

## Supplementary Material

### General synthetic strategy for clavaminols A, C and H

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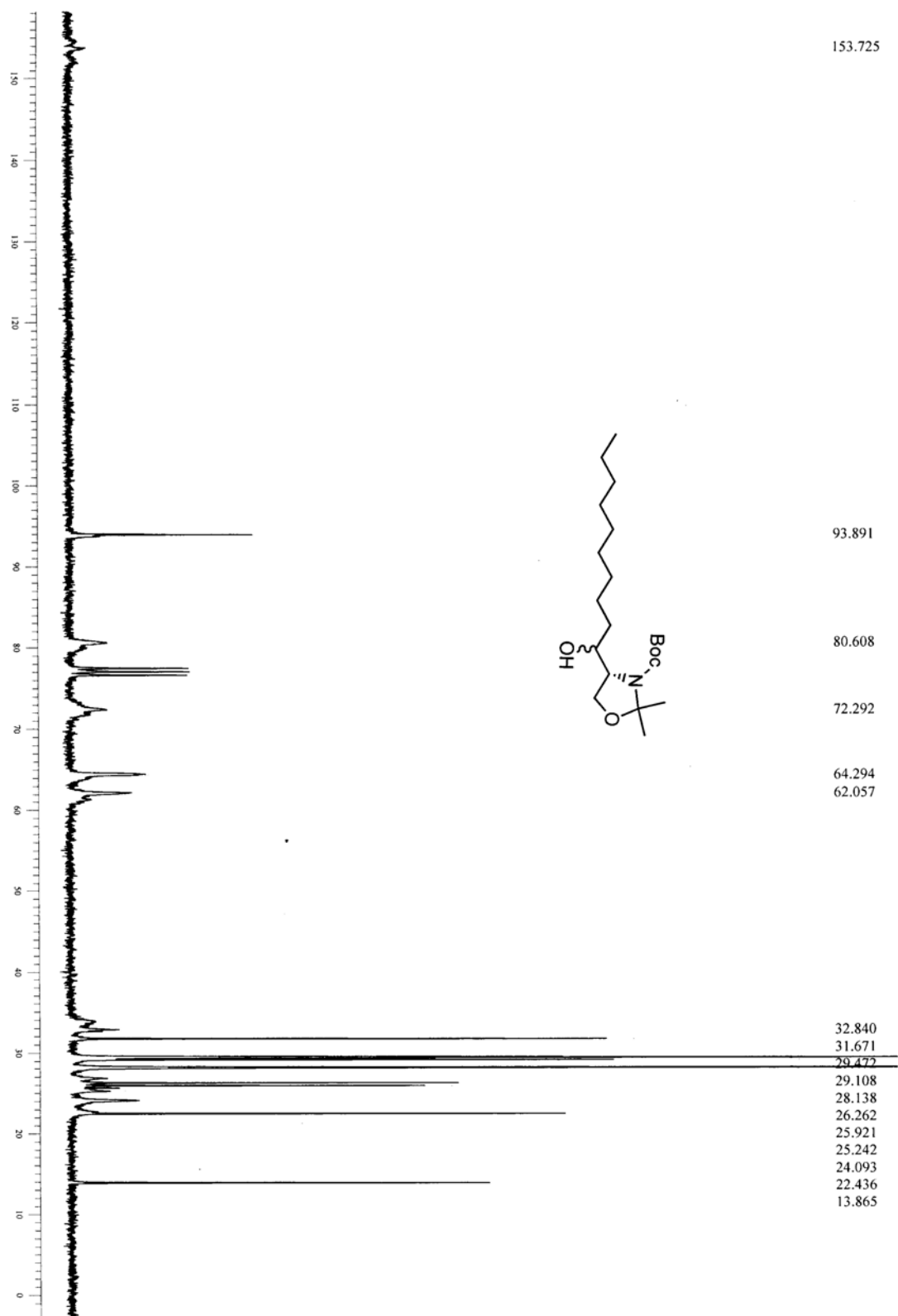
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