

Synthesis of (+)-Bullatacin via the Highly Diastereoselective [3+2] Annulation Reaction of a Racemic Aldehyde and a Non-Racemic Allylsilane

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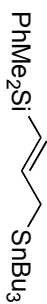
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Supporting Information – Part II
Copies of ¹H NMR Spectra

STANDARD PROTON PARAMETERS

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d1 1.000 wft
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cs 55 WEXP
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flags not used
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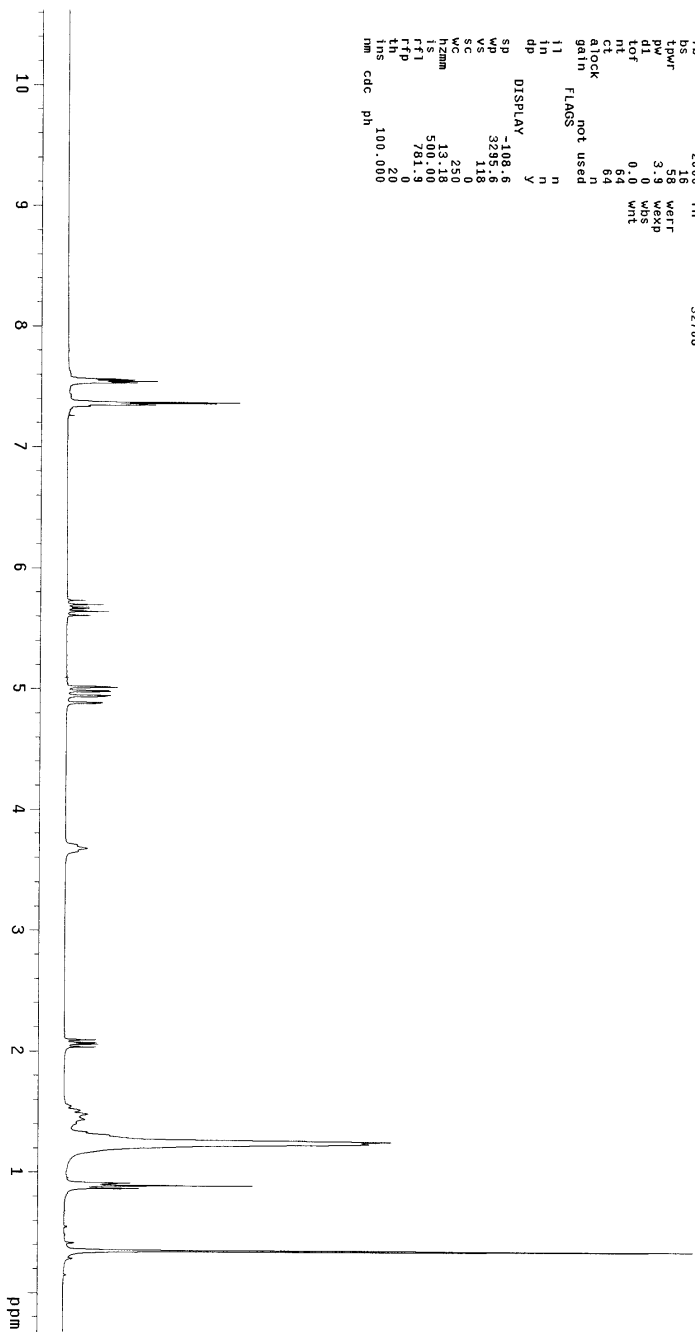
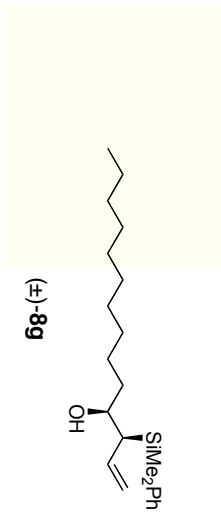
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STANDARD 1H OBSERVE

