



THE SCHOOL OF PHARMACY

UNIVERSITY OF LONDON

DEPARTMENT OF PHARMACEUTICAL AND BIOLOGICAL CHEMISTRY

ULIRS MASS SPECTROMETRY FACILITY

(29/39 Brunswick Square, London WC1N 1AX. Tel 020 7753 5805. Fax 020 7278 0622)

FACILITY MANAGER

Dr K. Welham
Tel : 020 7753 5876

Date: 25th April 2001

My ref MS2001/59

I have analysed the samples you submitted and the results of the low resolution FAB mass spectrometry are attached. I have also done accurate mass measurements on the 'molecular' ions of those samples that worked and the results are given below.

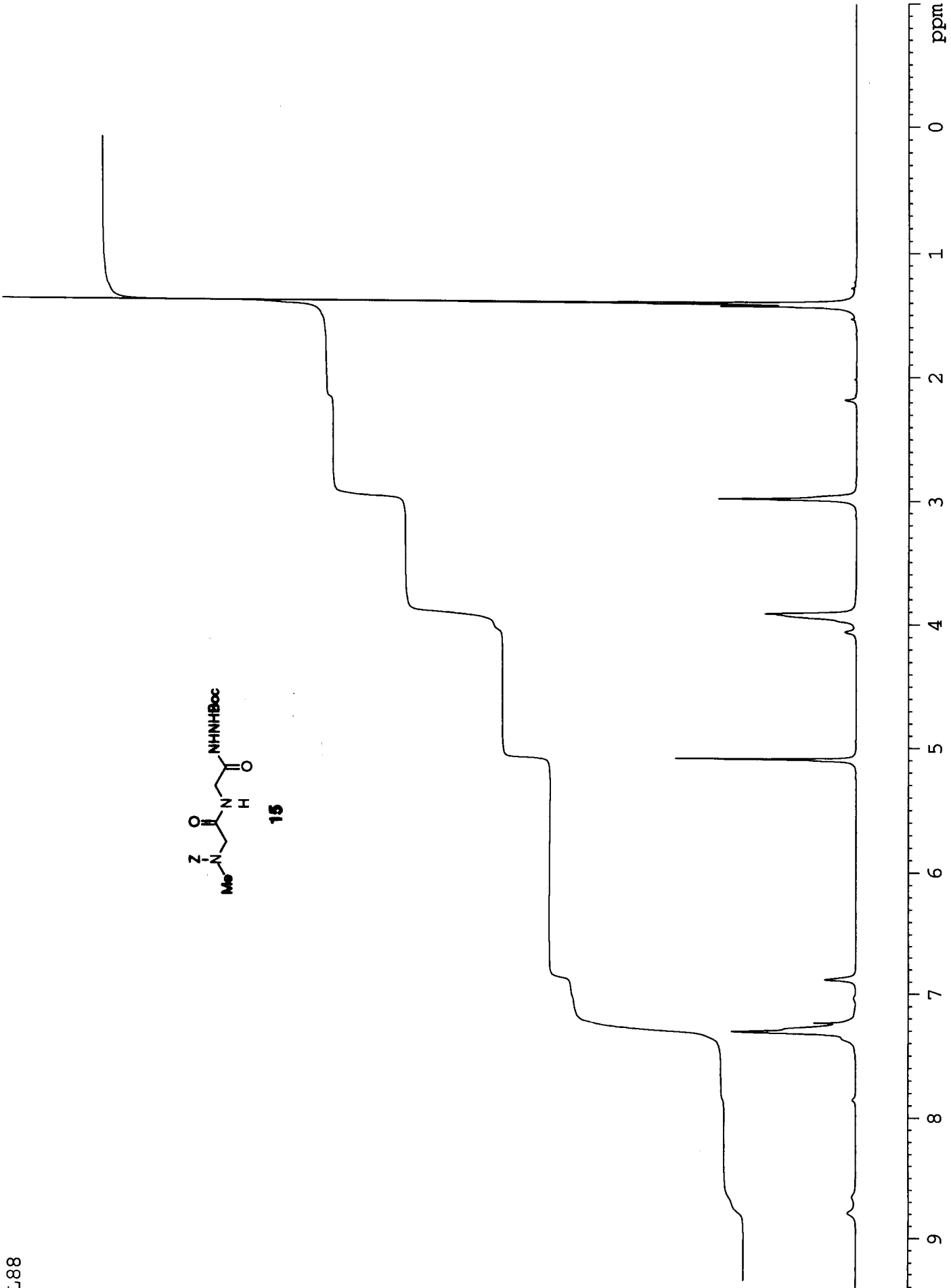
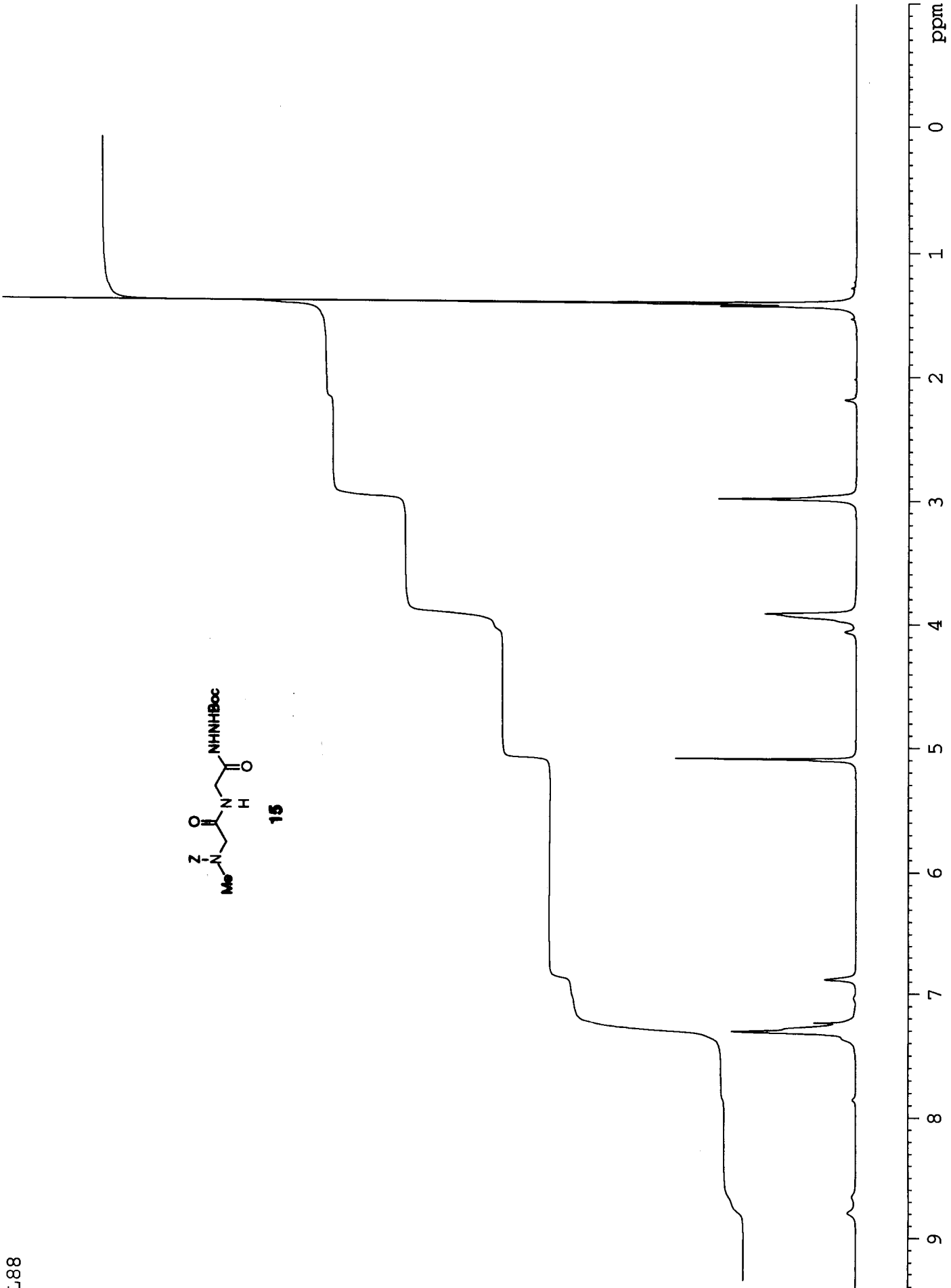
<u>Your reference</u>	<u>Measured mass</u>	<u>Formula</u>	<u>Ion measured</u>	<u>Actual mass</u>
ILL 3	348.1585	$C_{22}H_{22}O_3N$	M+H	348.1600
ILL 38	555.1030	$C_{20}H_{31}O_8N_2Cl_3Na$	M+Na	555.1044
ILL 66	914.3720	$C_{47}H_{53}O_{11}N_7Na$	M+Na	914.3701
ILL 80	692.3040	$C_{32}H_{43}O_9N_7Na$	M+Na	692.3020
ILL 82	515.0720	$C_{17}H_{27}O_8N_2Cl_3Na$	M+Na	515.0731
ILL 84	1166.3720	$C_{49}H_{68}O_{16}N_9Cl_3Na$	M+Na	1166.3747
ILL 87	934.2300	$C_{39}H_{48}O_{12}N_7Cl_3Na$	M+Na	934.2324
ILL 88	417.1765	$C_{18}H_{26}O_6N_4Na$	M+Na	417.1750
ILL 89	261.1550	$C_{10}H_{21}O_4N_4$	M+H	261.1563
ILL 96	894.3632	$C_{44}H_{53}O_{12}N_7Na$	M+Na	894.3650
ILL 98	838.3090	$C_{50}H_{45}O_8N_3Na$	M+Na	838.3104
ILL 99	672.2300	$C_{37}H_{35}O_8N_3Na$	M+Na	672.2322
ILL 125	514.2600	$C_{21}H_{36}O_8N_7$	M+H	514.2625

