## **Supporting Information**

for

Synthesis of (2S,3R)-3-amino-2-hydroxydecanoic acid and its enantiomer: a non-proteinogenic amino acid segment of the linear pentapeptide microginin

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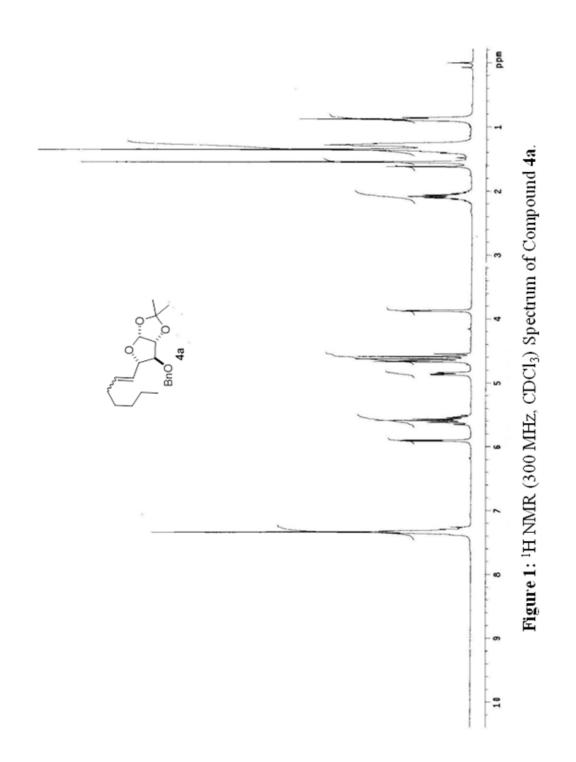
\* Corresponding author

