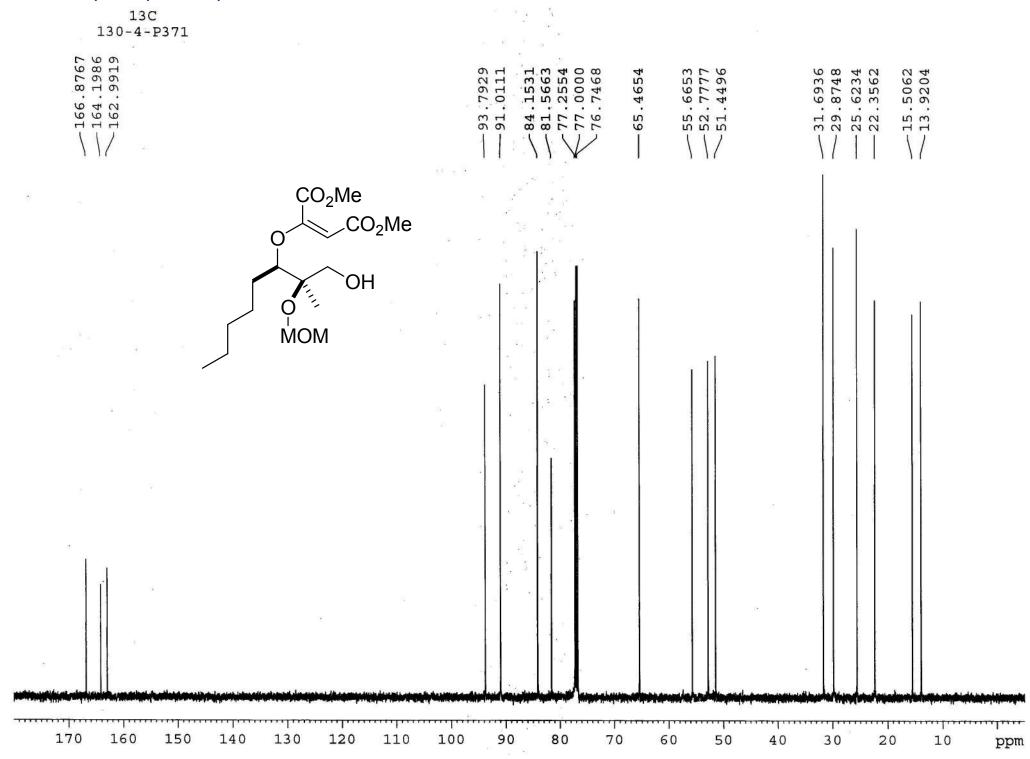




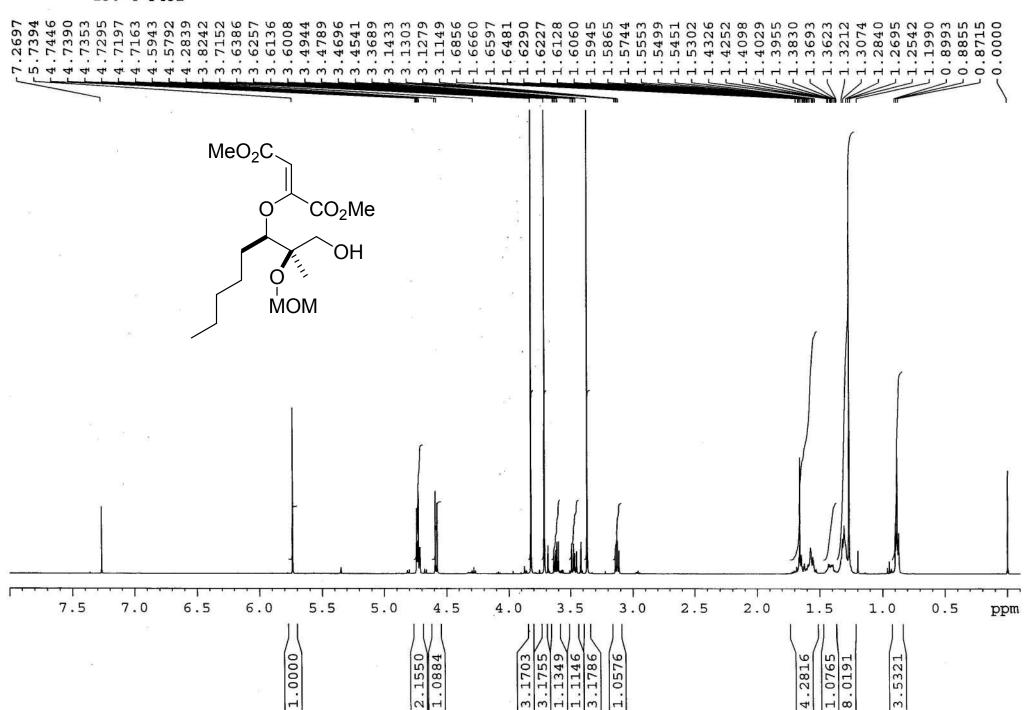


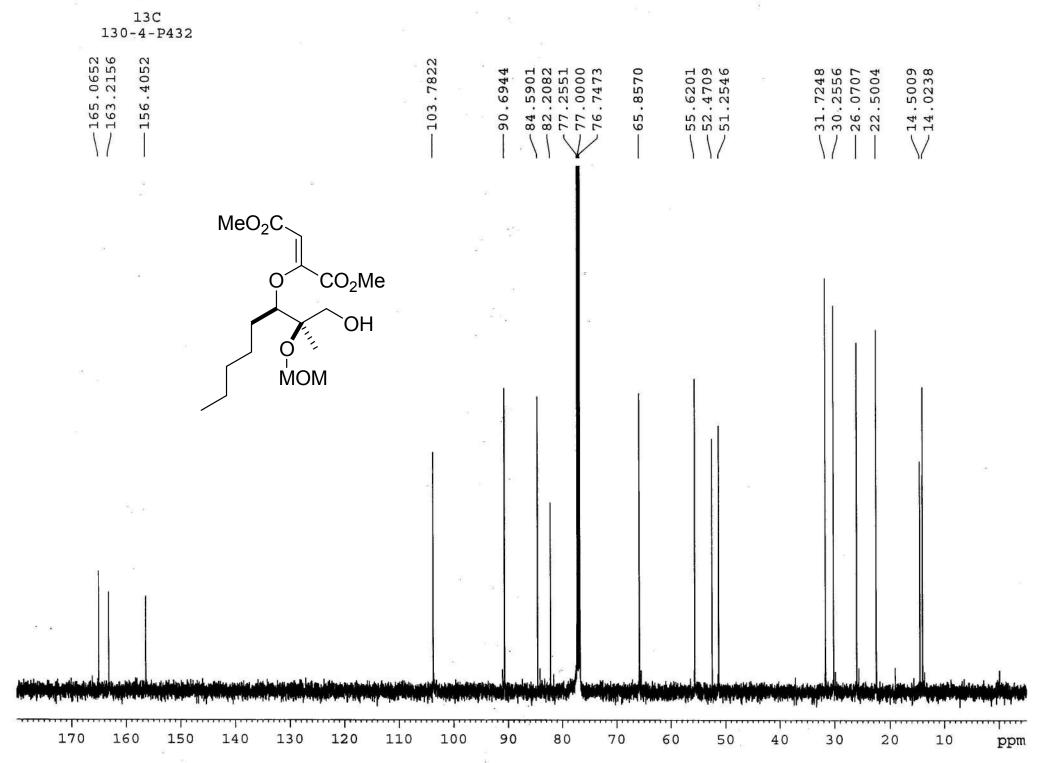


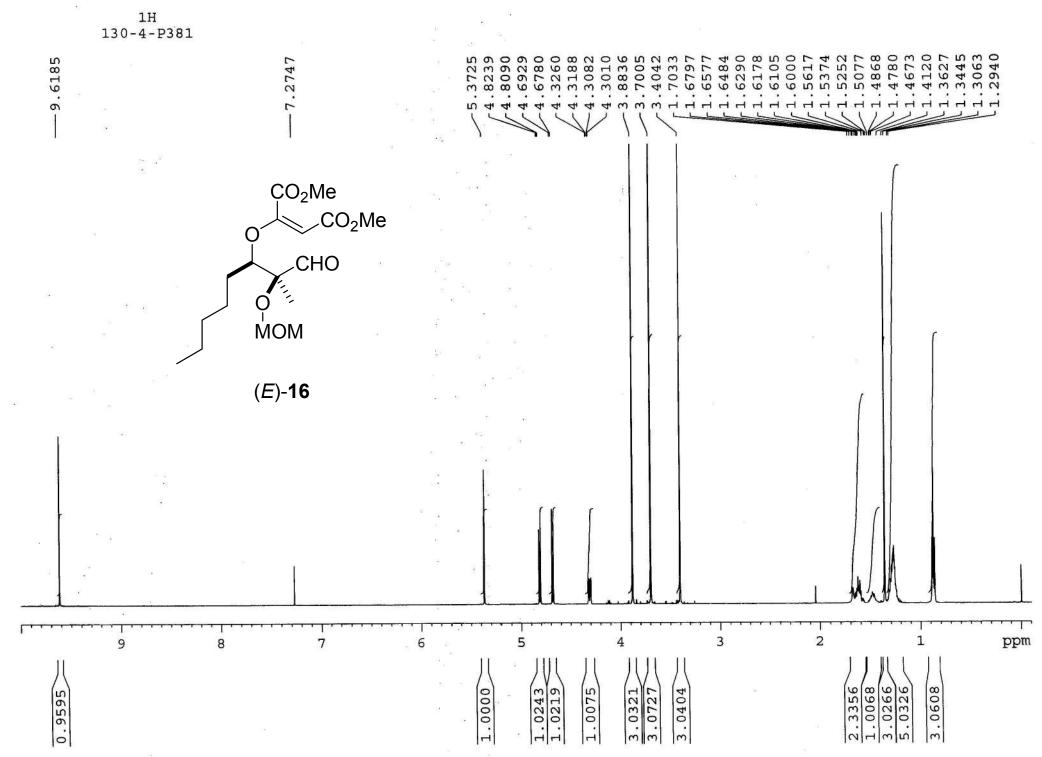