If you have any problems or queries do not hesitate to contact me.

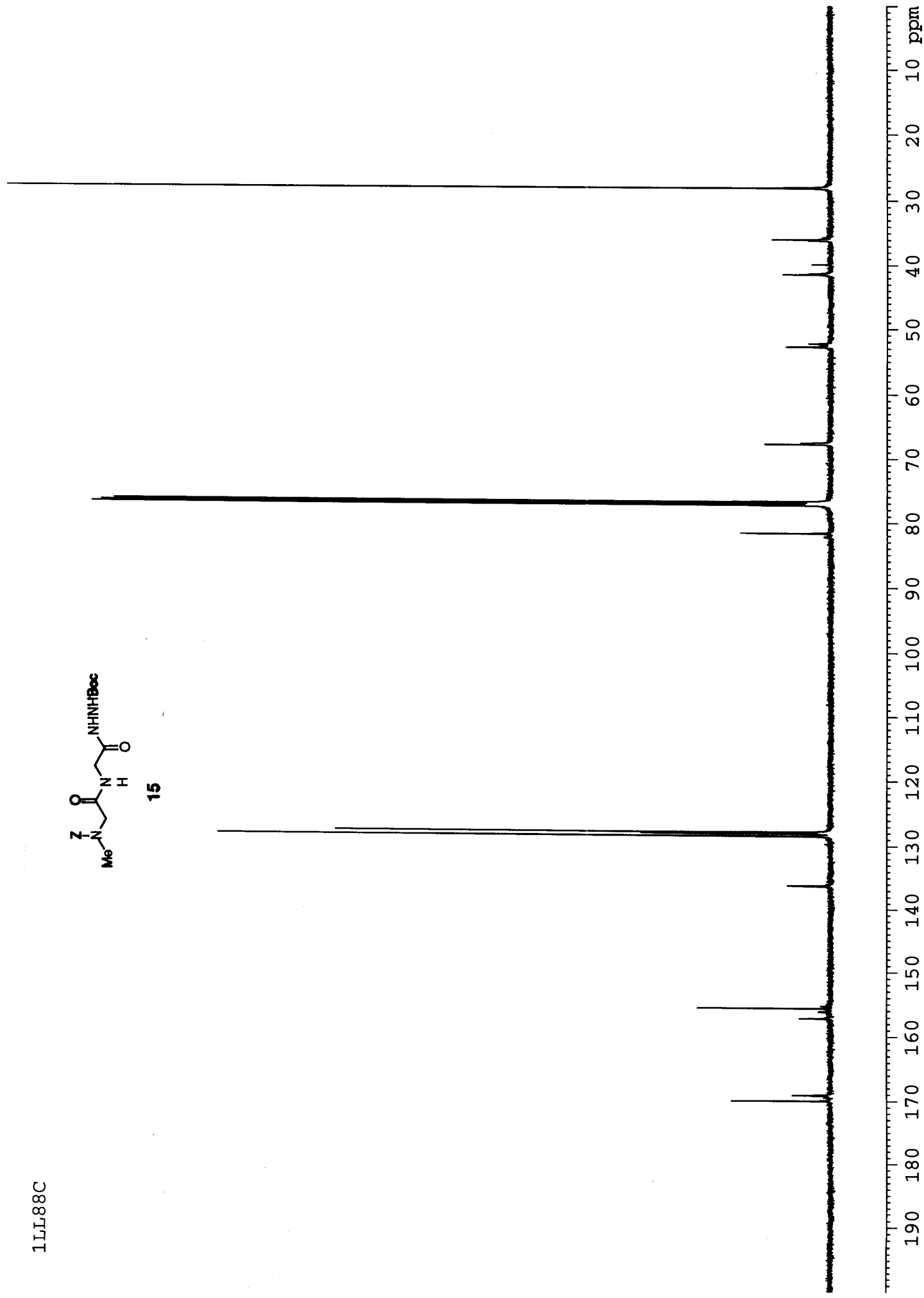
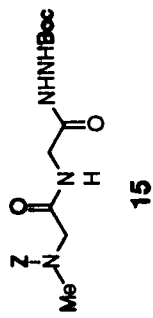
M. Cocksedge

Mike Cocksedge

(E-mail mike.cocksedge@ulsop.ac.uk)

[illegible]