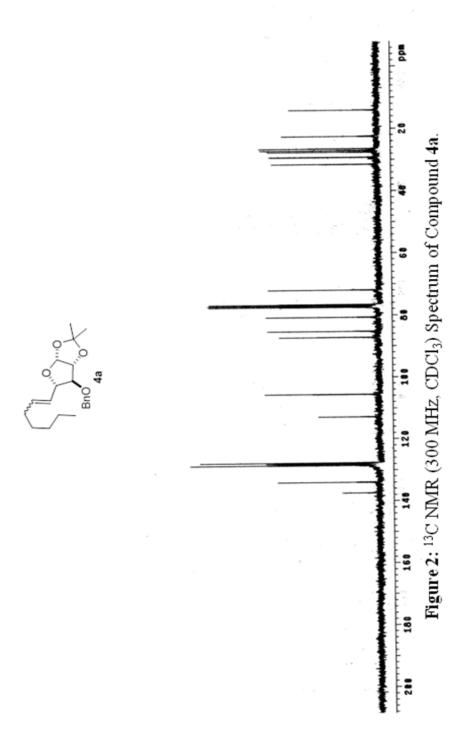
**Copies of NMR spectra** 

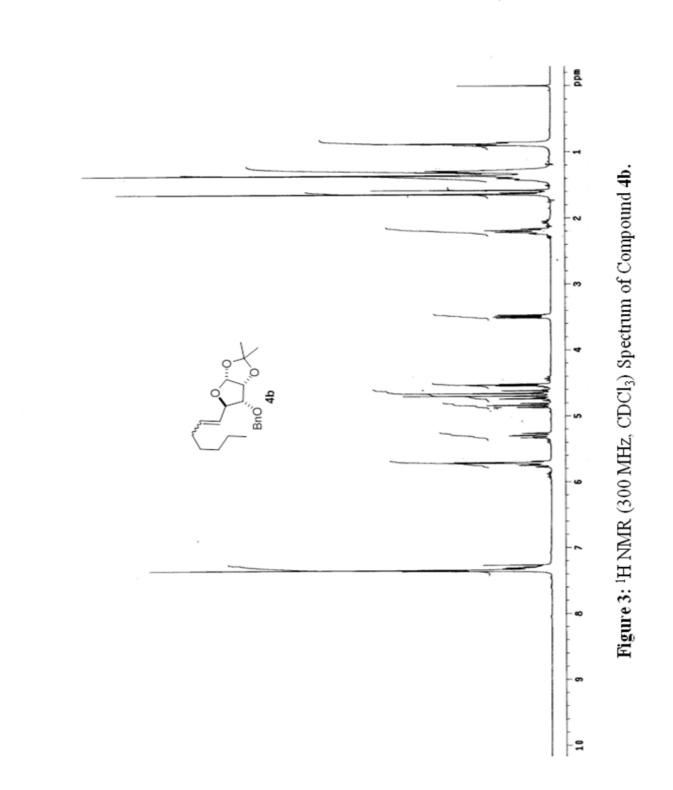
<sup>1</sup> H NMR spectrum of compound <b>4a</b> S3
<sup>1</sup> H NMR spectrum of compound <b>4b</b> S5
<sup>1</sup> H NMR spectrum of compound <b>5a</b> S7
<sup>1</sup> H NMR spectrum of compound <b>5b</b> S9
<sup>1</sup> H NMR spectrum of compound <b>6a</b> S11
<sup>1</sup> H NMR spectrum of compound <b>7a</b> S13
<sup>1</sup> H NMR spectrum of compound <b>8a</b> S15
<sup>1</sup> H NMR spectrum of compound <b>9a</b> S17
<sup>1</sup> H NMR spectrum of compound <b>10a</b> S19
<sup>1</sup> H NMR spectrum of compound (+)-2a S21

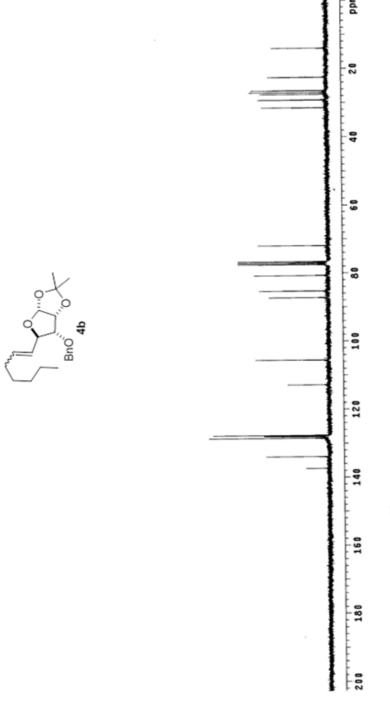
<sup>13</sup> C NMR spectrum of compound <b>4a</b> S6
<sup>13</sup> C NMR spectrum of compound <b>4b</b> S8
<sup>13</sup> C NMR spectrum of compound <b>5a</b> S10
<sup>13</sup> C NMR spectrum of compound <b>5b</b> S12
<sup>13</sup> C NMR spectrum of compound <b>6a</b> S14
<sup>13</sup> C NMR spectrum of compound <b>7a</b> S16
<sup>13</sup> C NMR spectrum of compound <b>8a</b> S18
<sup>13</sup> C NMR spectrum of compound <b>9a</b> S20
<sup>13</sup> C NMR spectrum of compound <b>10a</b> S22
<sup>13</sup> C NMR spectrum of compound (+)-2a S2a