exp1 std1h

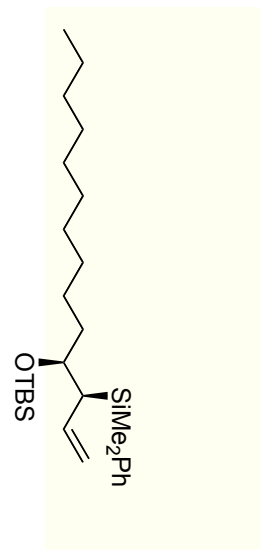
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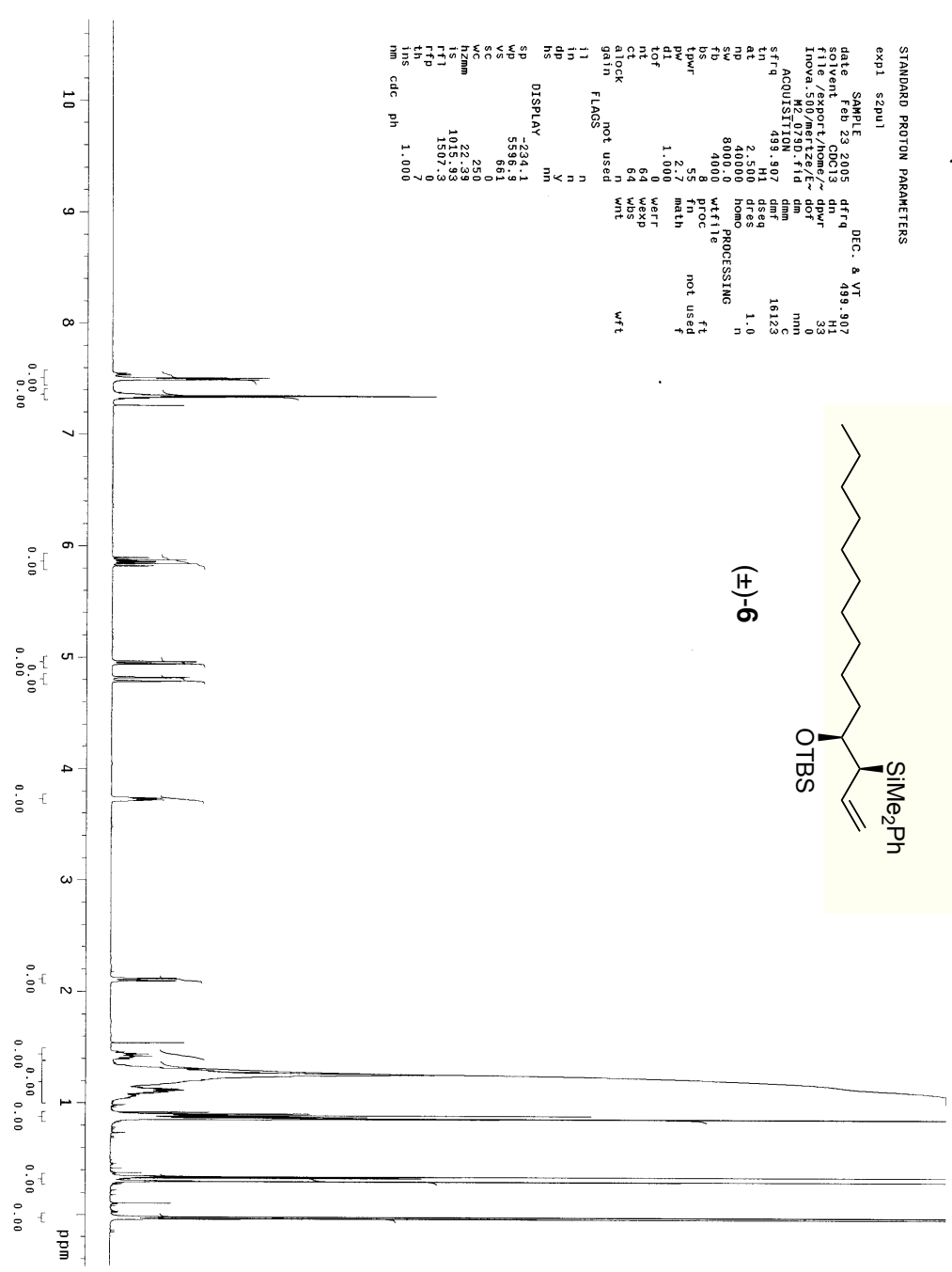
EM2-079