11L88C

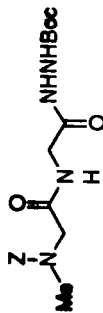
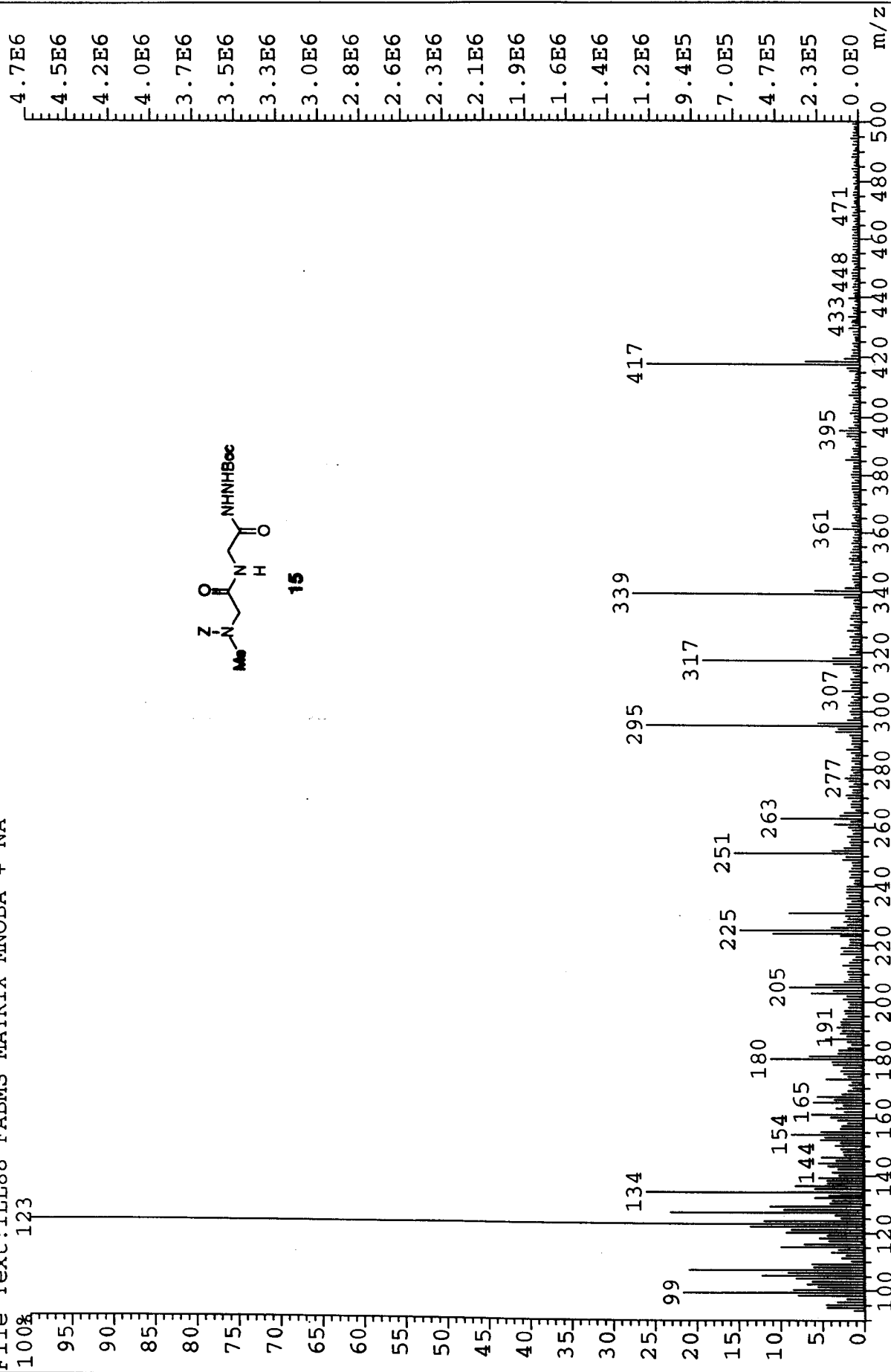


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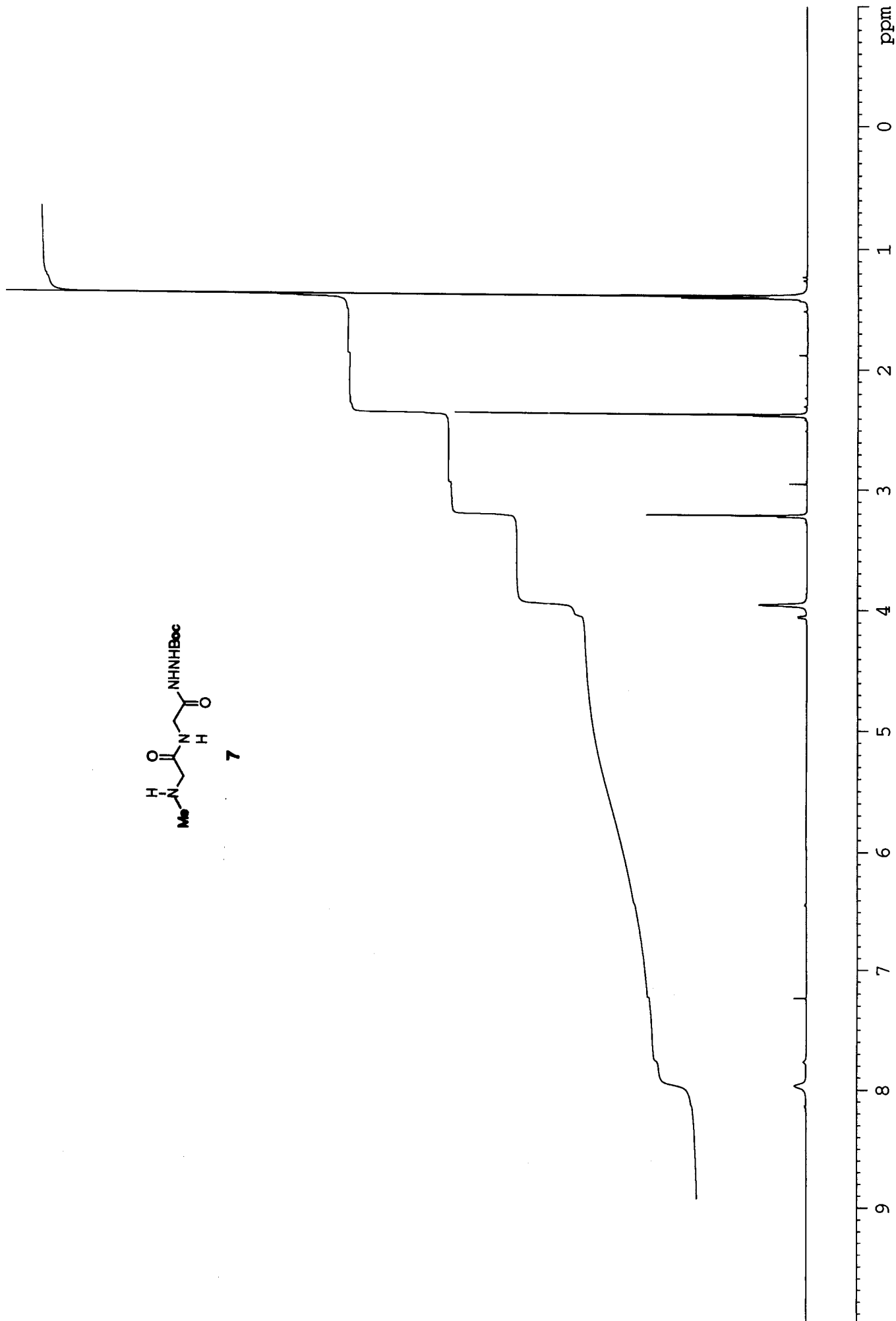
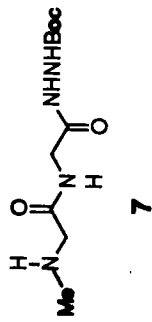
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100% 123