## <sup>1</sup>H NMR and <sup>13</sup>C NMR Spectra









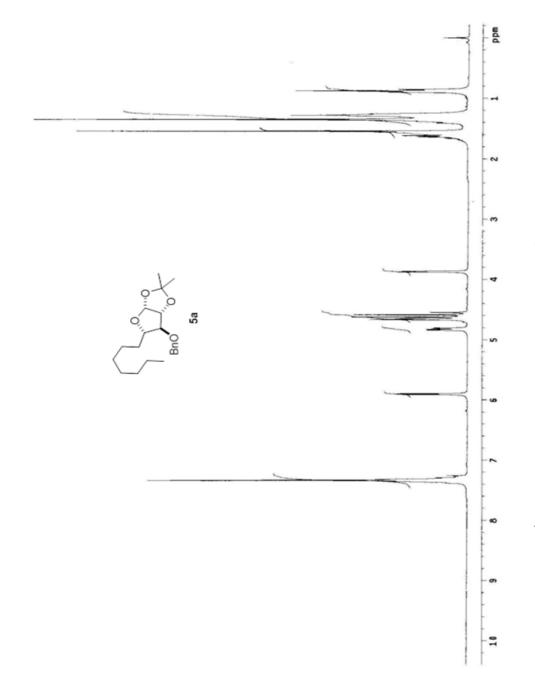
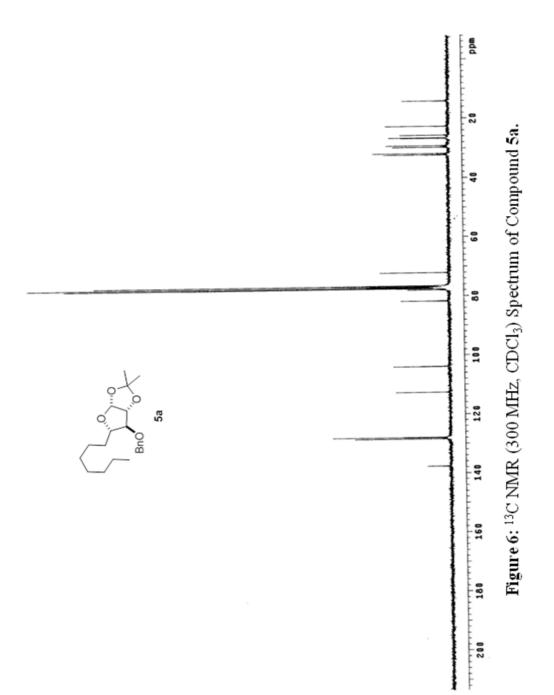
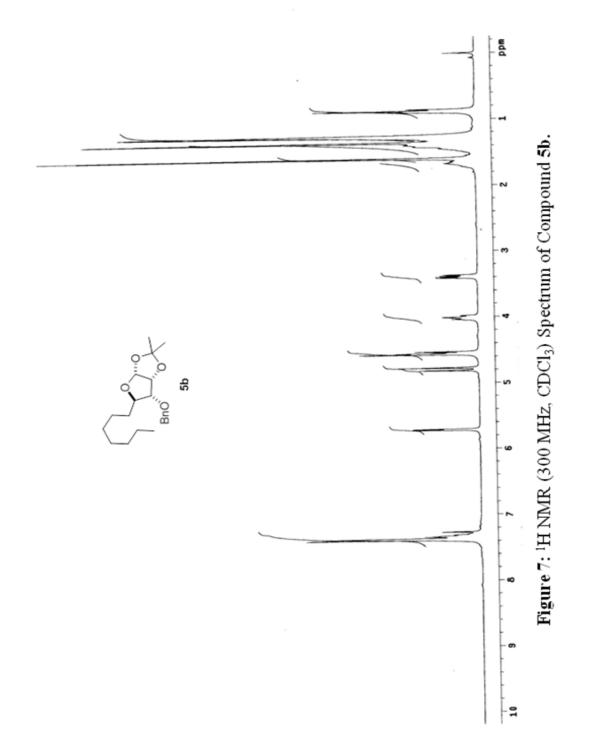
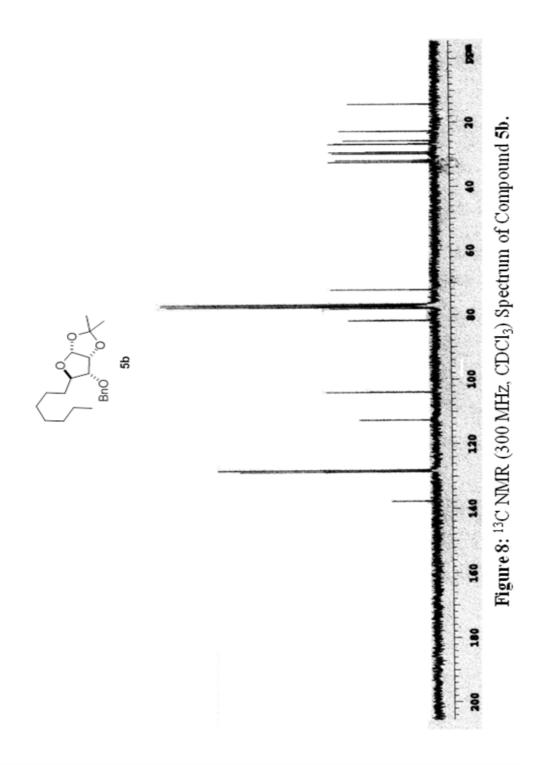