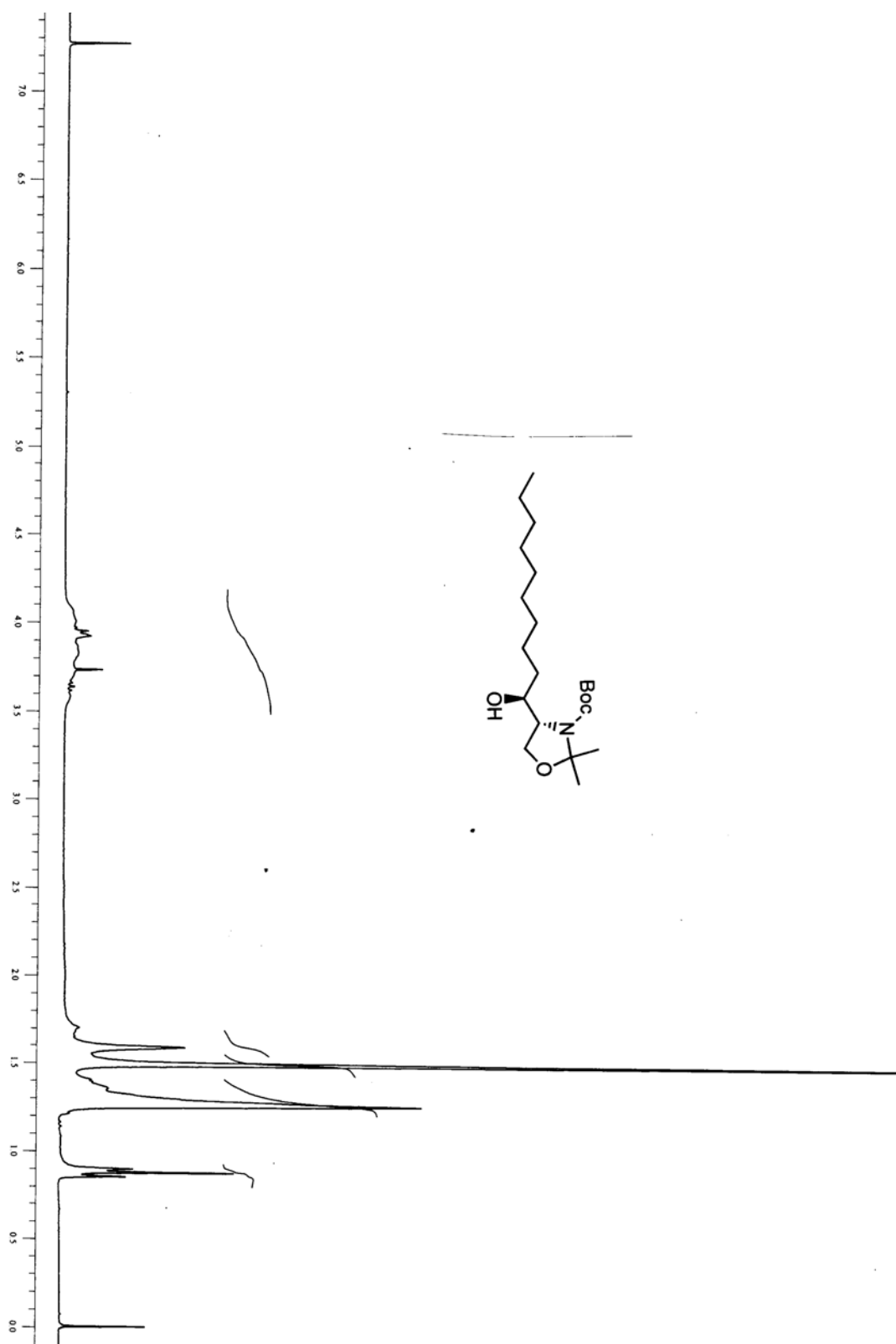
<sup>1</sup> H NMR and <sup>13</sup> C NMR of compounds	S2
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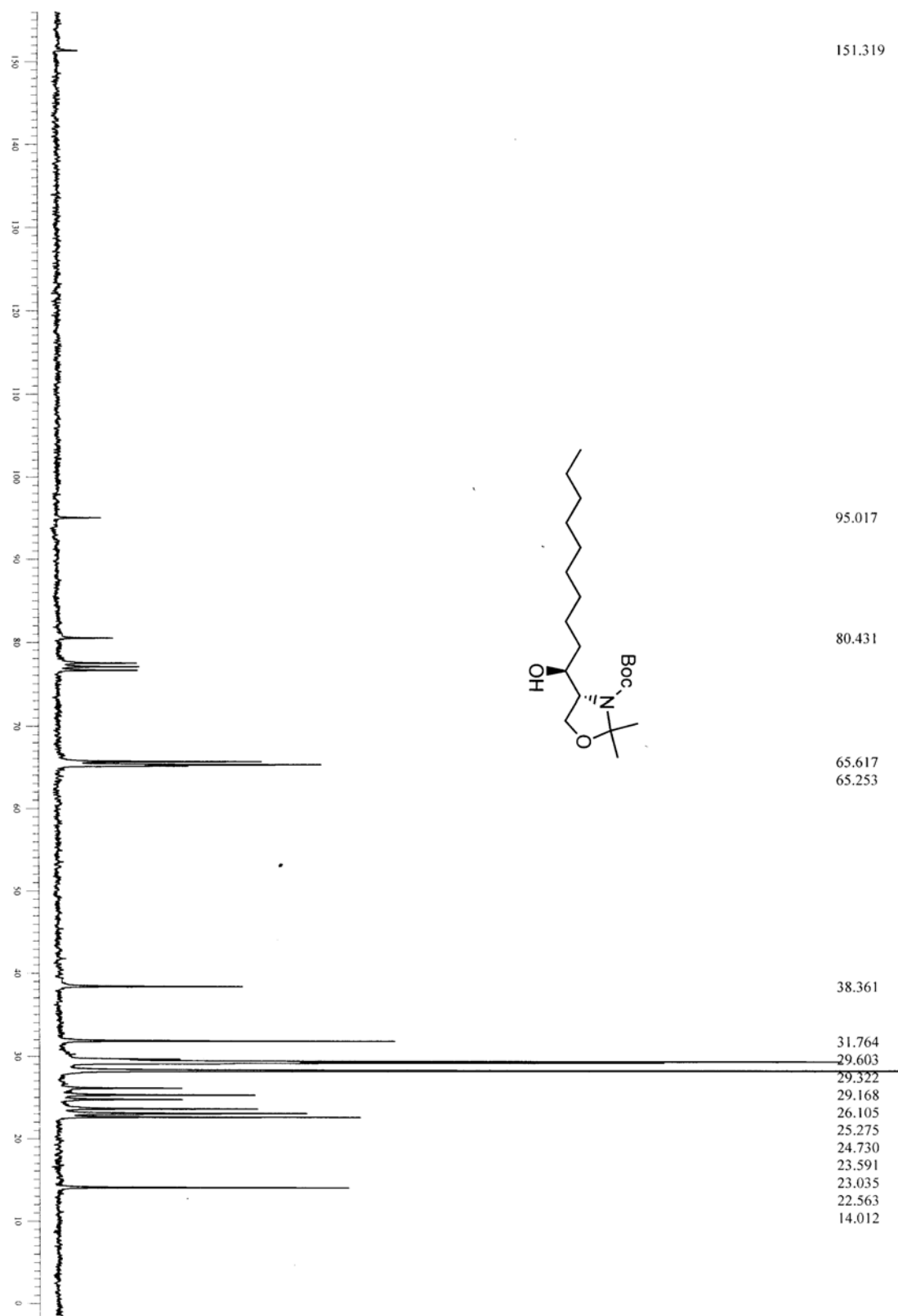