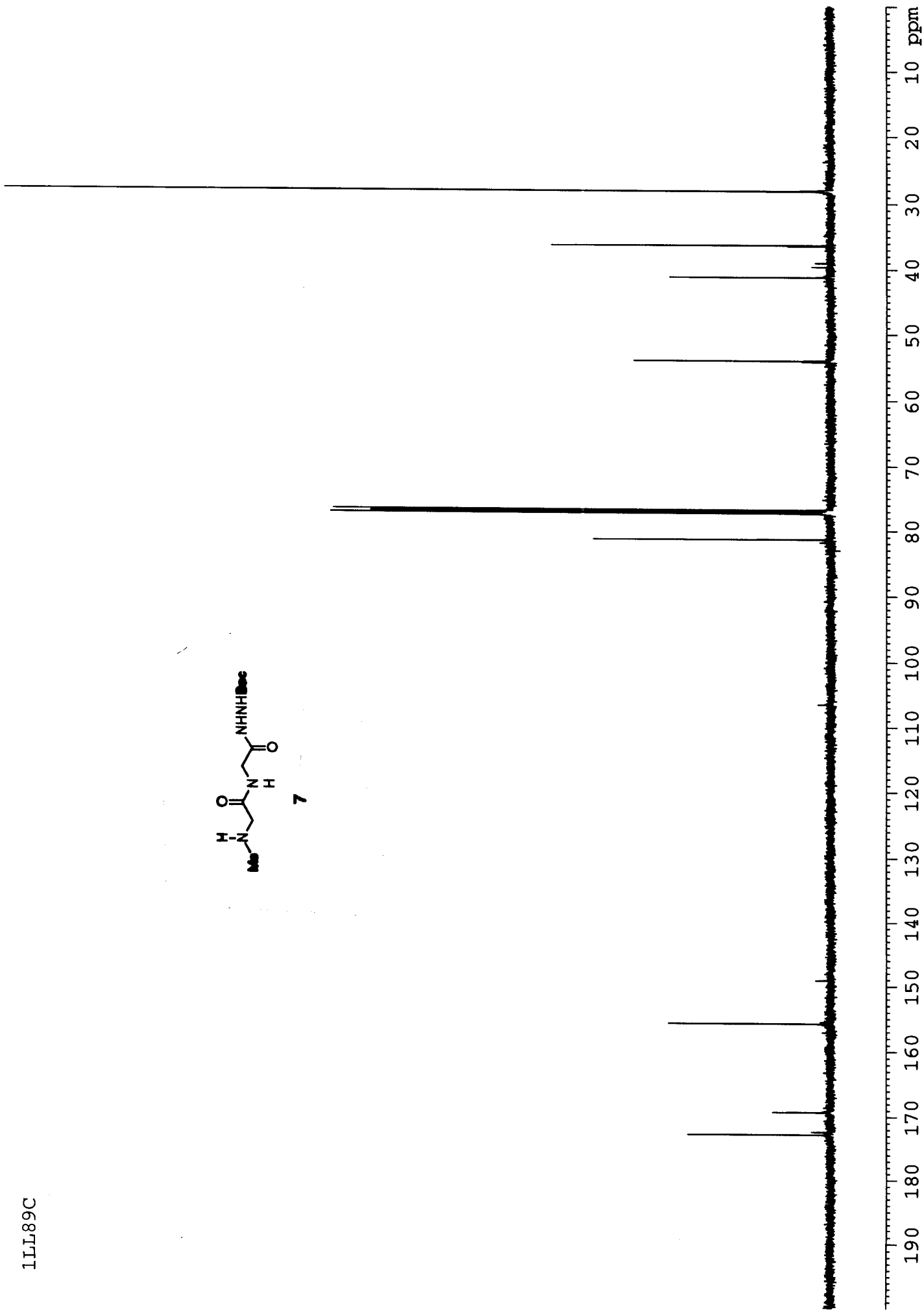
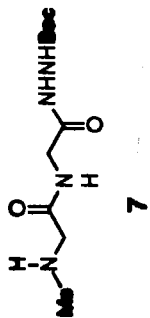