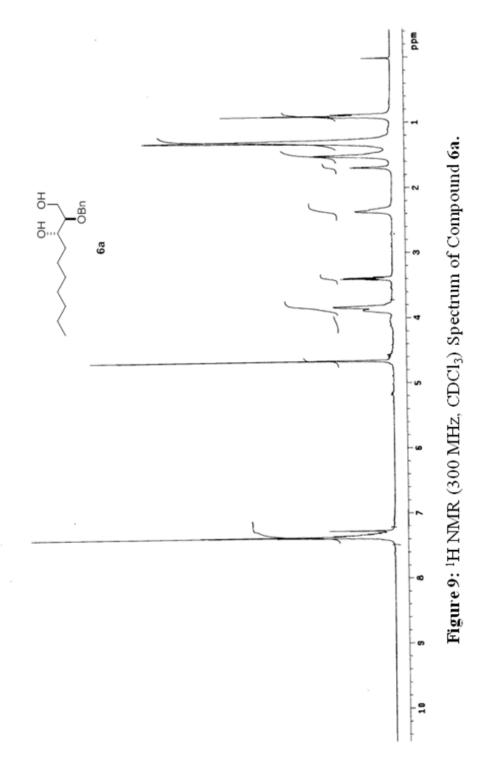
Figure 5: <sup>1</sup>H NMR (300 MHz, CDCl<sub>3</sub>) Spectrum of Compound 5a.