$^1\text{H}$  NMR of 11a, 11b (mixture) (300 MHz,  $\text{CDCl}_3$ )

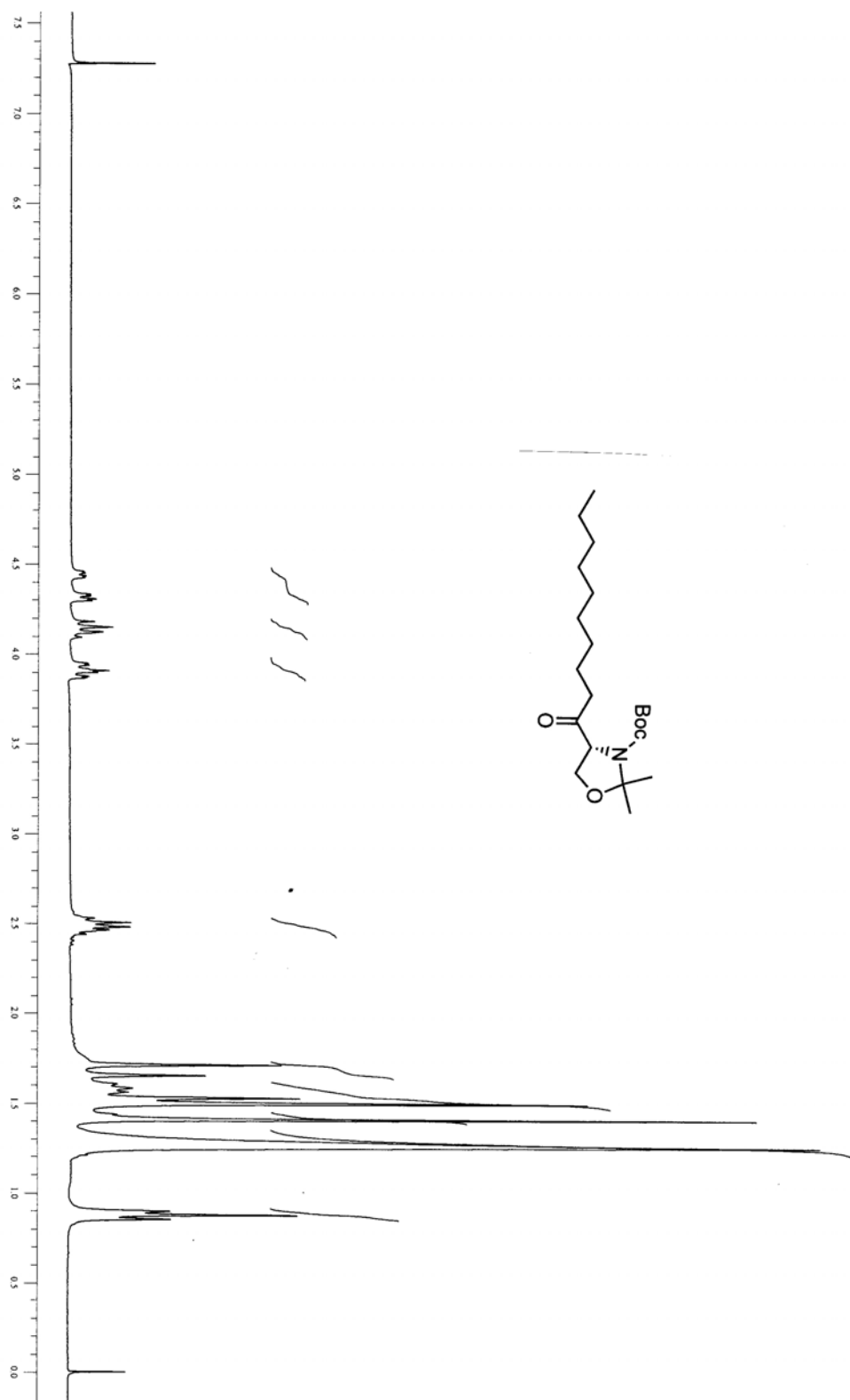


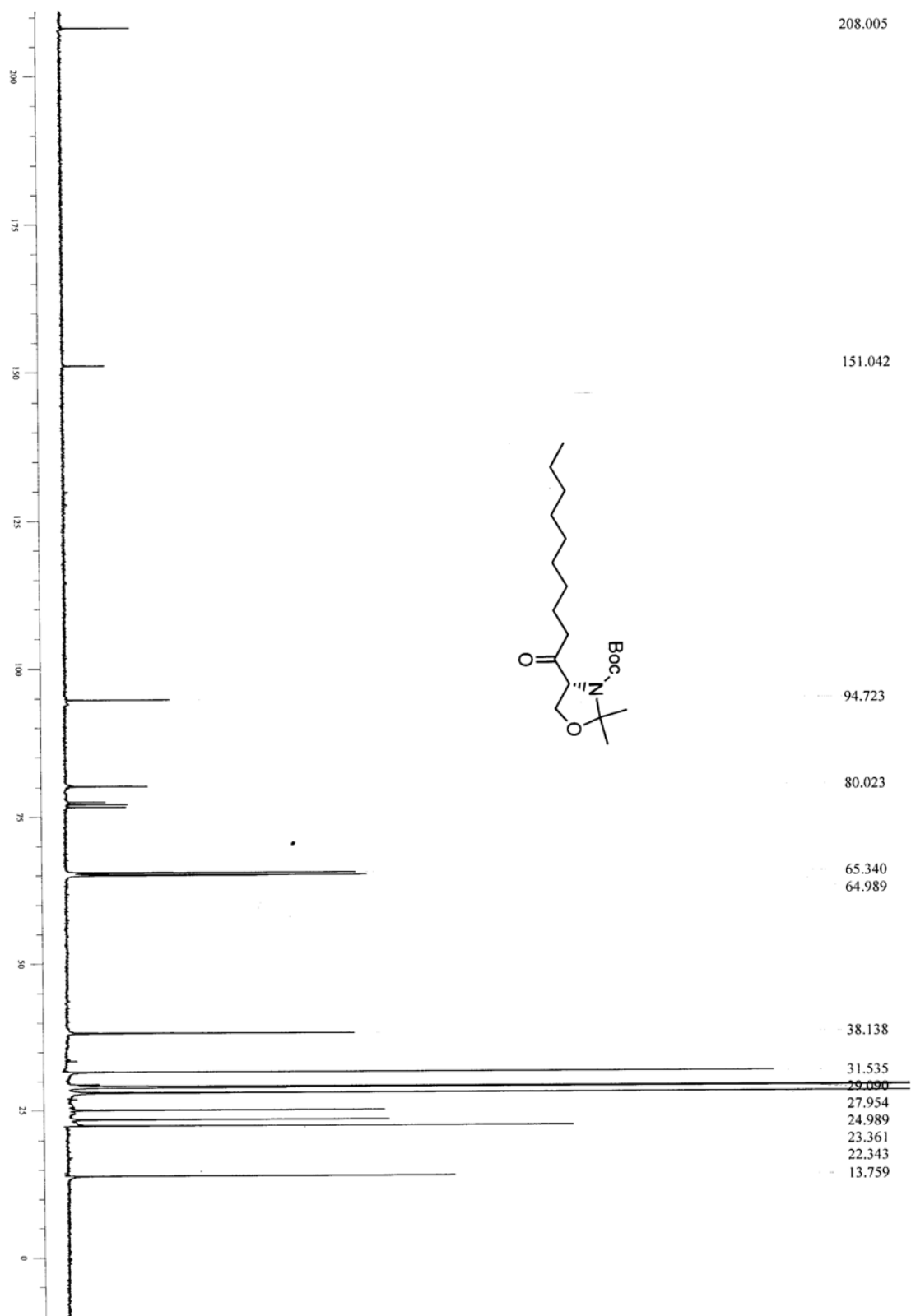
<sup>13</sup>C NMR of 11a, 11b (mixture) (75 MHz, CDCl<sub>3</sub>)