STANDARD PROTON PARAMETERS

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(±)-6

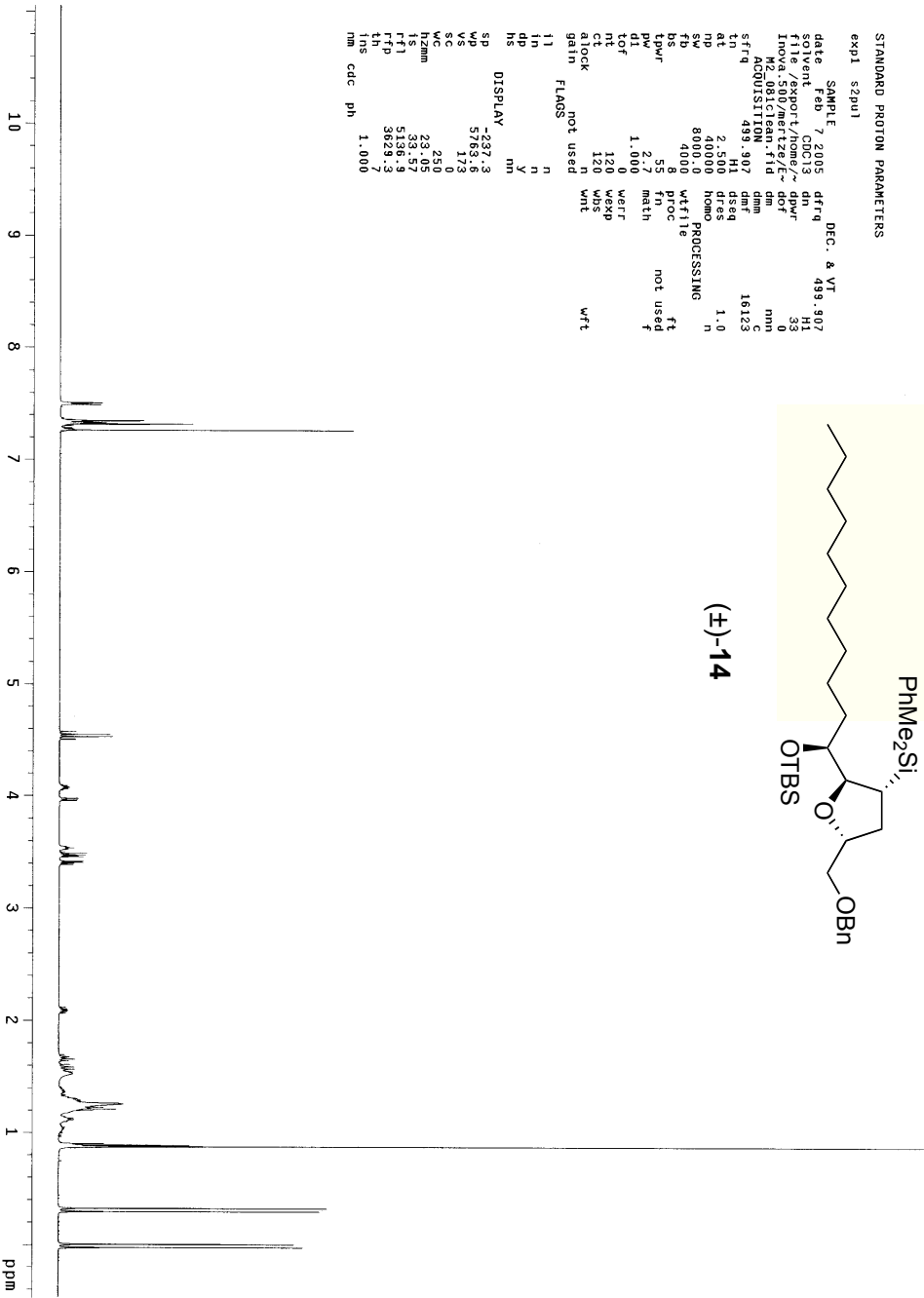


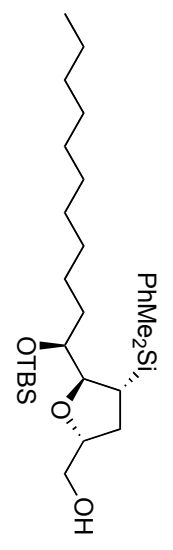