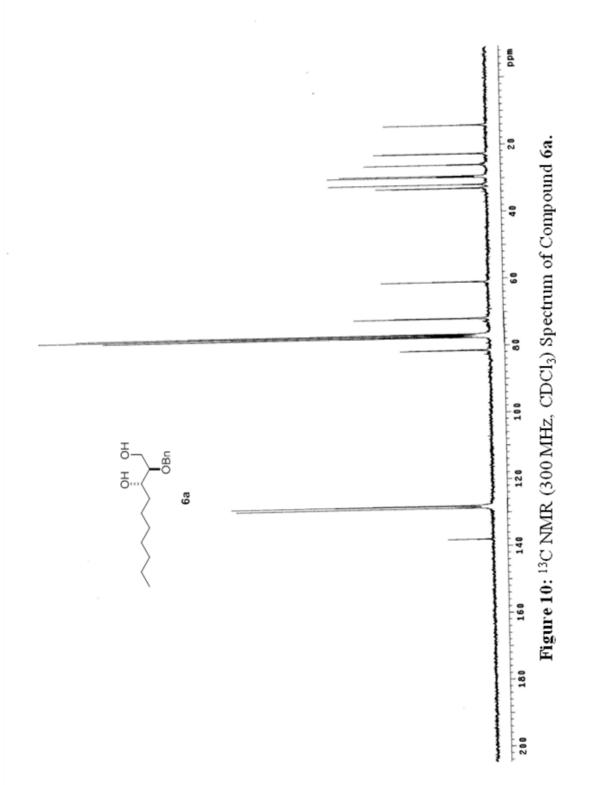


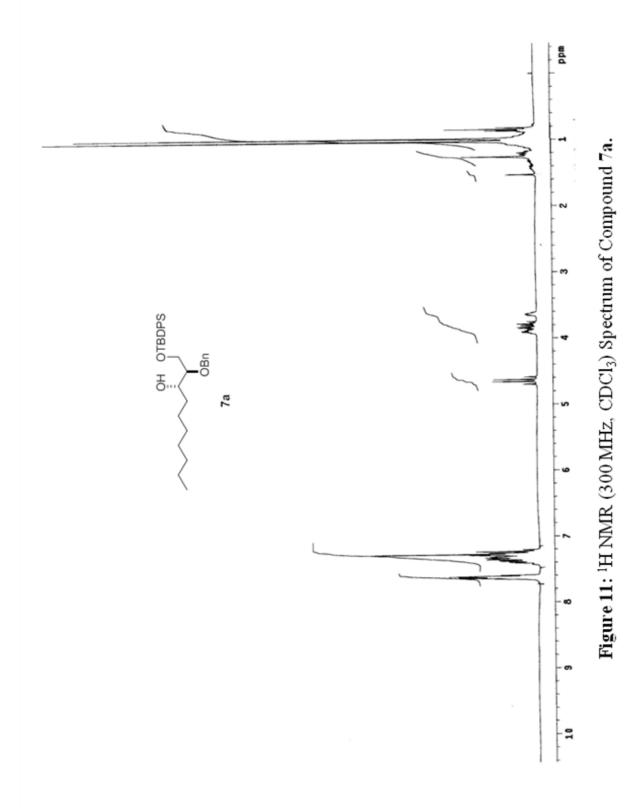


**S**9

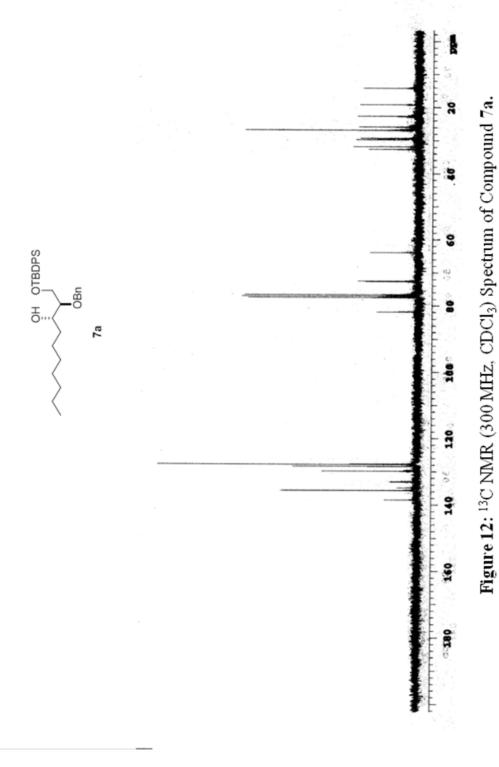




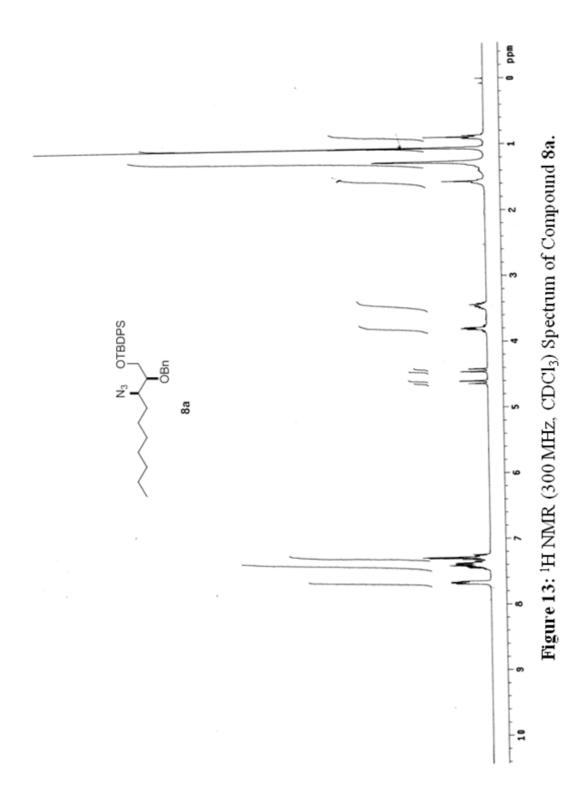