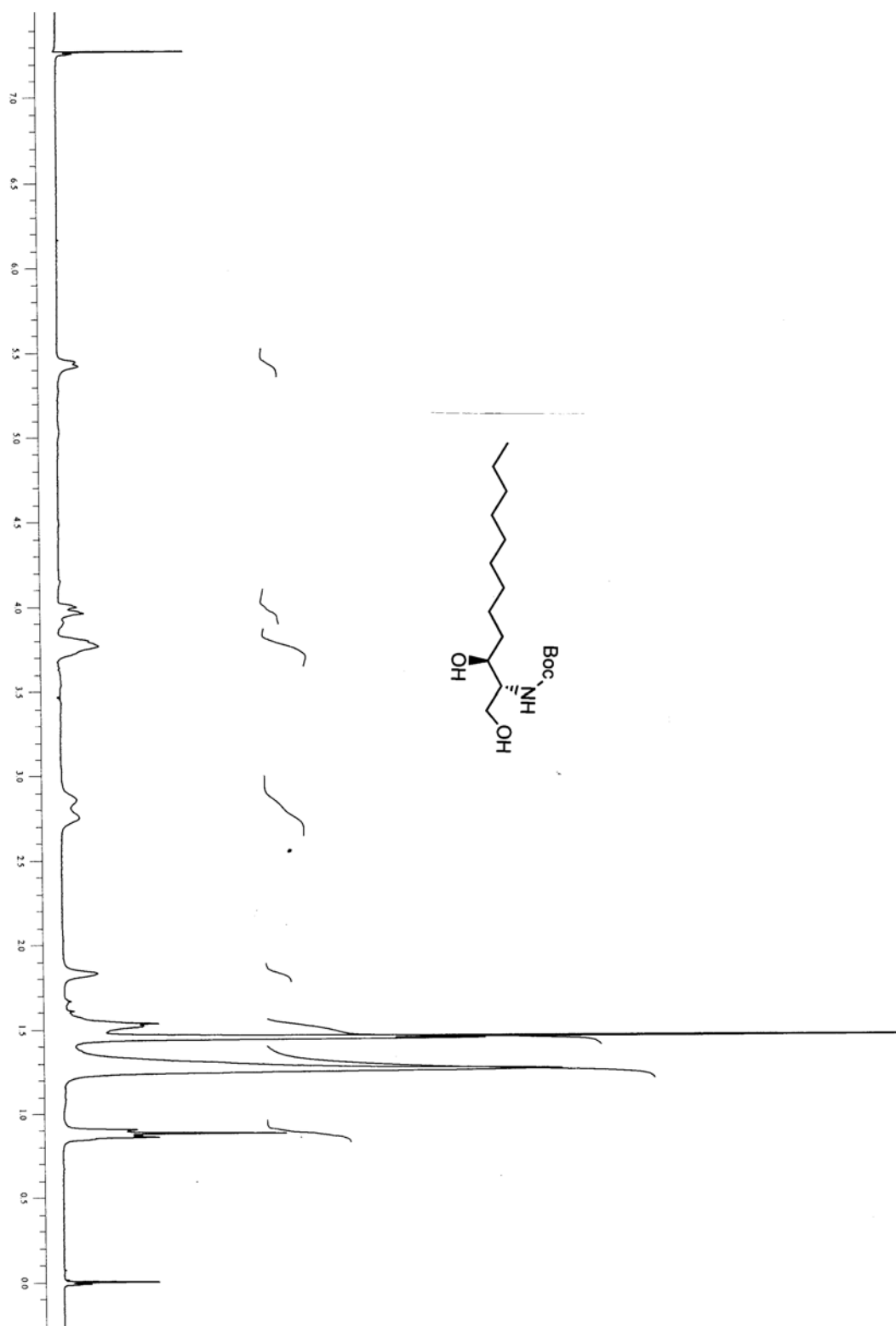




$^{13}\text{C}$  NMR of 11b (75 MHz,  $\text{CDCl}_3$ )



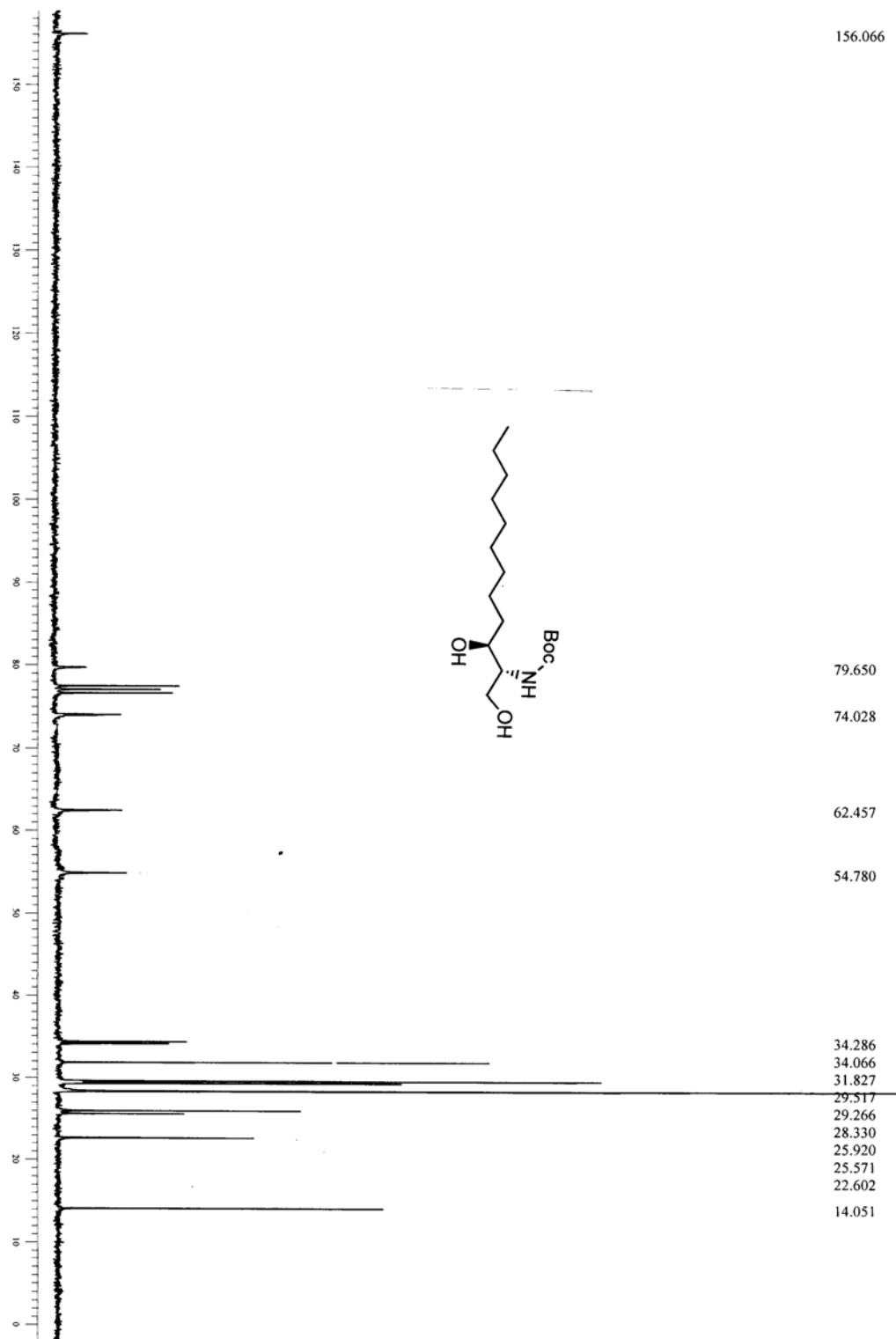
<sup>13</sup>C NMR of 9 (75 MHz, CDCl<sub>3</sub>)