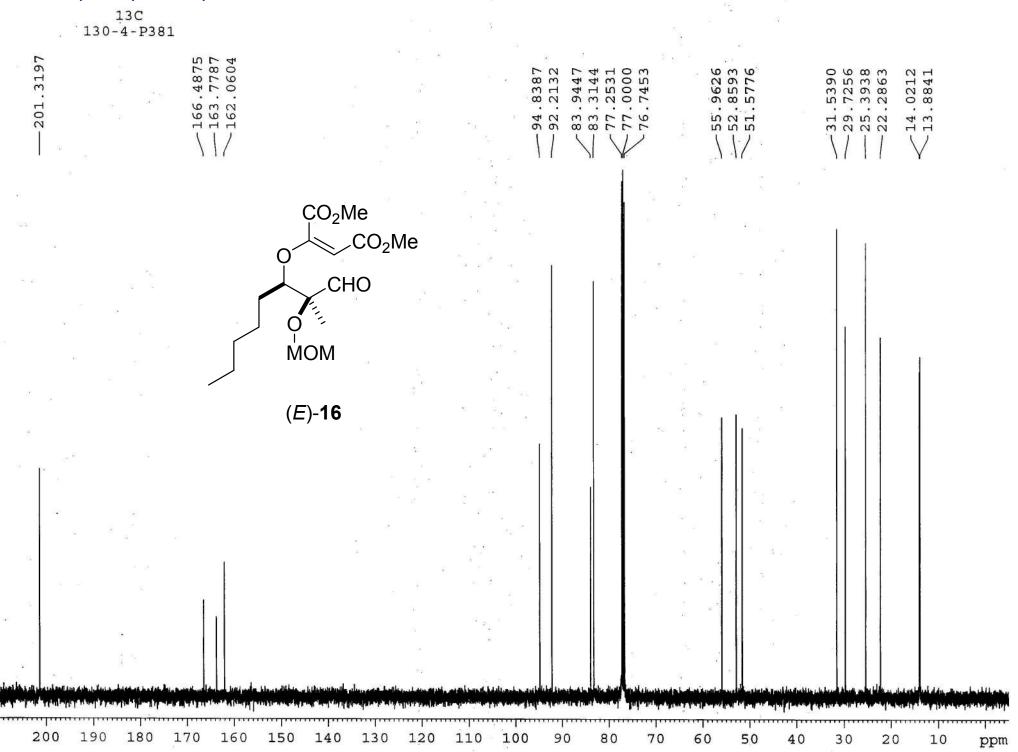


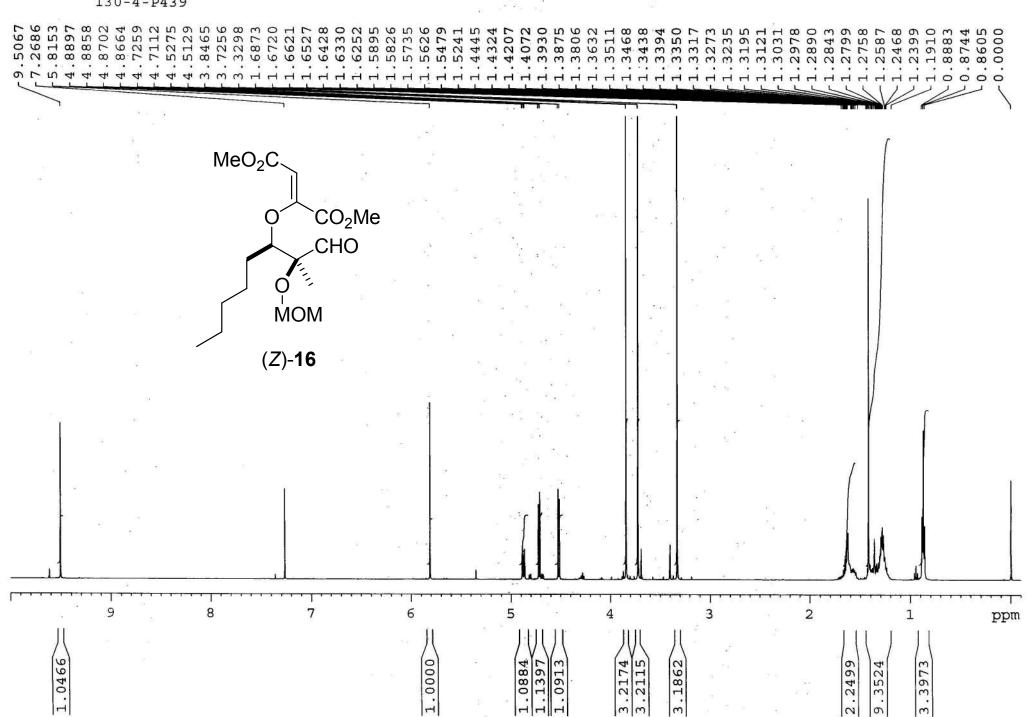
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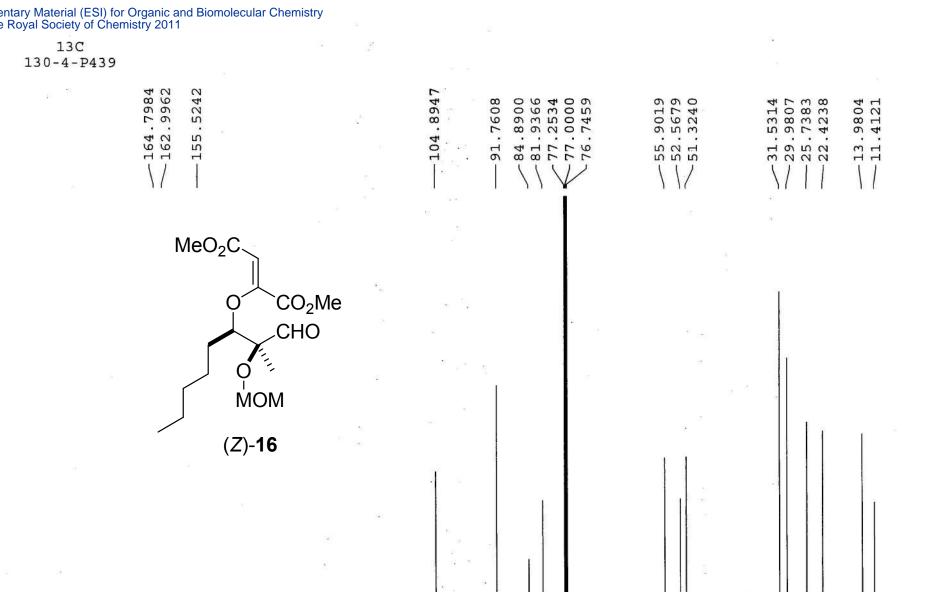