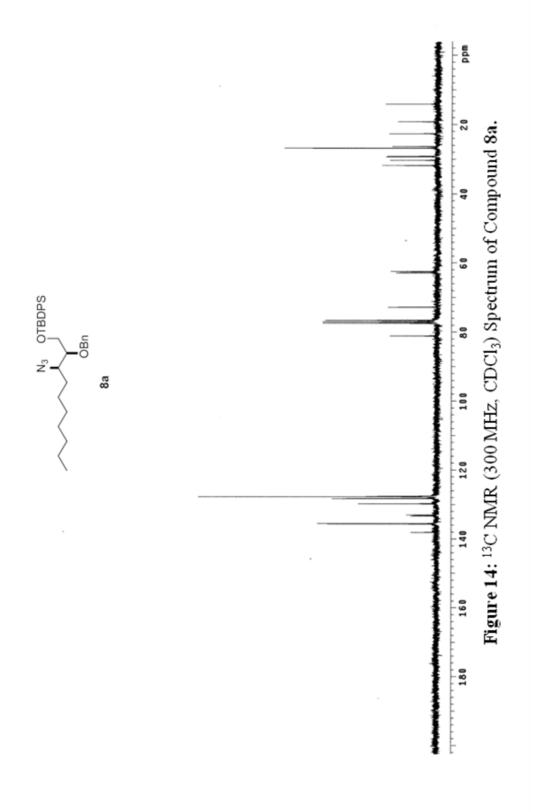


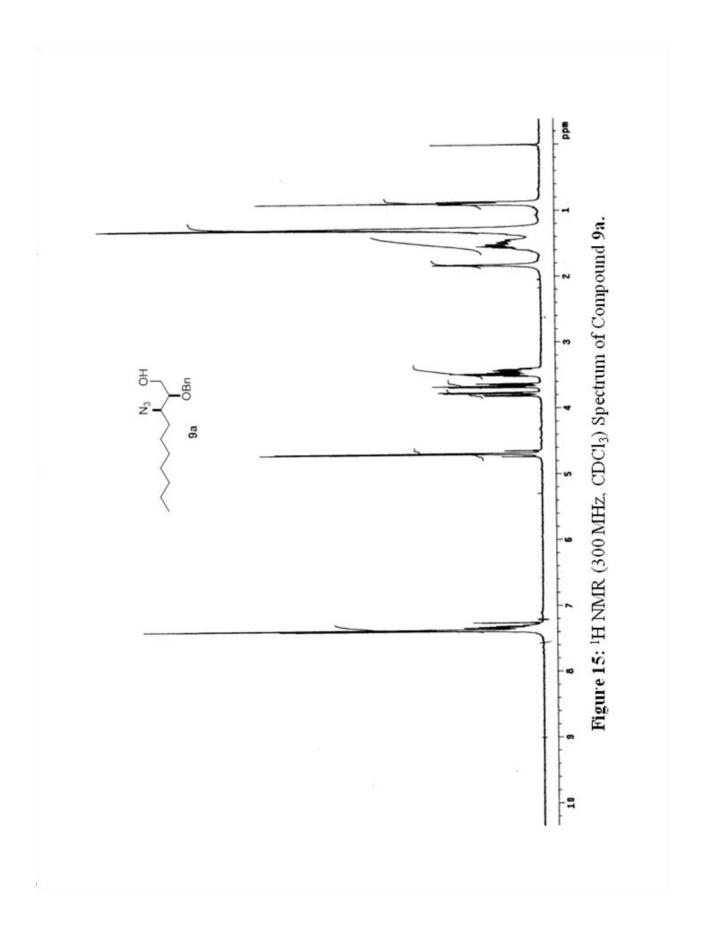
S13

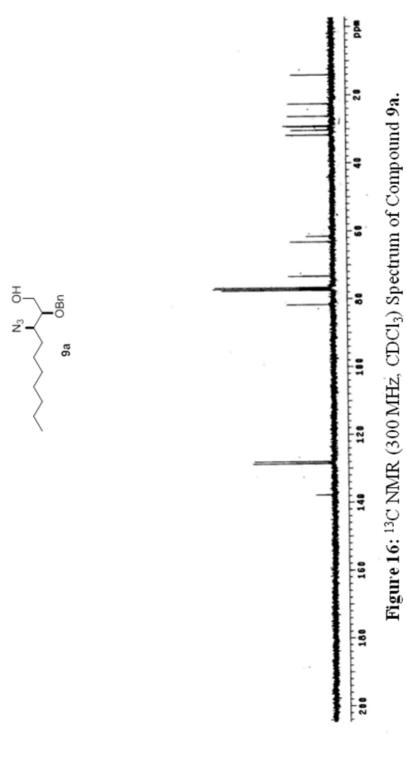


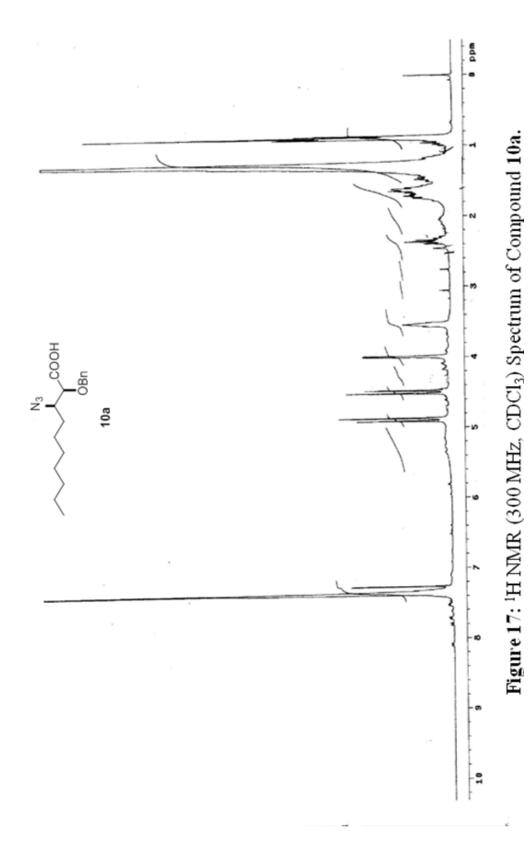