STANDARD PROTON PARAMETERS

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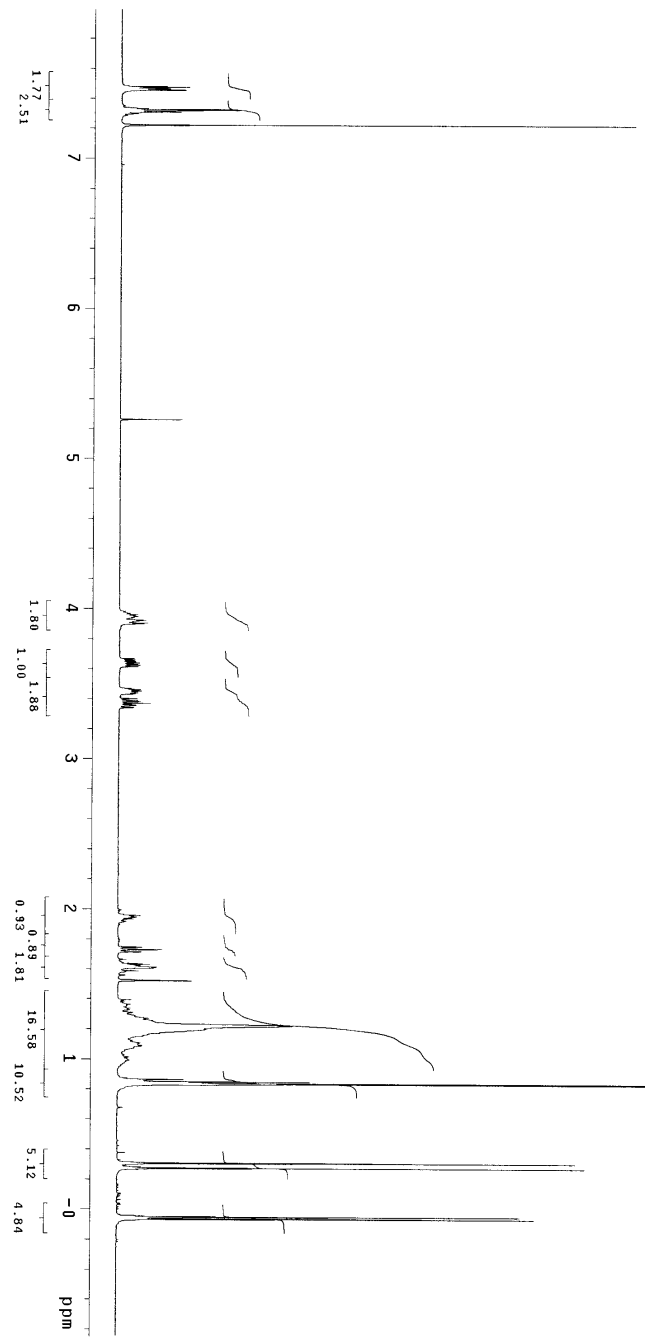
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