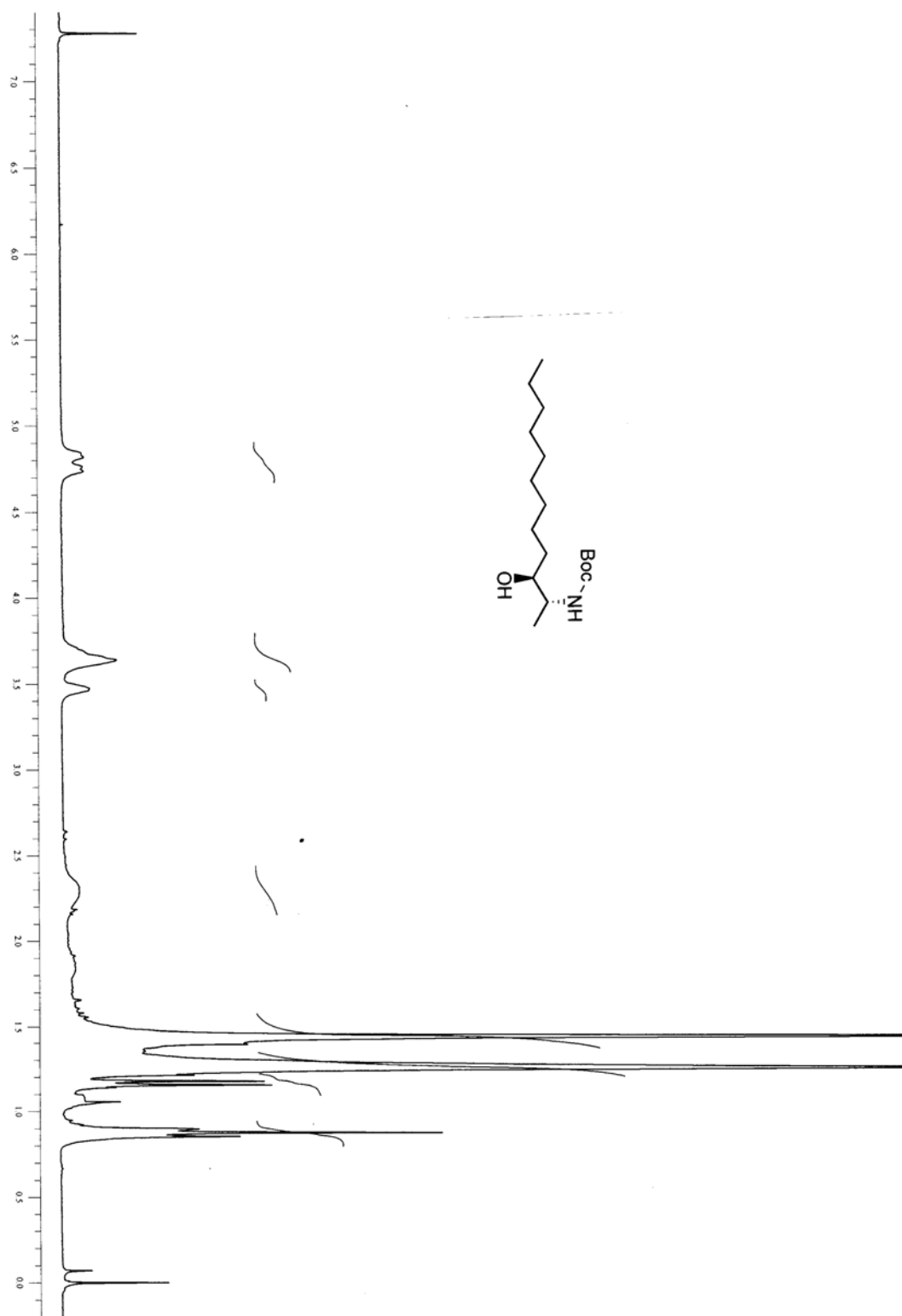
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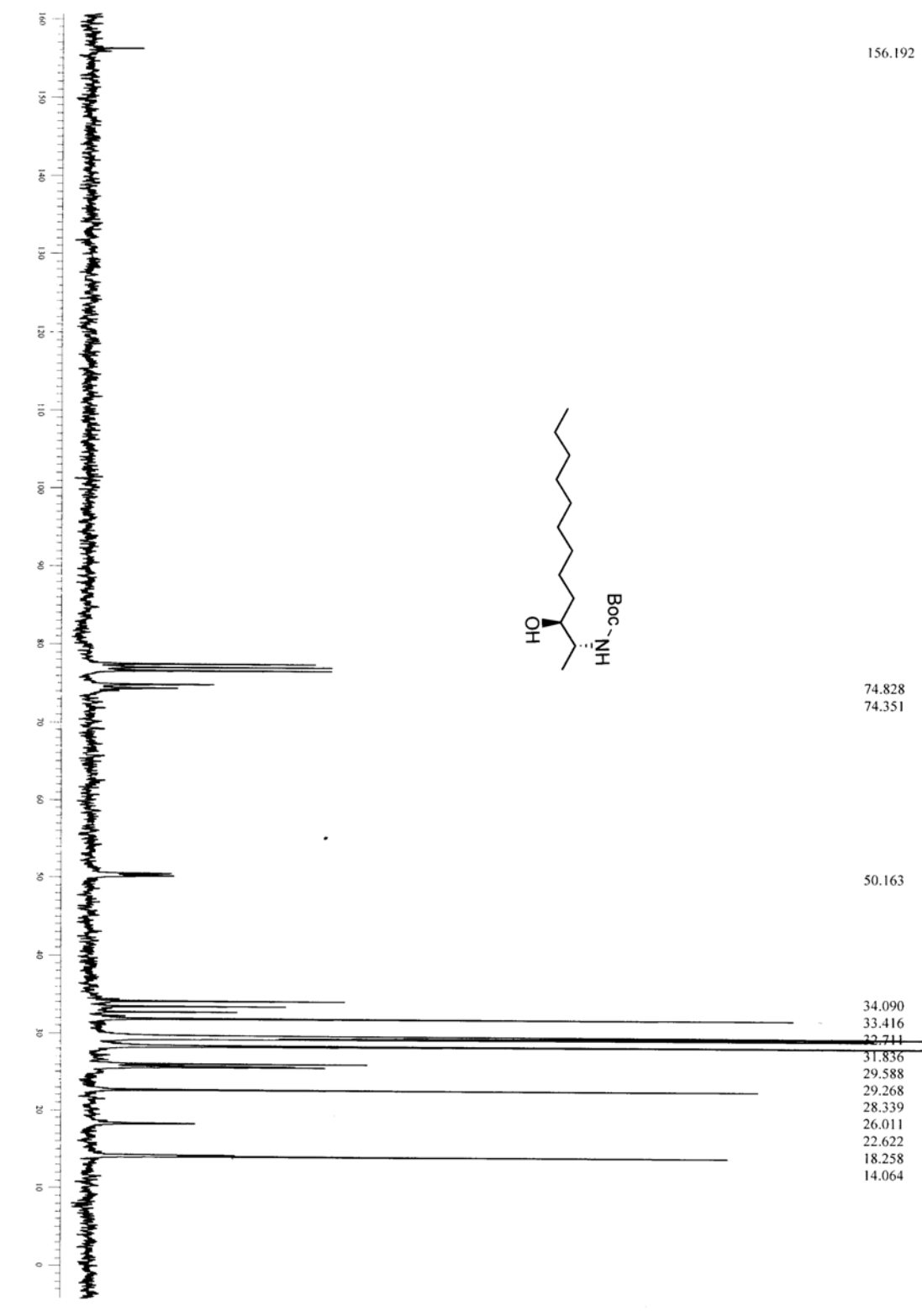
**<sup>1</sup>H NMR of 8 (300 MHz, CDCl<sub>3</sub>)**