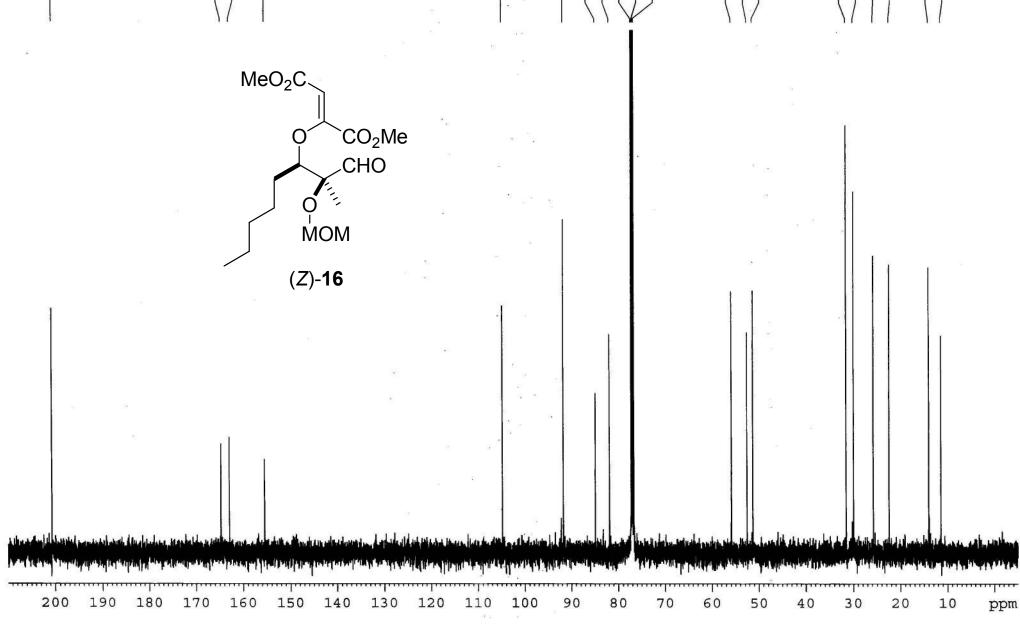


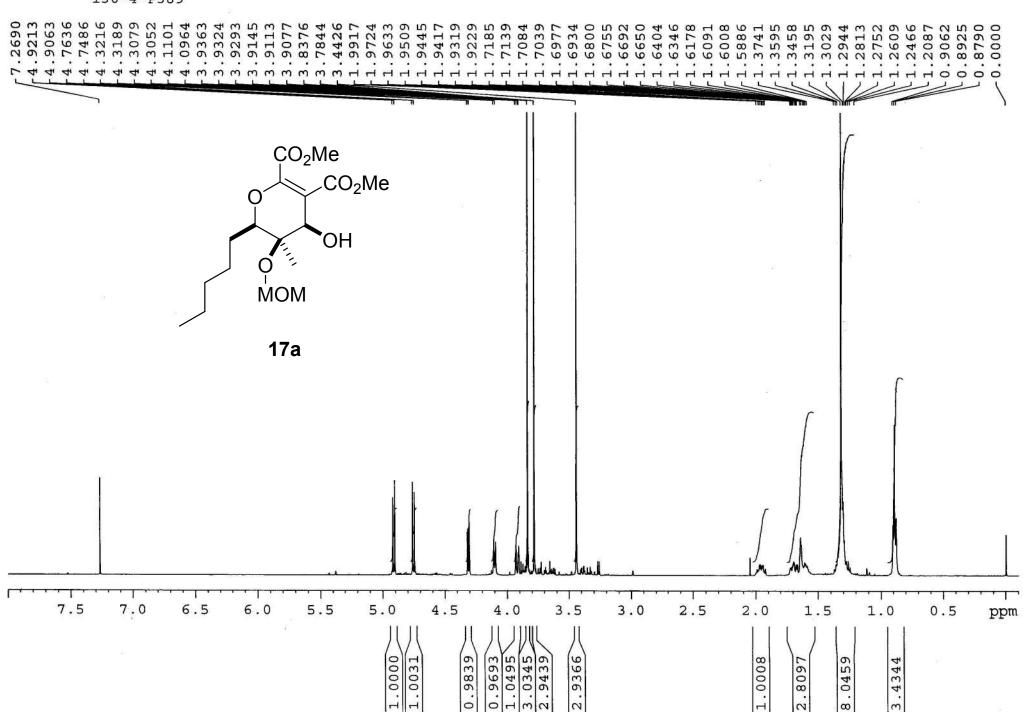


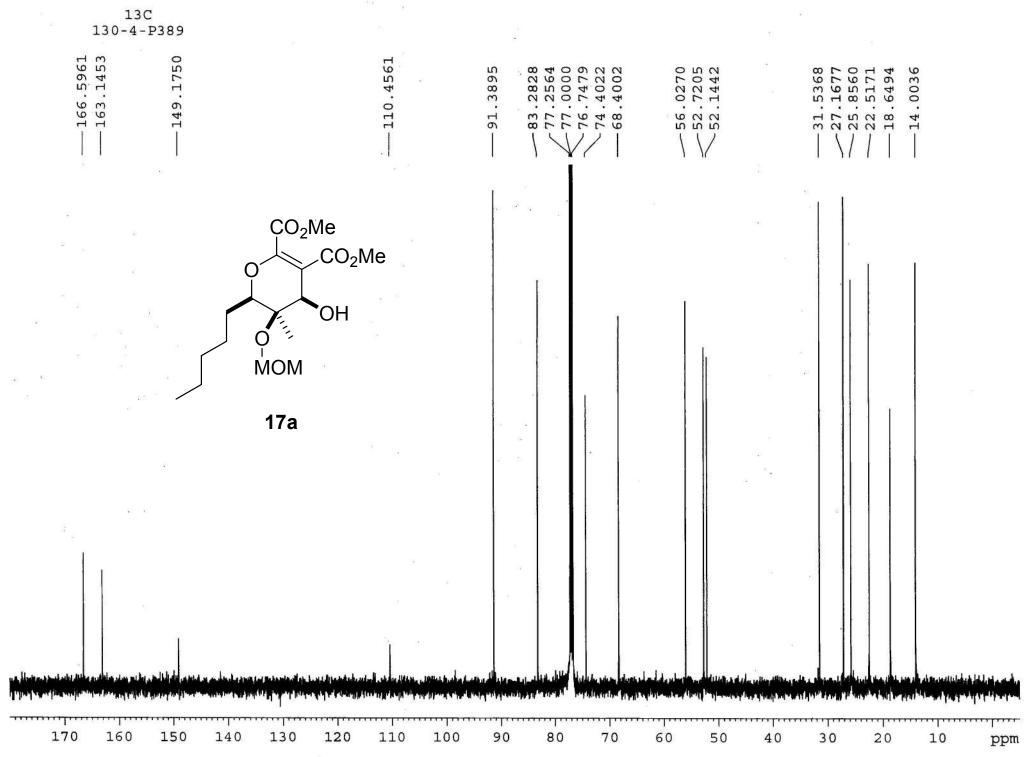