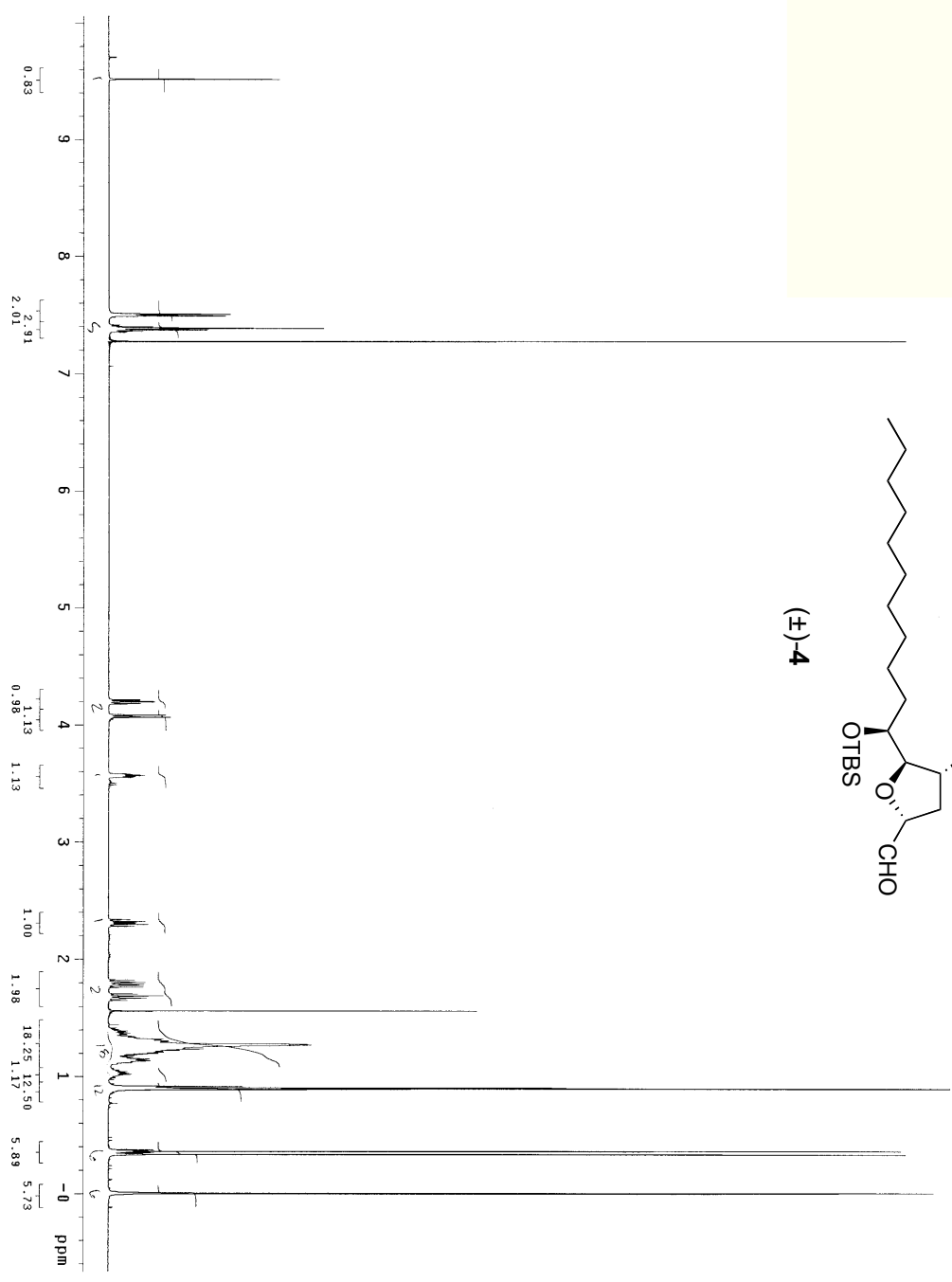
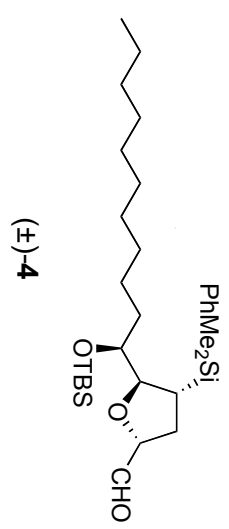
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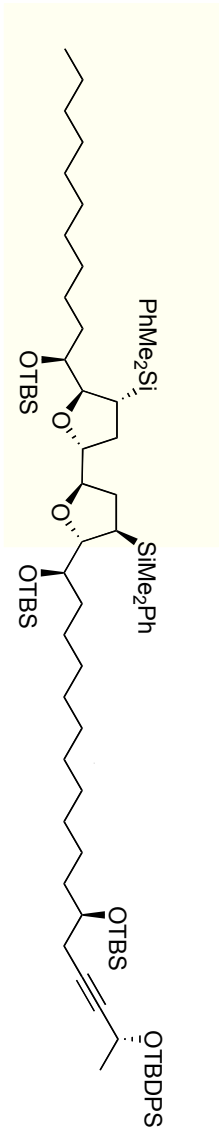