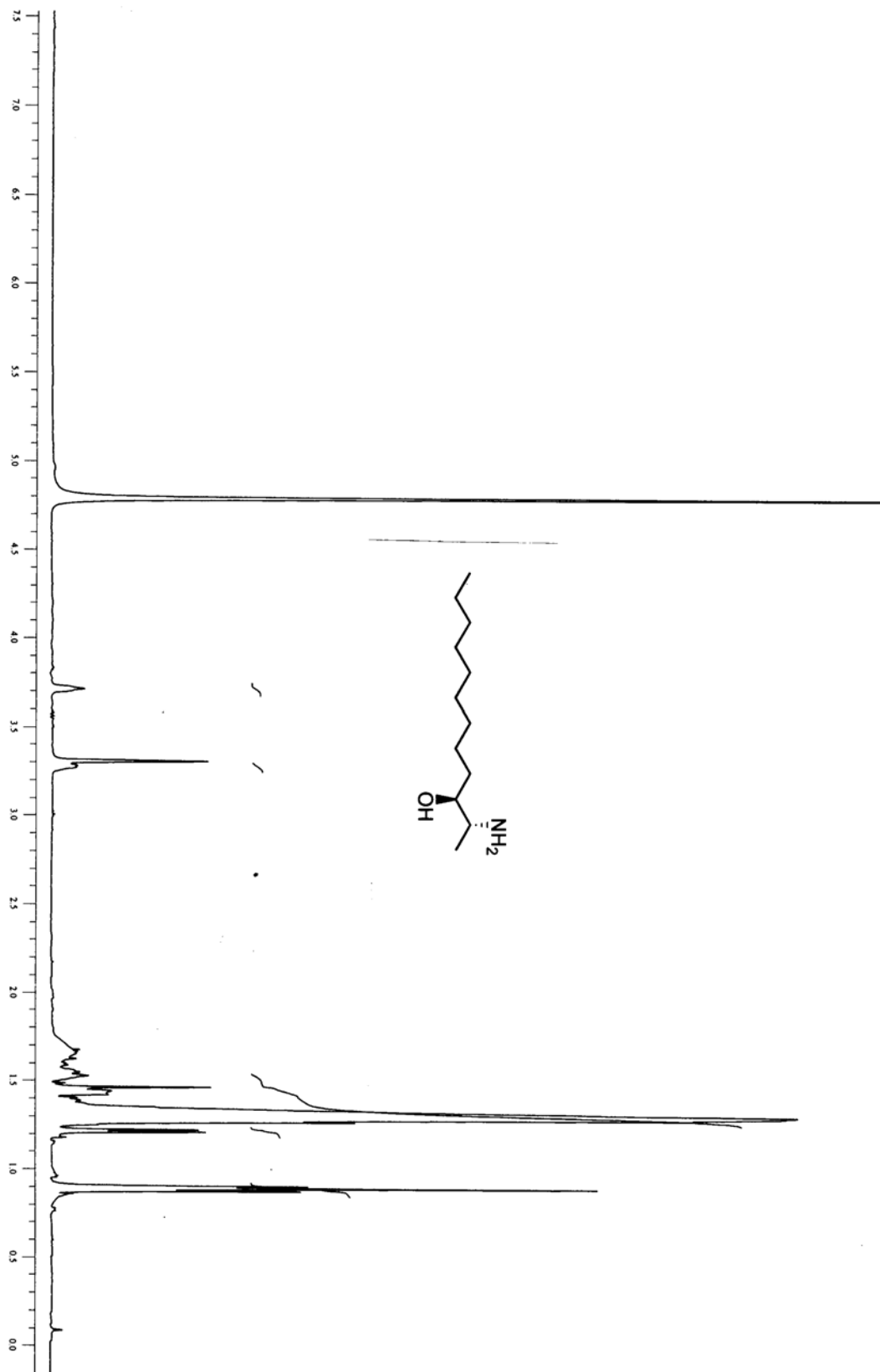




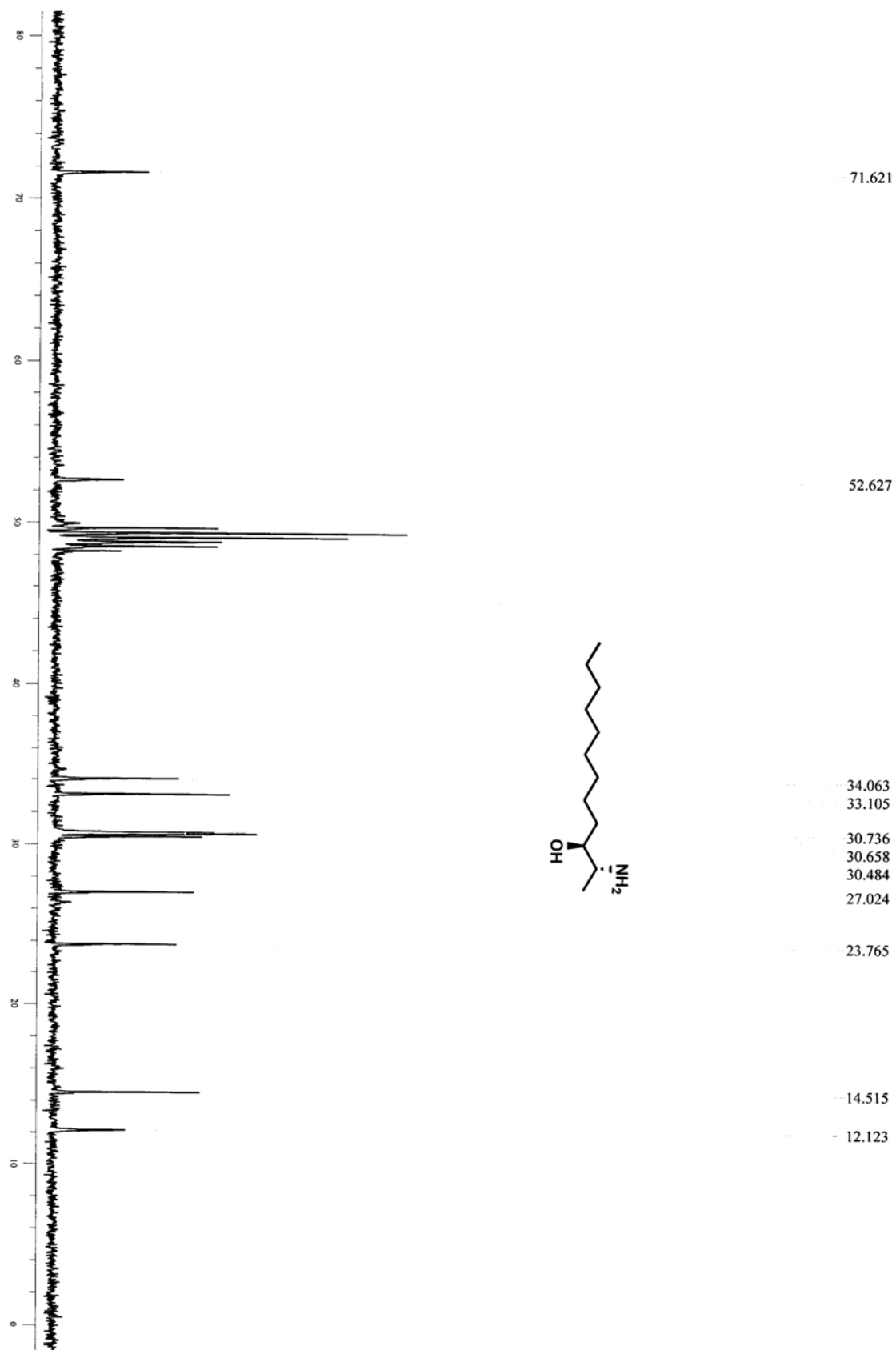
$^1\text{H}$  NMR of 8 (75 MHz,  $\text{CDCl}_3$ )