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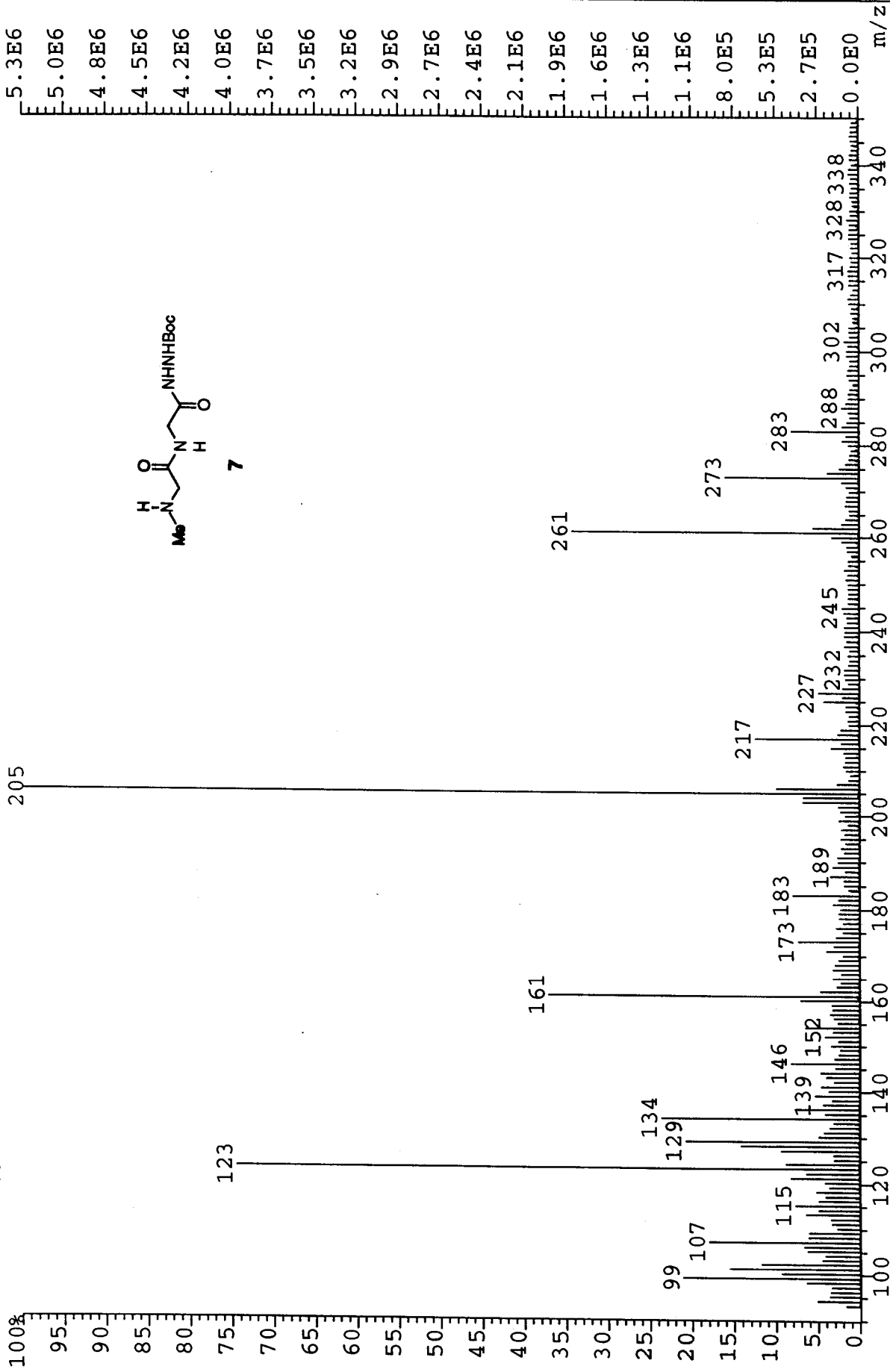
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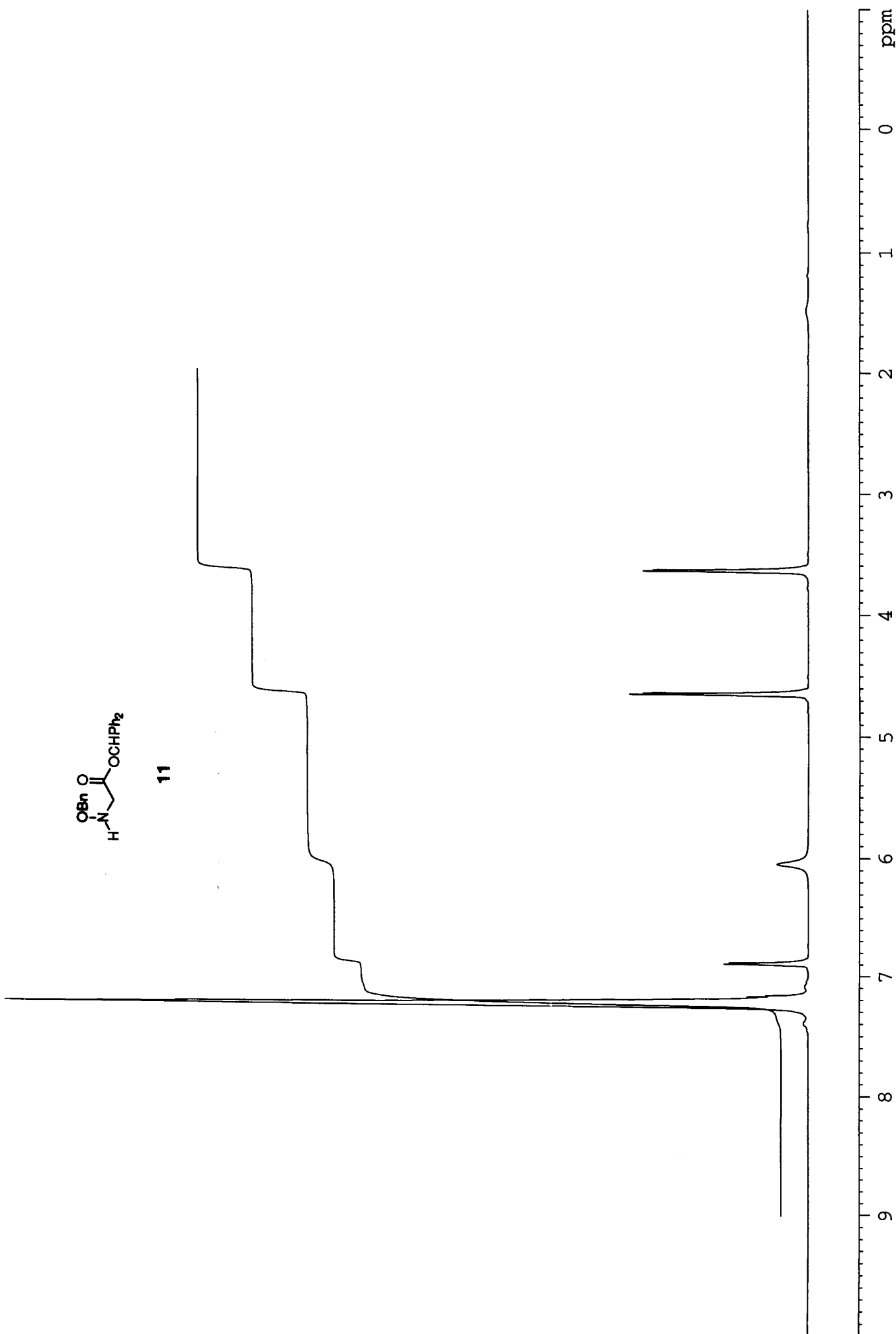


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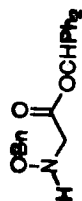


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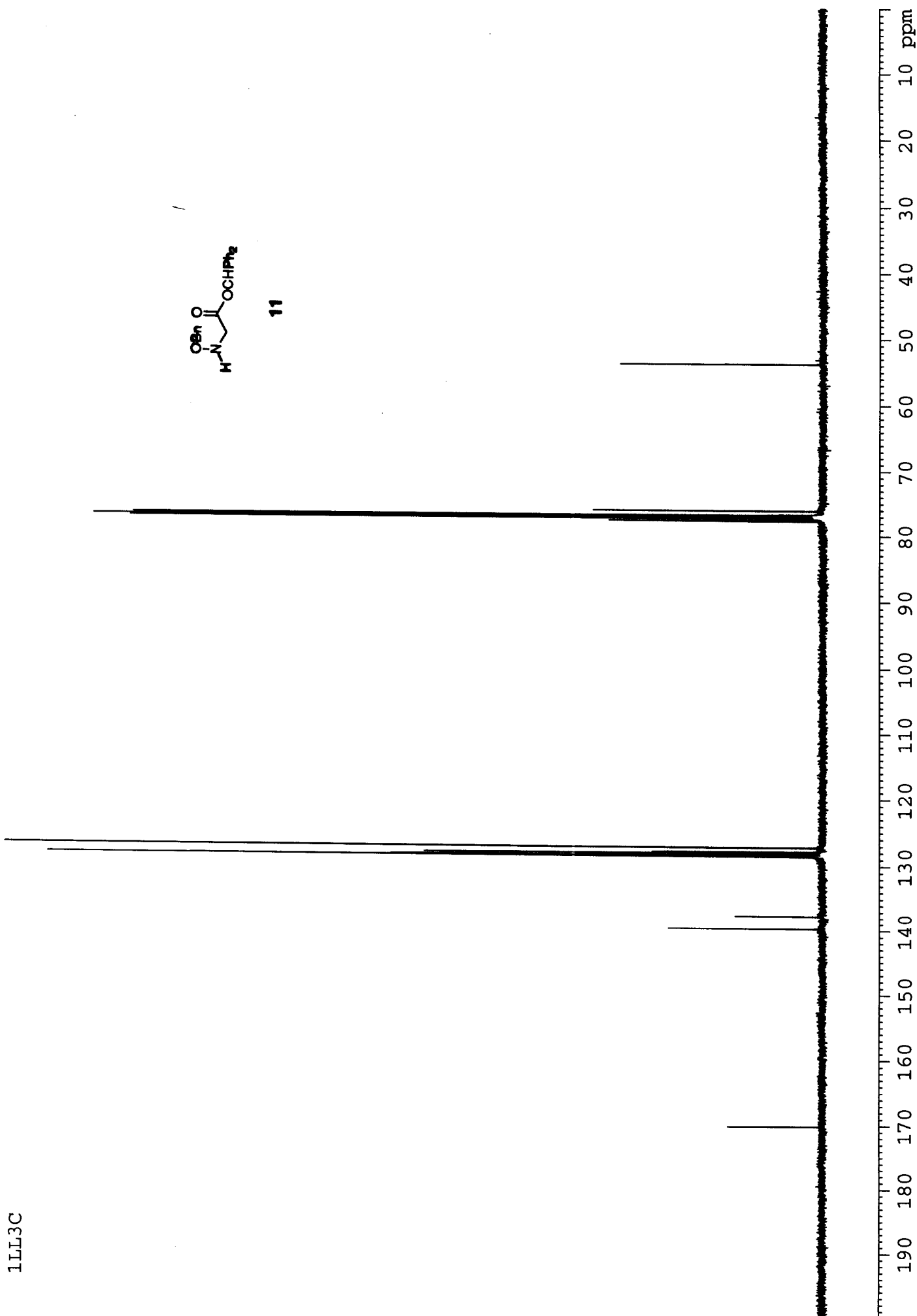