S14











S19

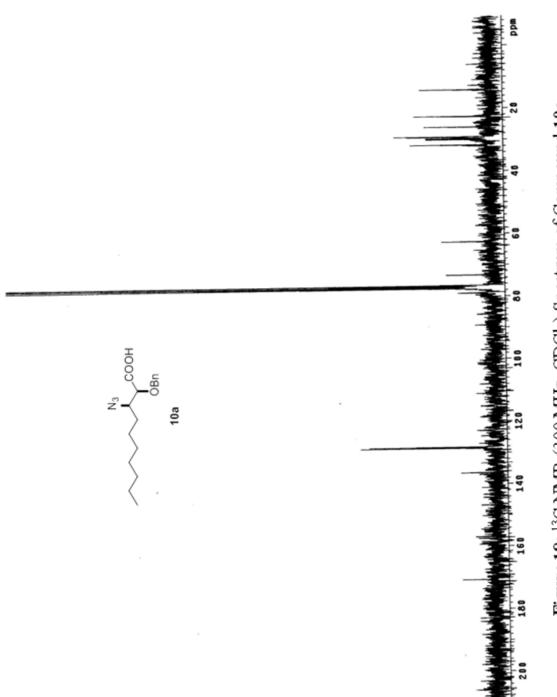


Figure 18: <sup>13</sup>C NMR (300 MHz, CDCl<sub>3</sub>) Spectrum of Compound 10a.