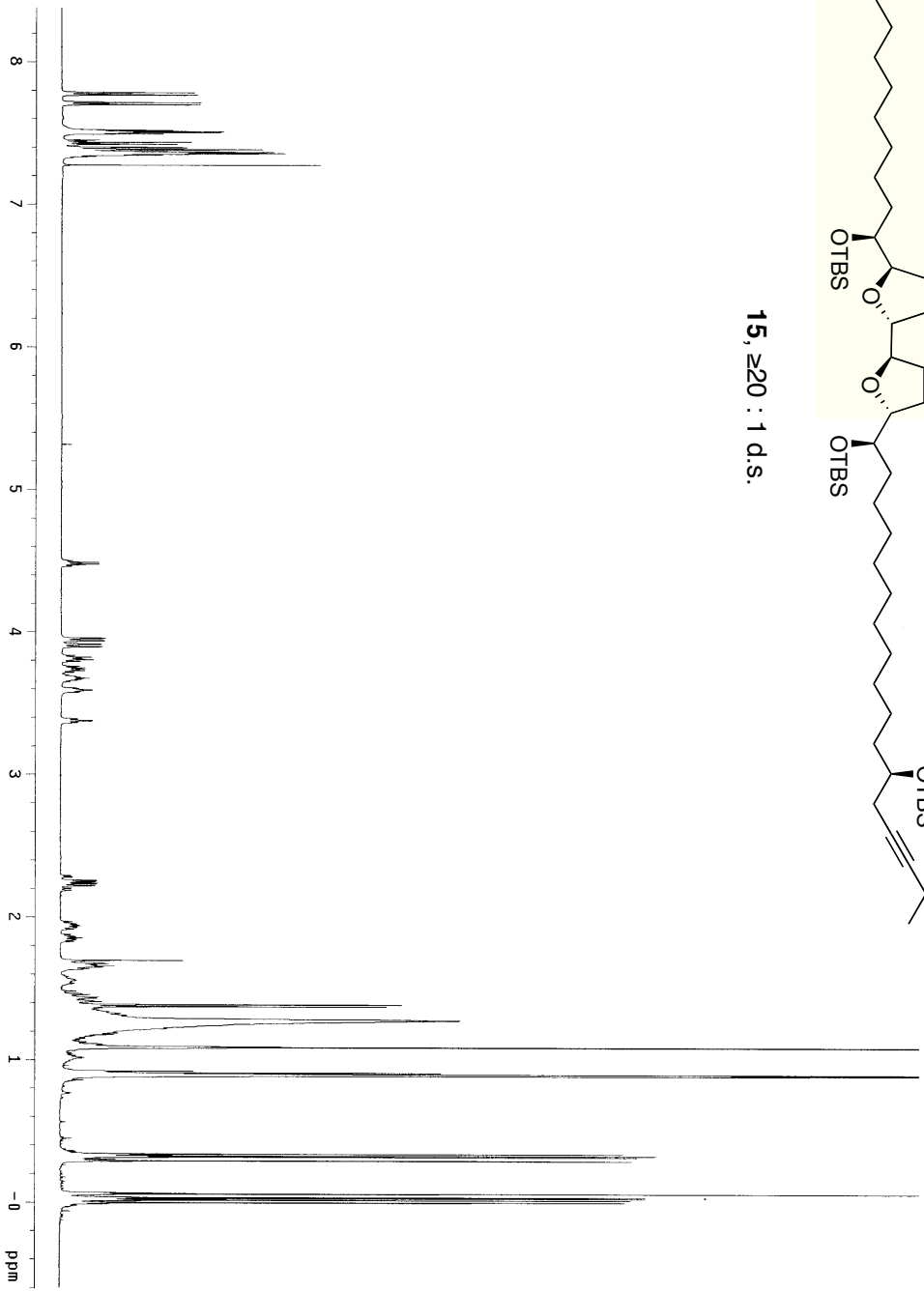
(±)-19

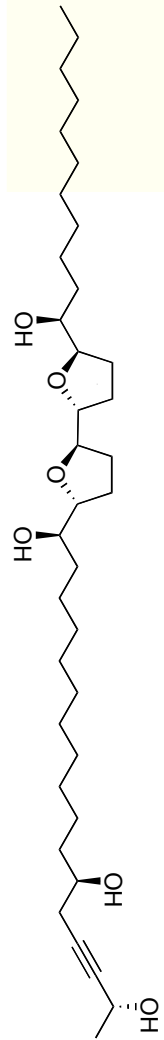
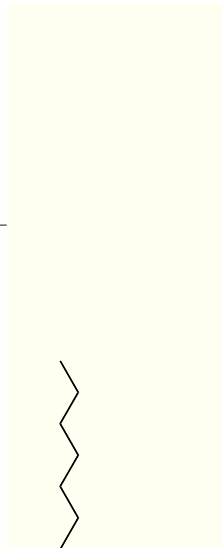