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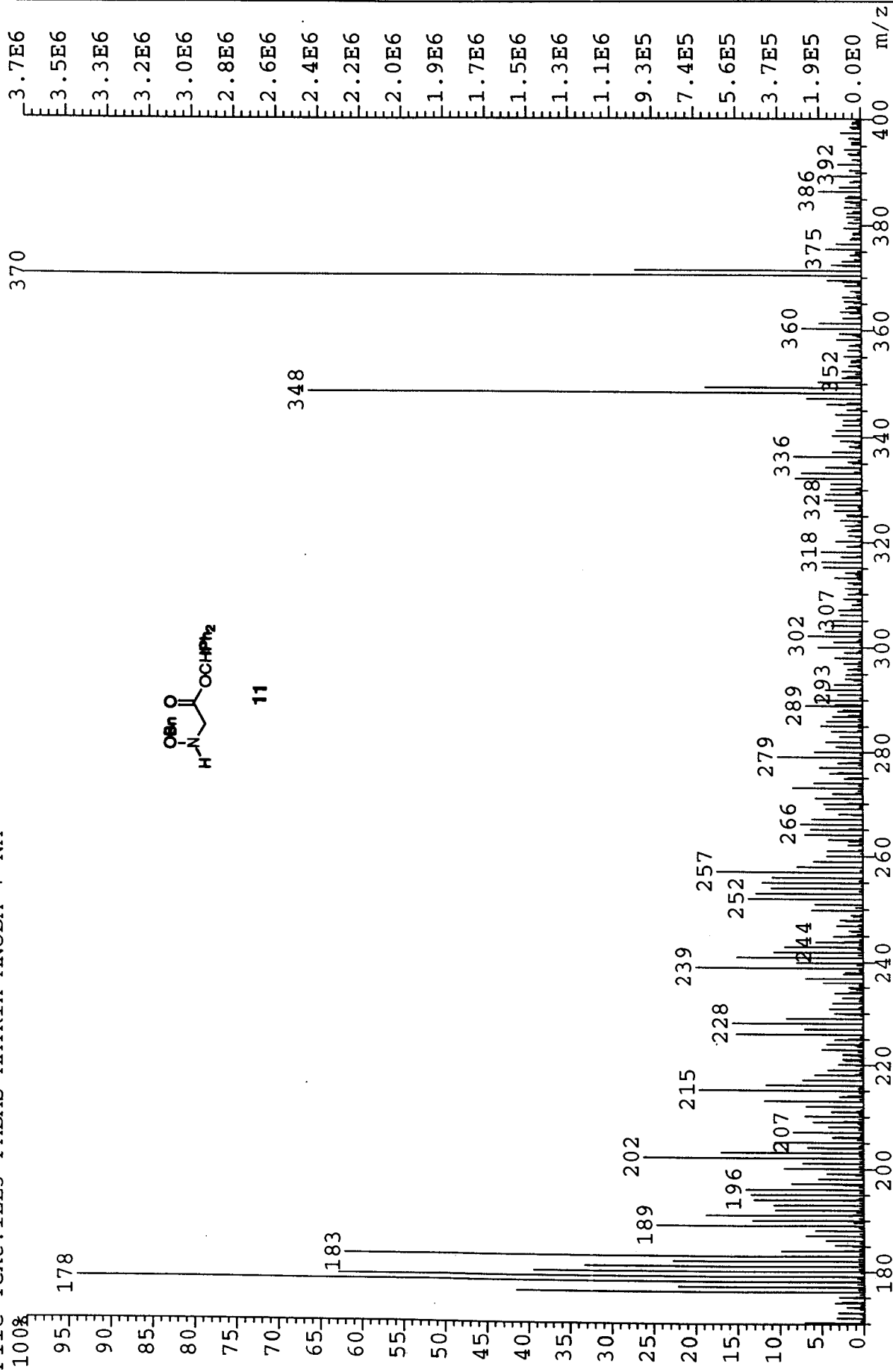
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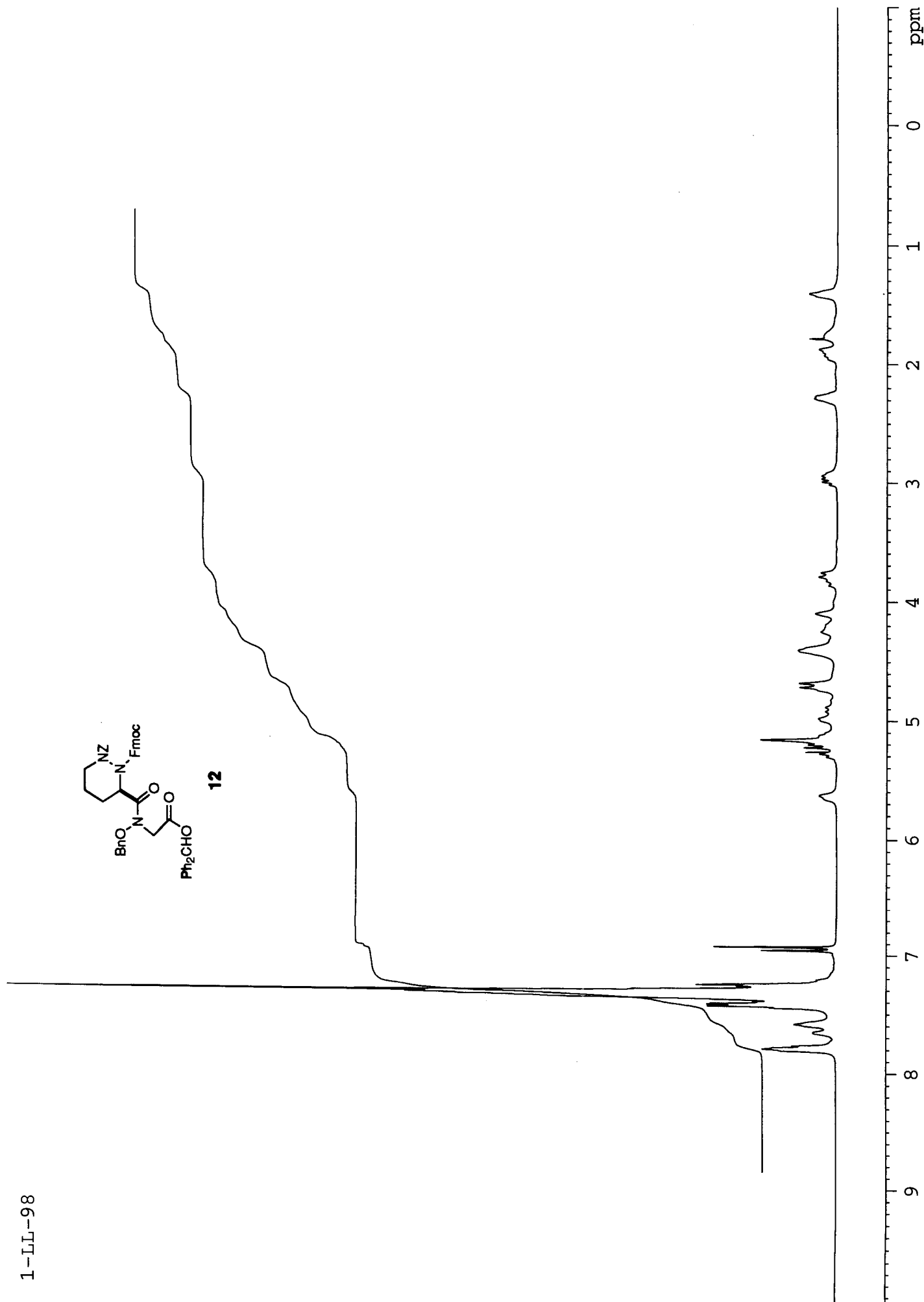
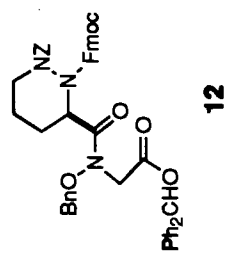