 $^1\text{H}$  NMR of 13 (300 MHz,  $\text{CDCl}_3$ )

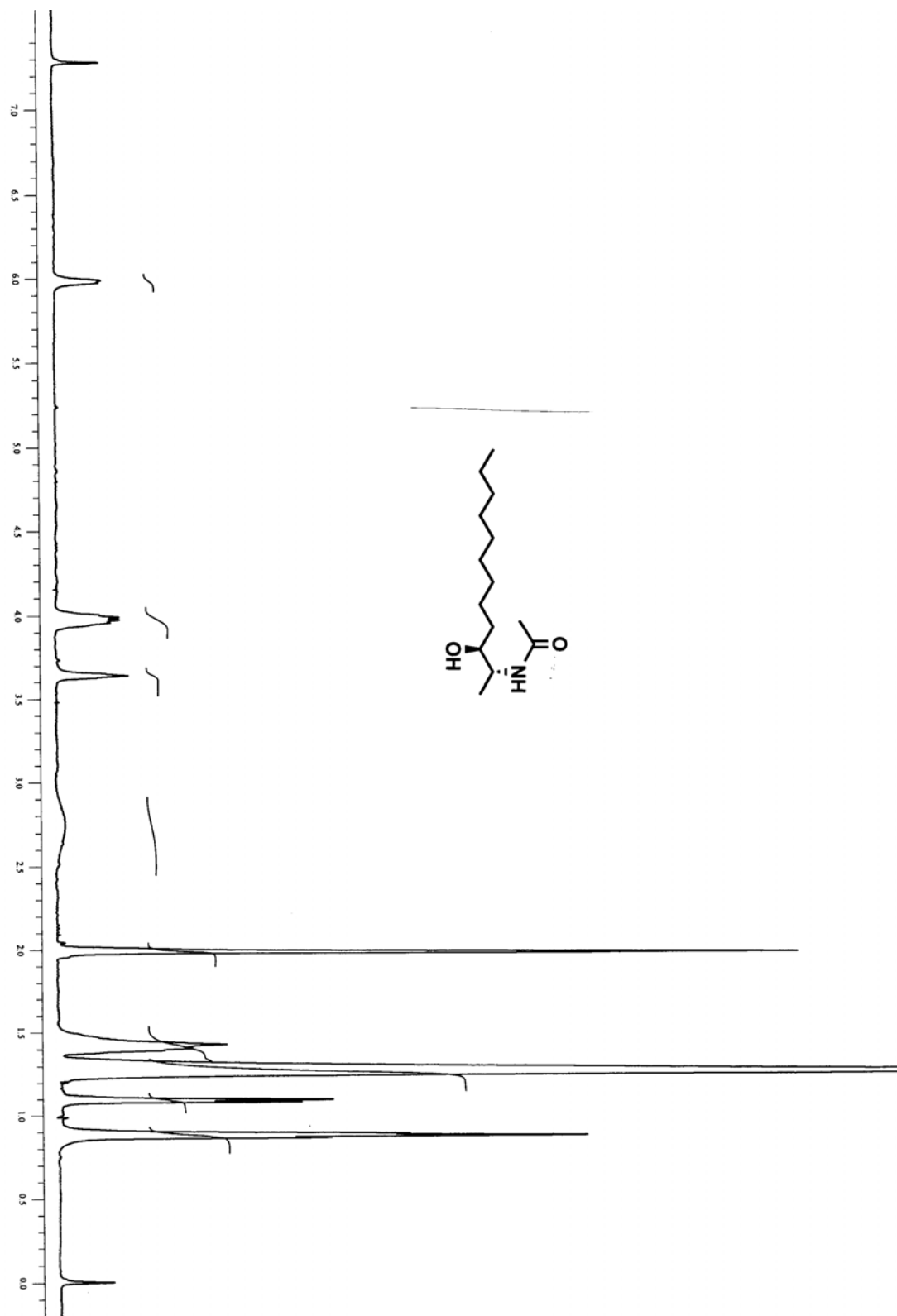
 $^{13}\text{C}$  NMR of 13 (75 MHz,  $\text{CDCl}_3$ )