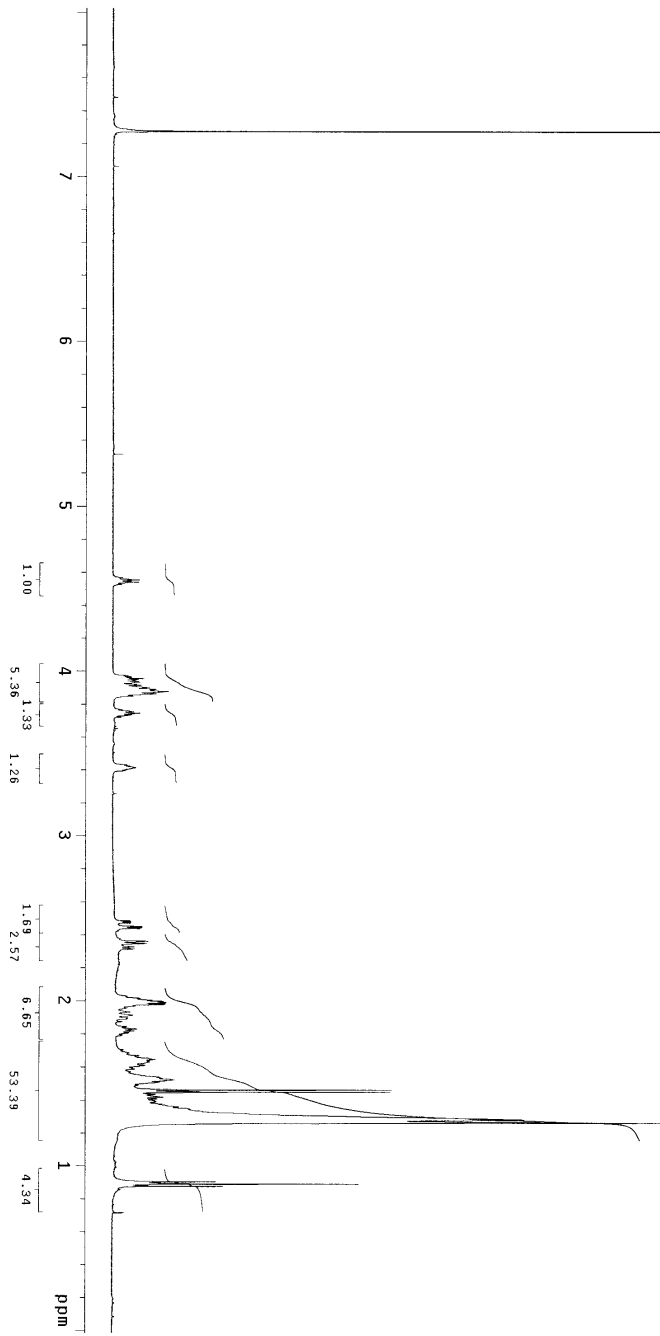


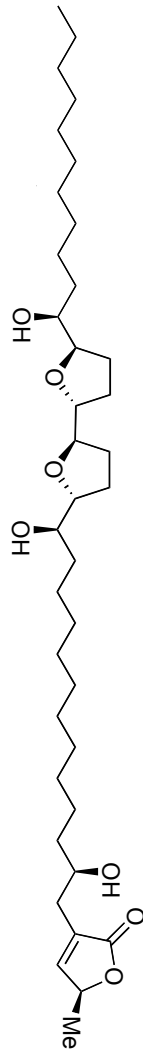
15, ≥ 20 : 1 d.s.