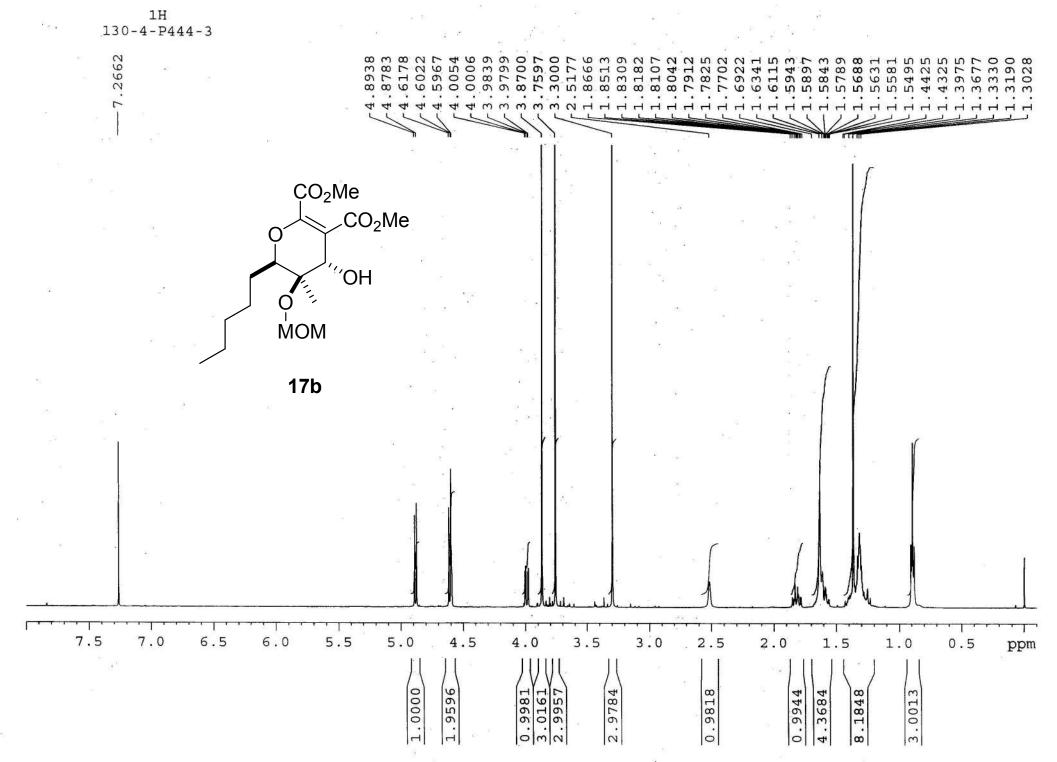
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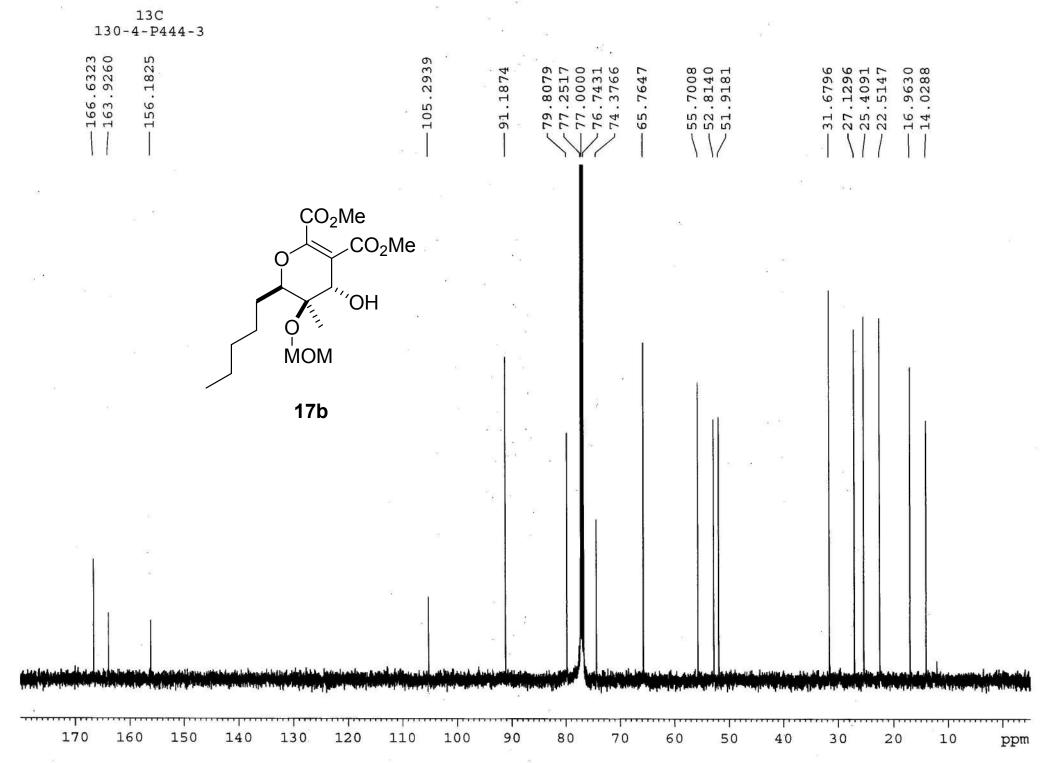