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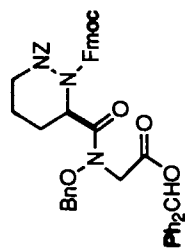
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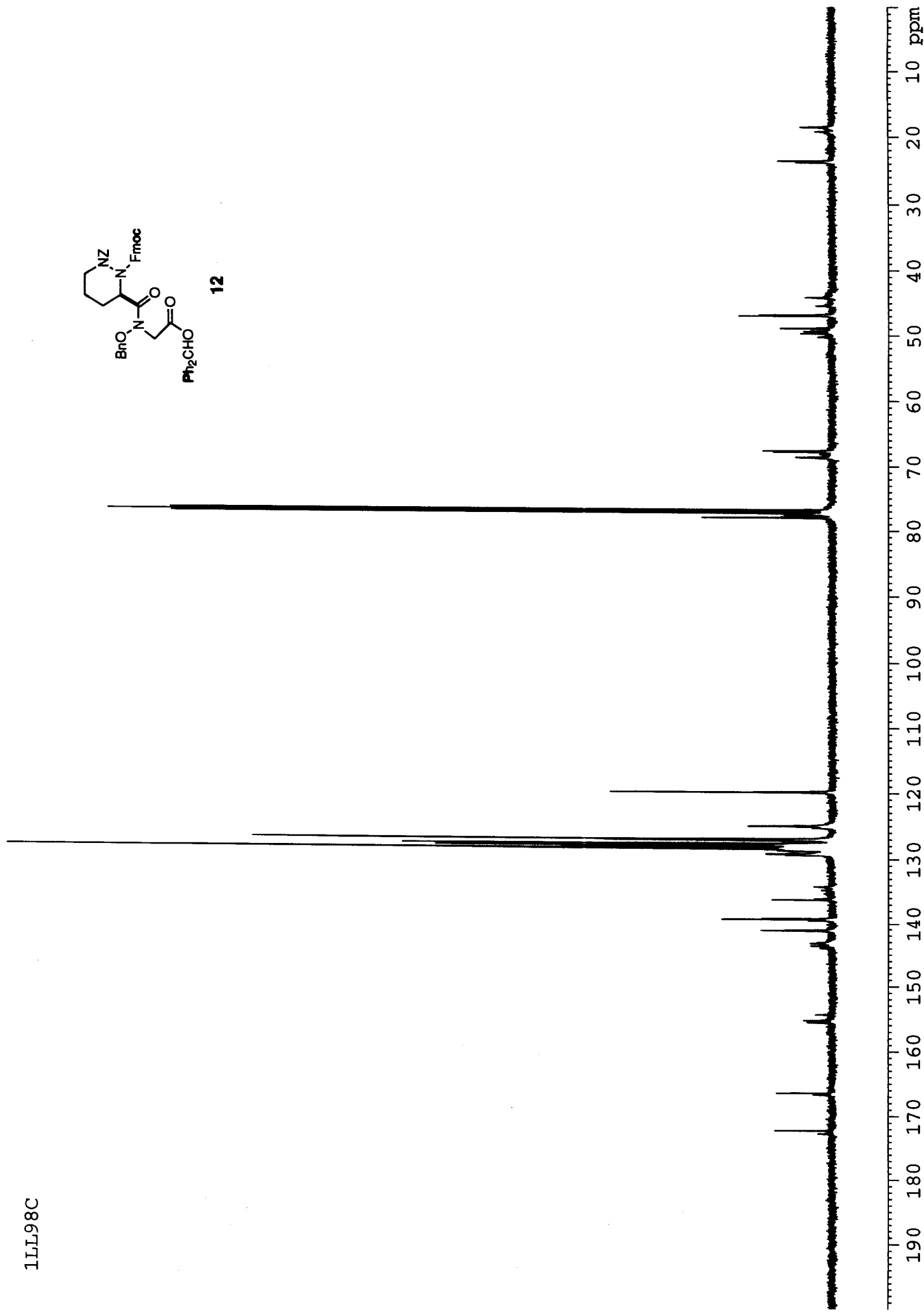
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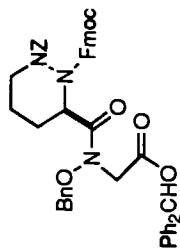