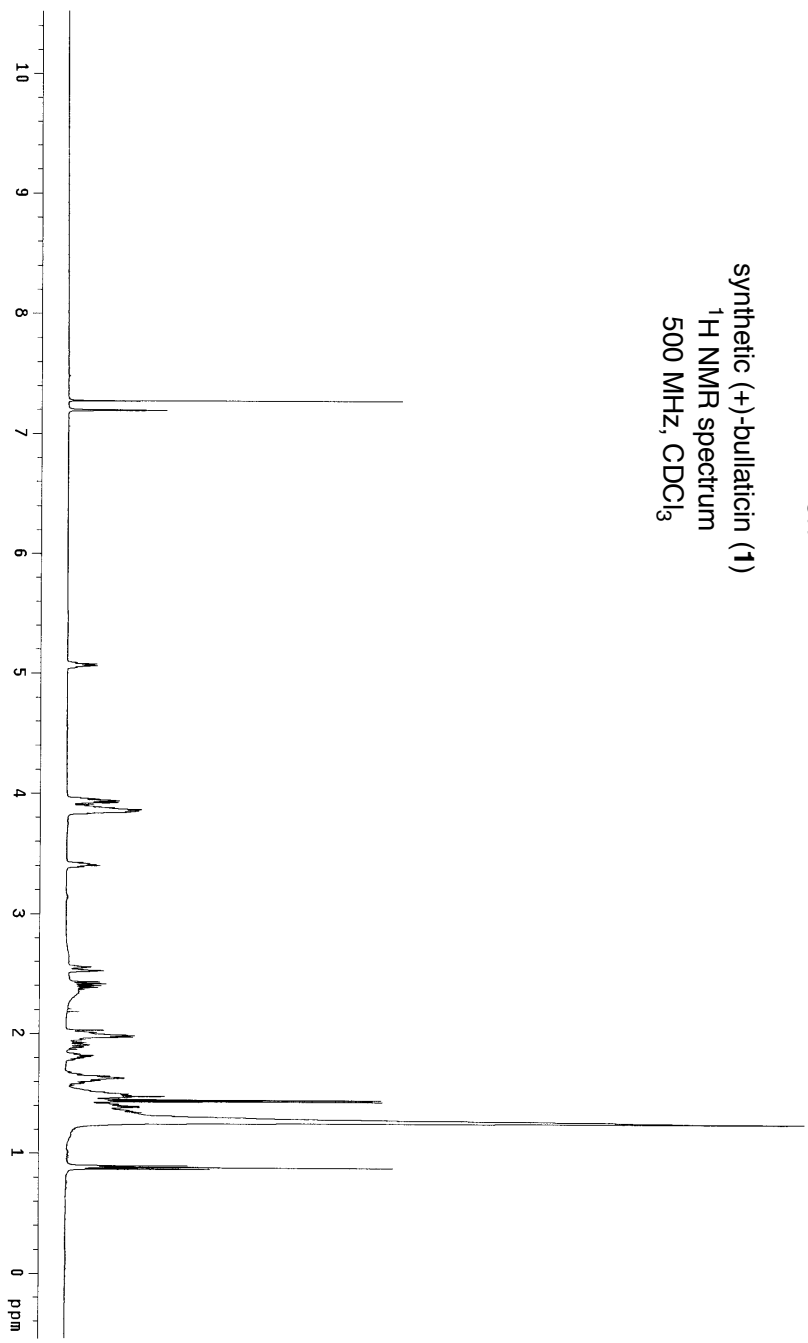


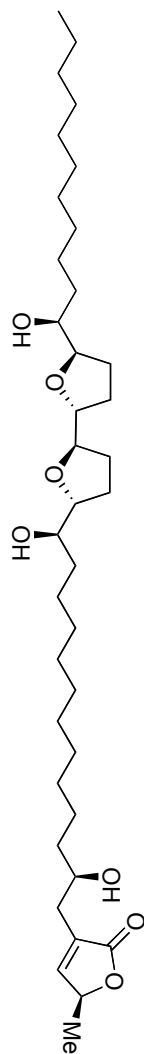
17





synthetic (+)-bullaticin (**1**)
¹H NMR spectrum
500 MHz, CDCl₃





synthetic (+)-bullaticin (**1**)
¹³C NMR spectrum
125 MHz, CDCl₃