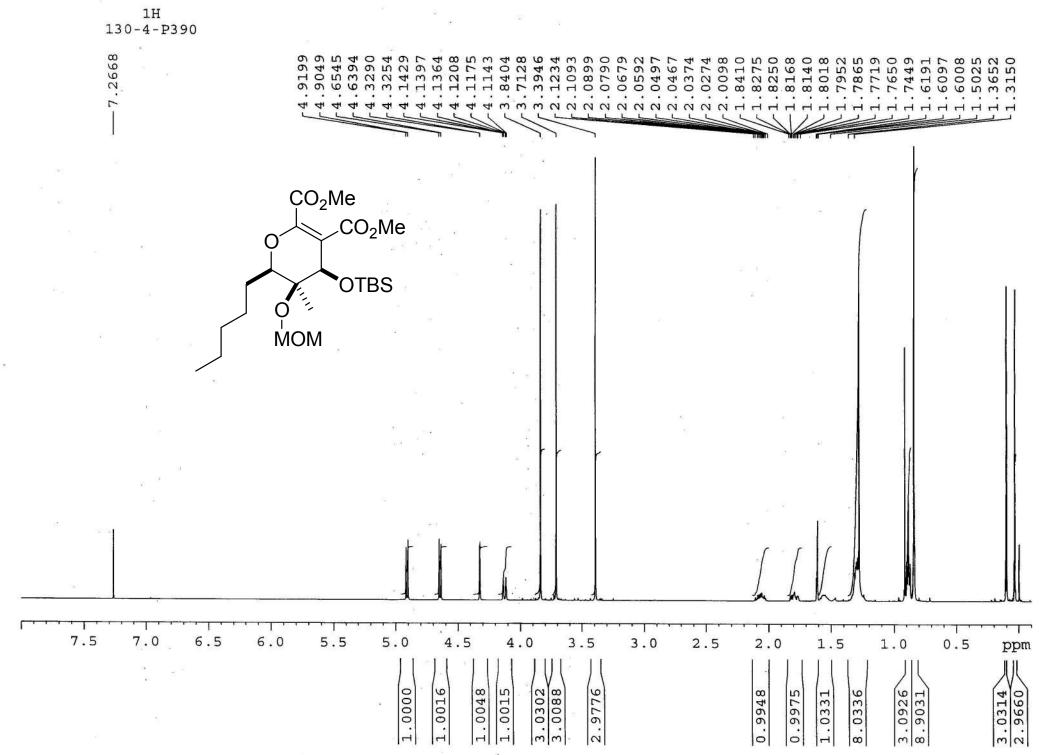


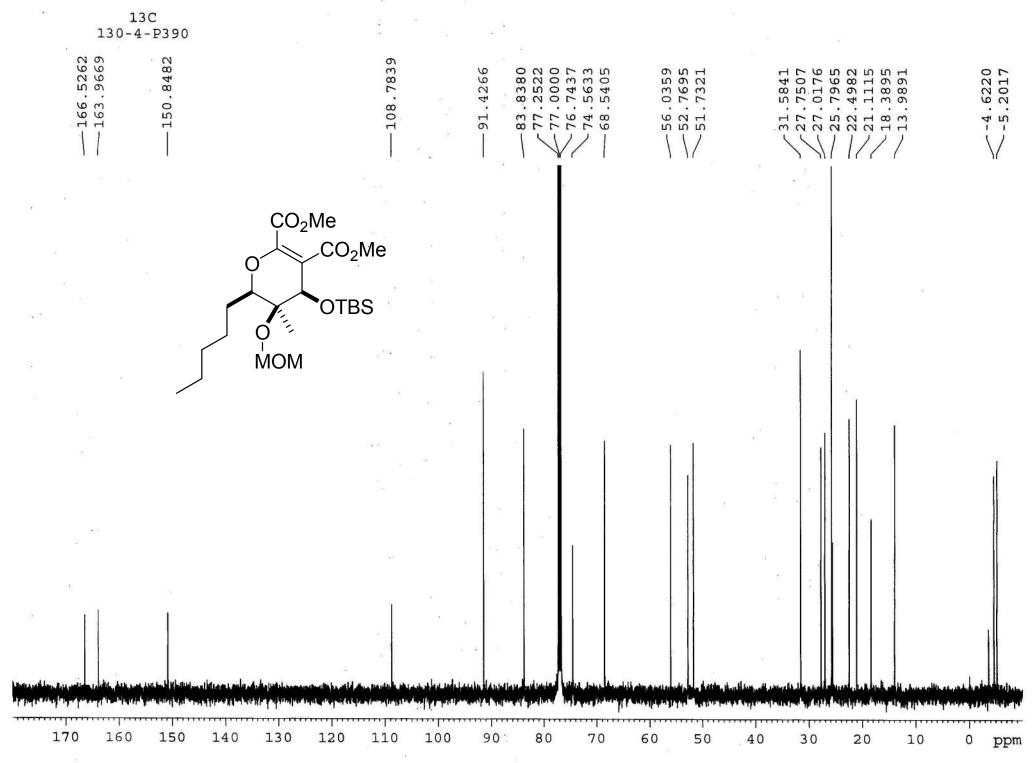


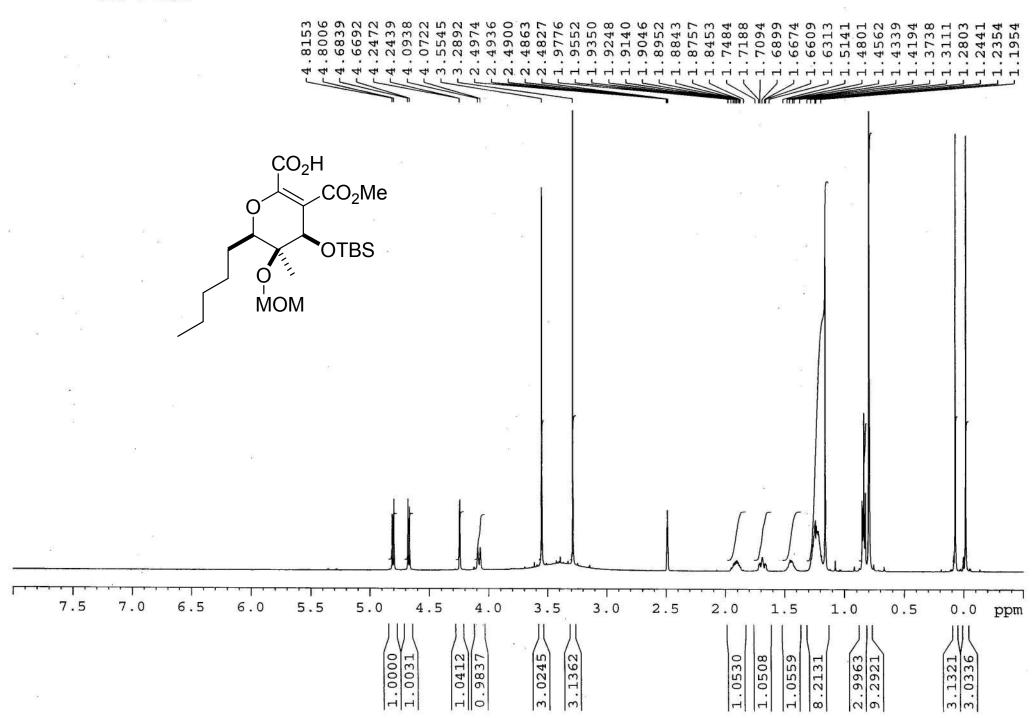