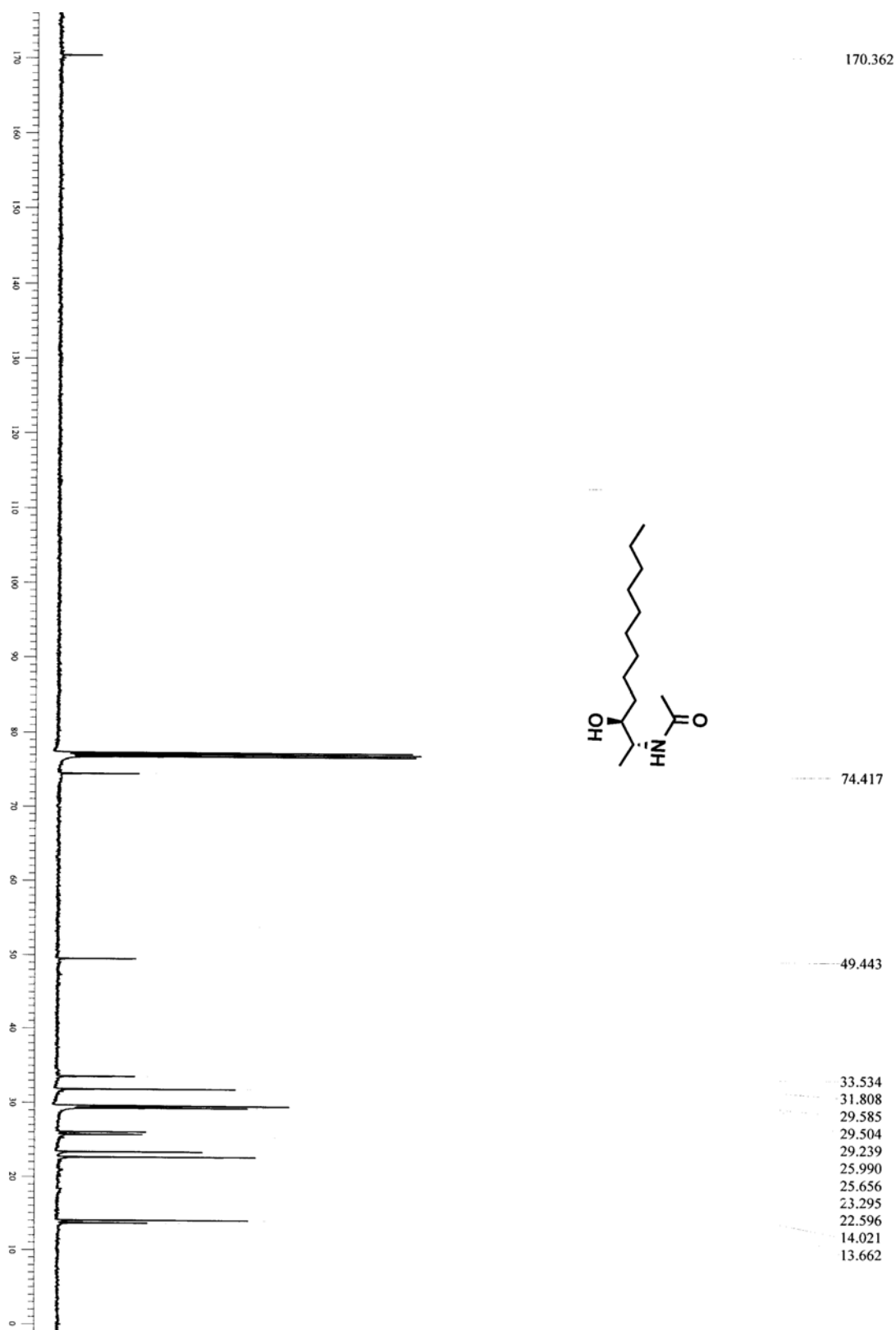
$^1\text{H}$  NMR of **1** (300 MHz,  $\text{CD}_3\text{OD}$ )

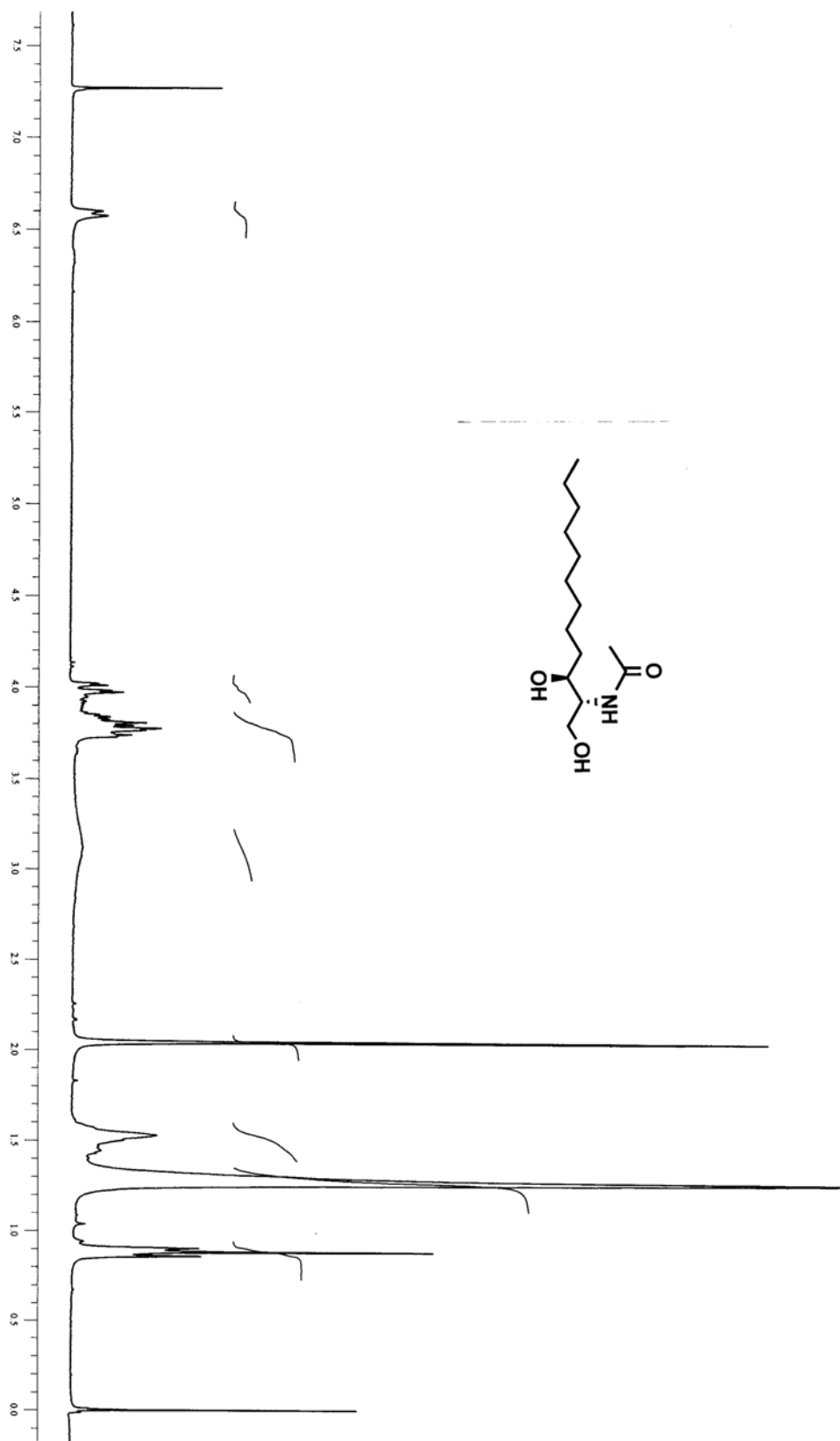


**<sup>13</sup>C NMR of 1 (75 MHz, CD<sub>3</sub>OD)**



$^1\text{H}$  NMR of 2 (300 MHz,  $\text{CDCl}_3$ )





( $^1\text{H}$  NMR of 5 (300 MHz,  $\text{CDCl}_3$ ))