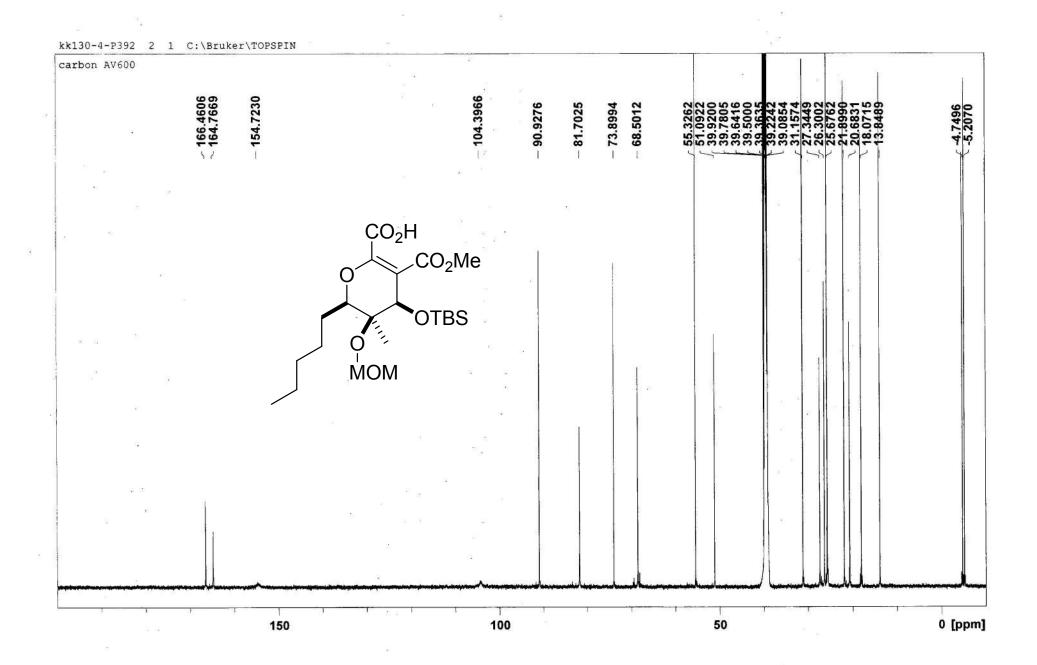


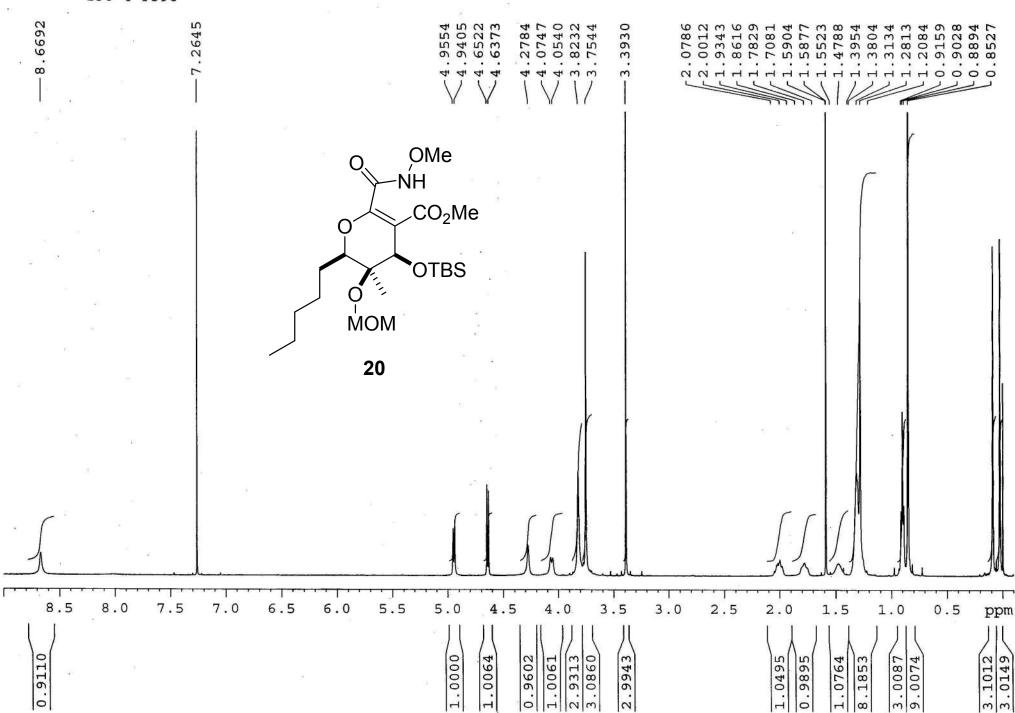


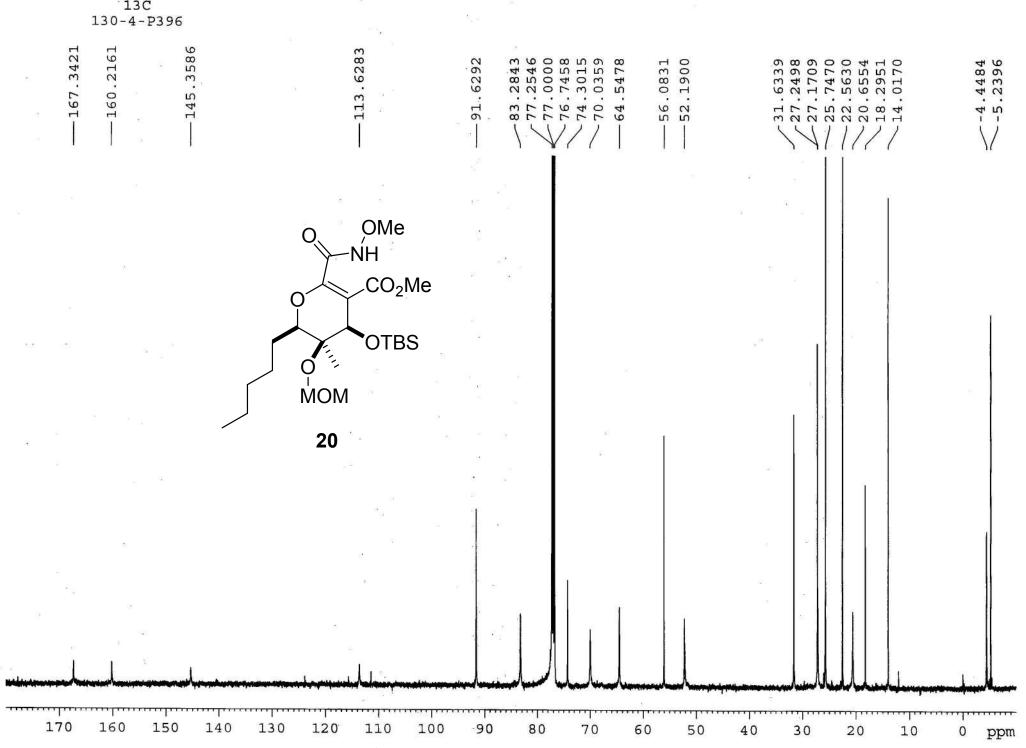




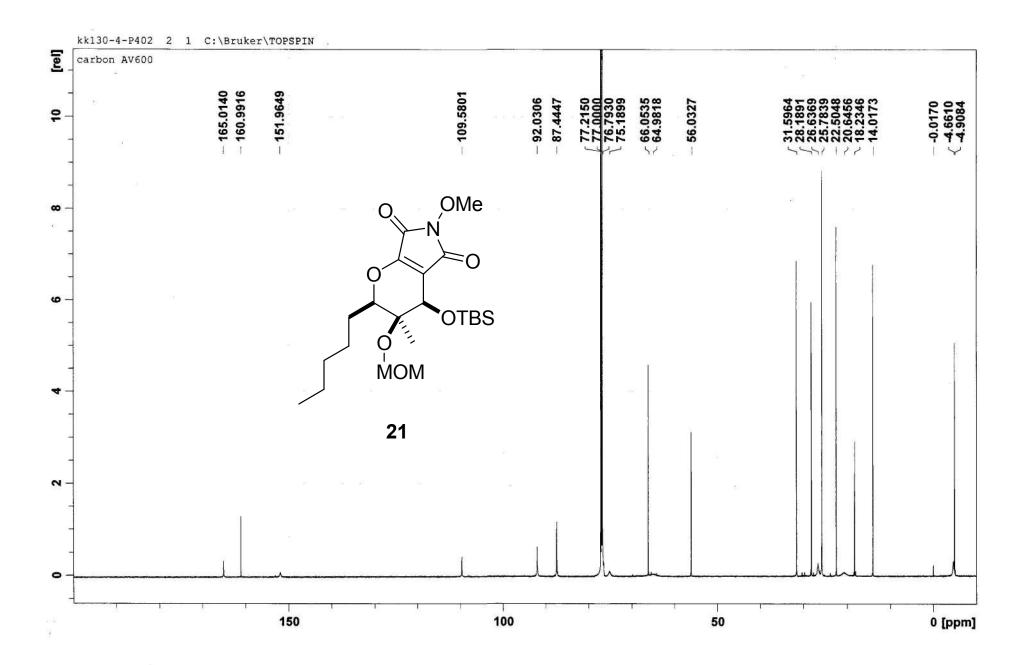


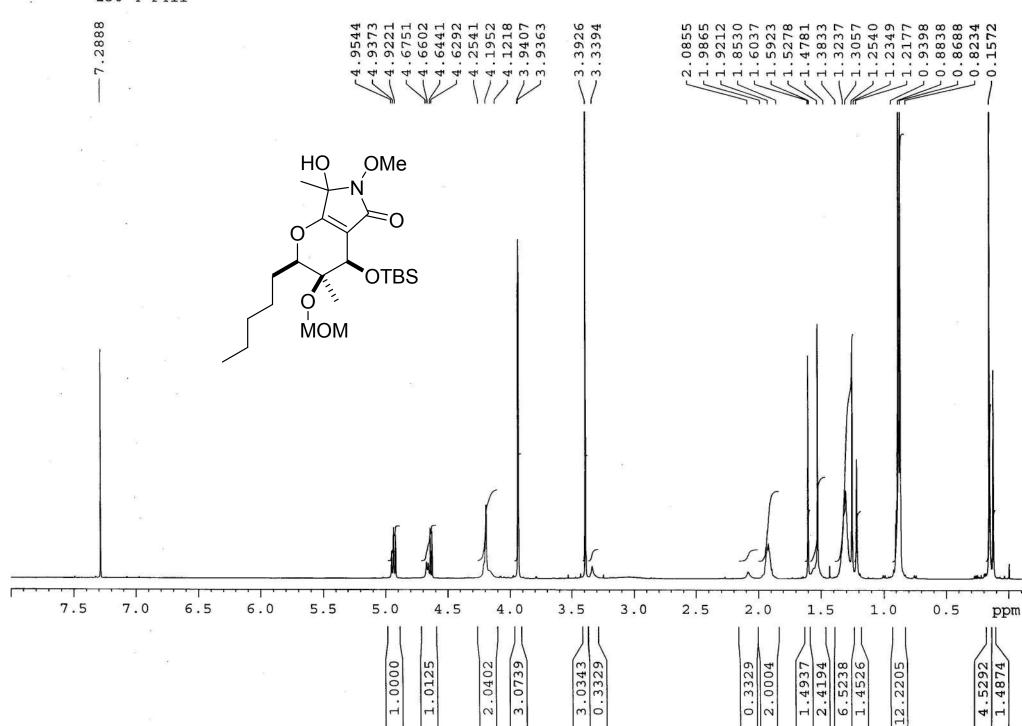




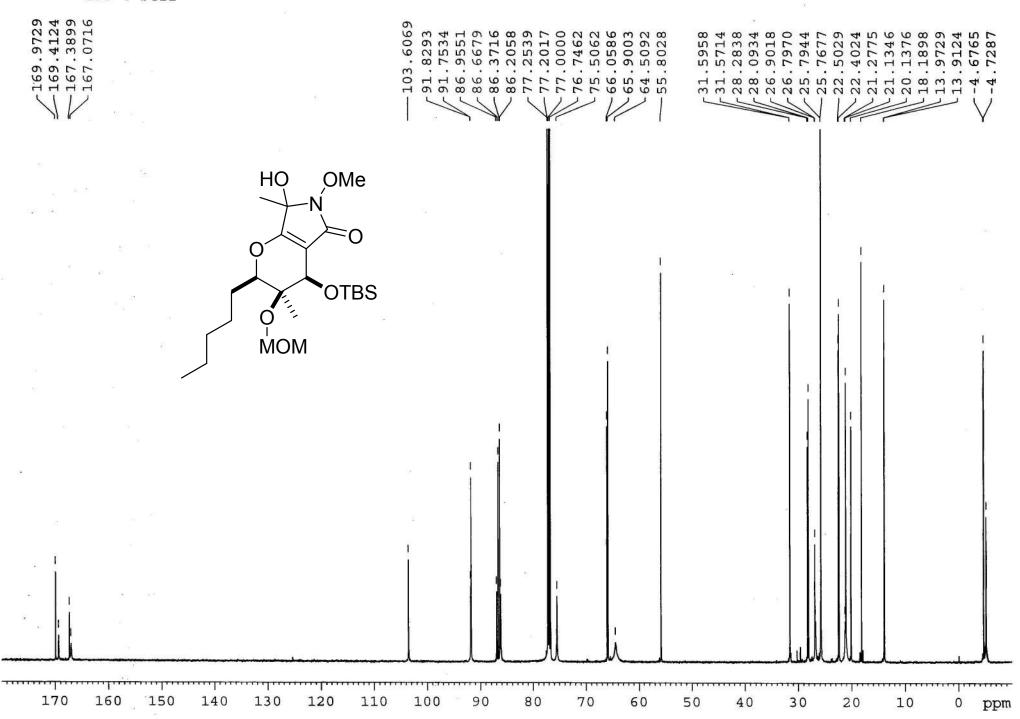


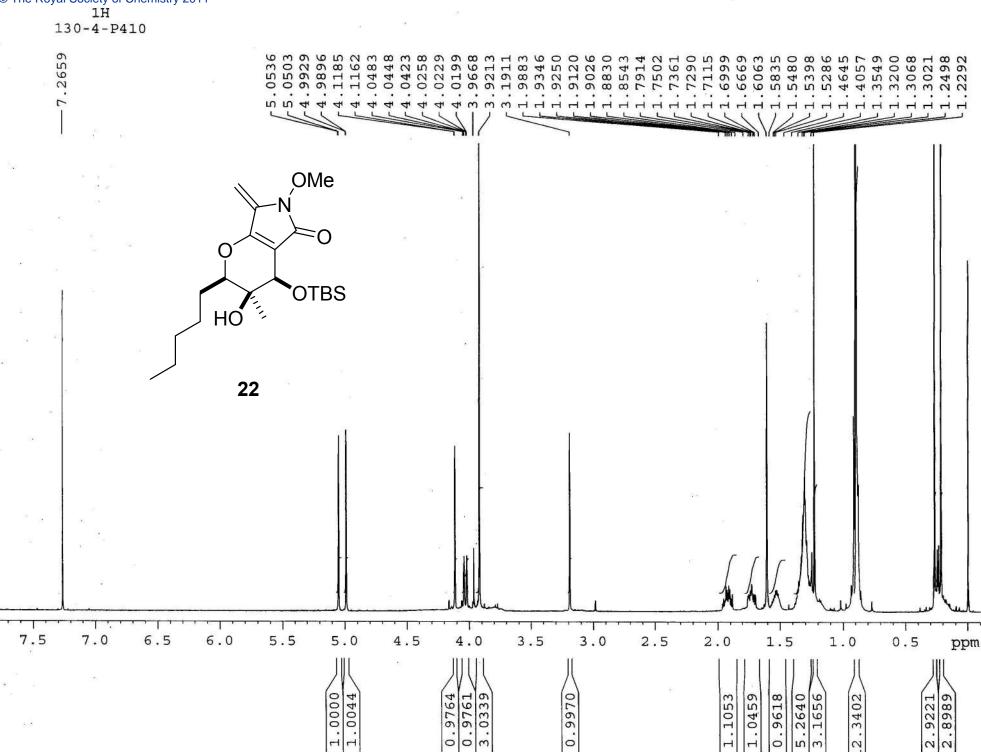
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13C 130-4-P411





0 0 8

ppm