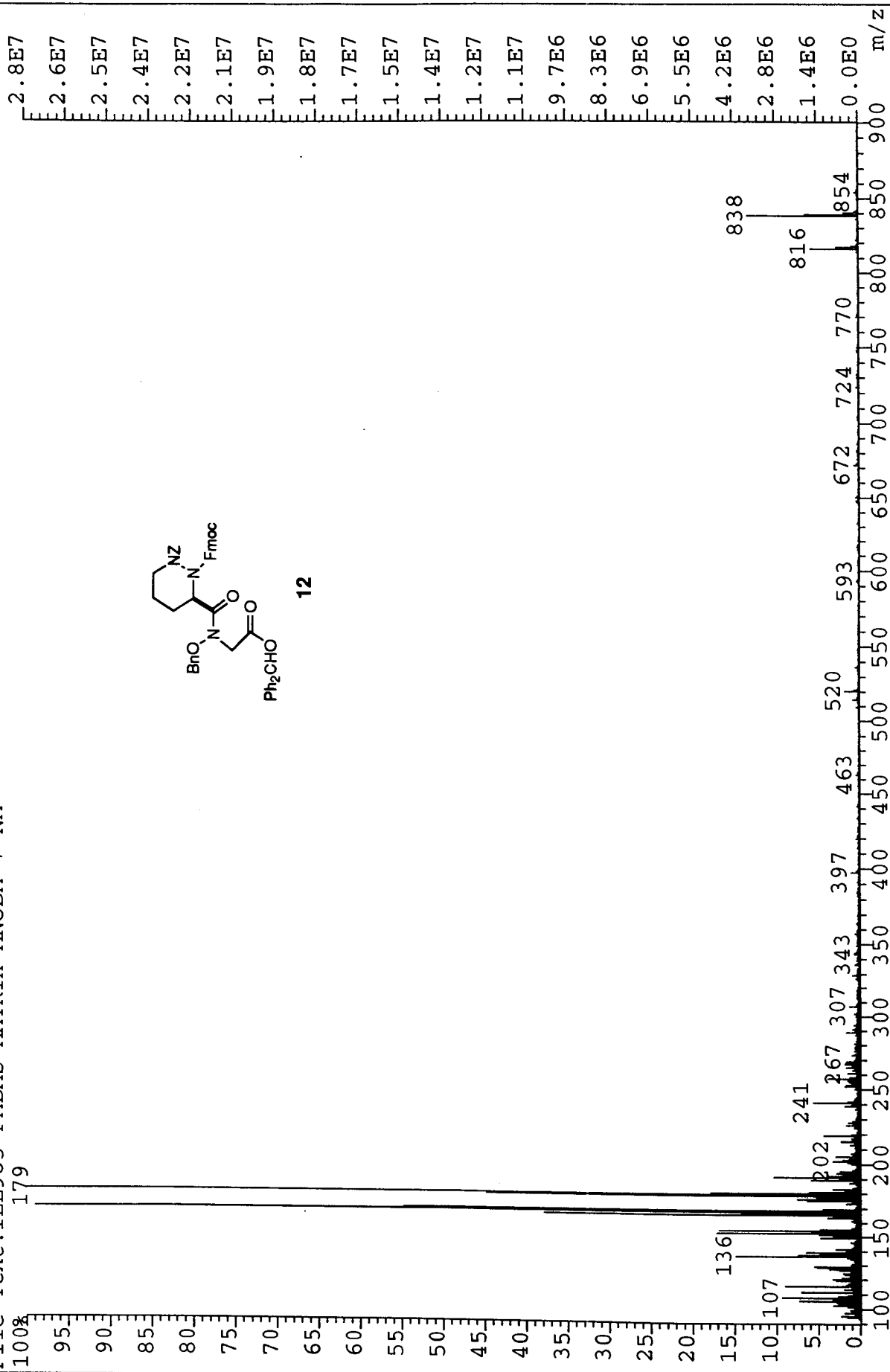
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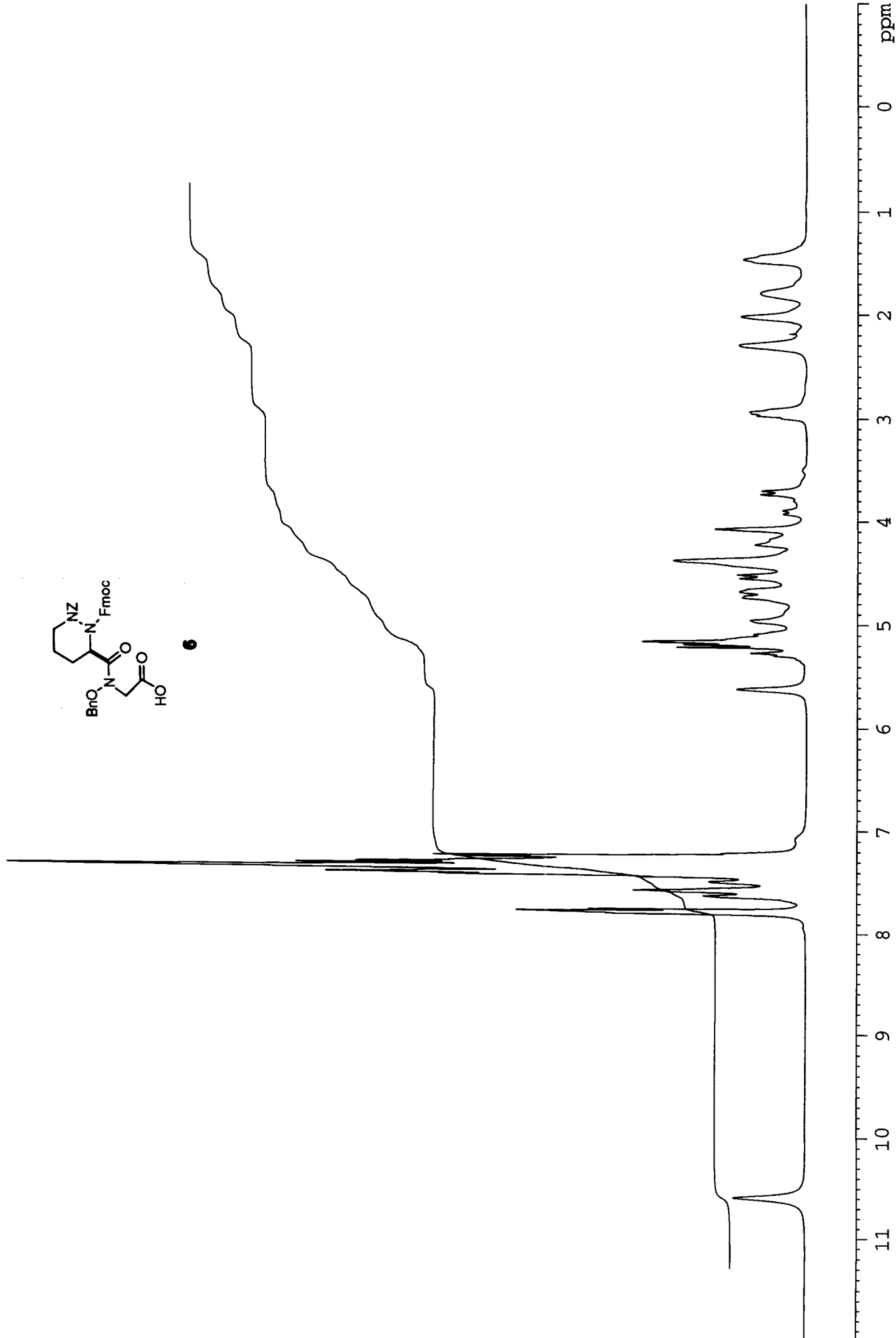
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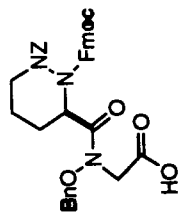
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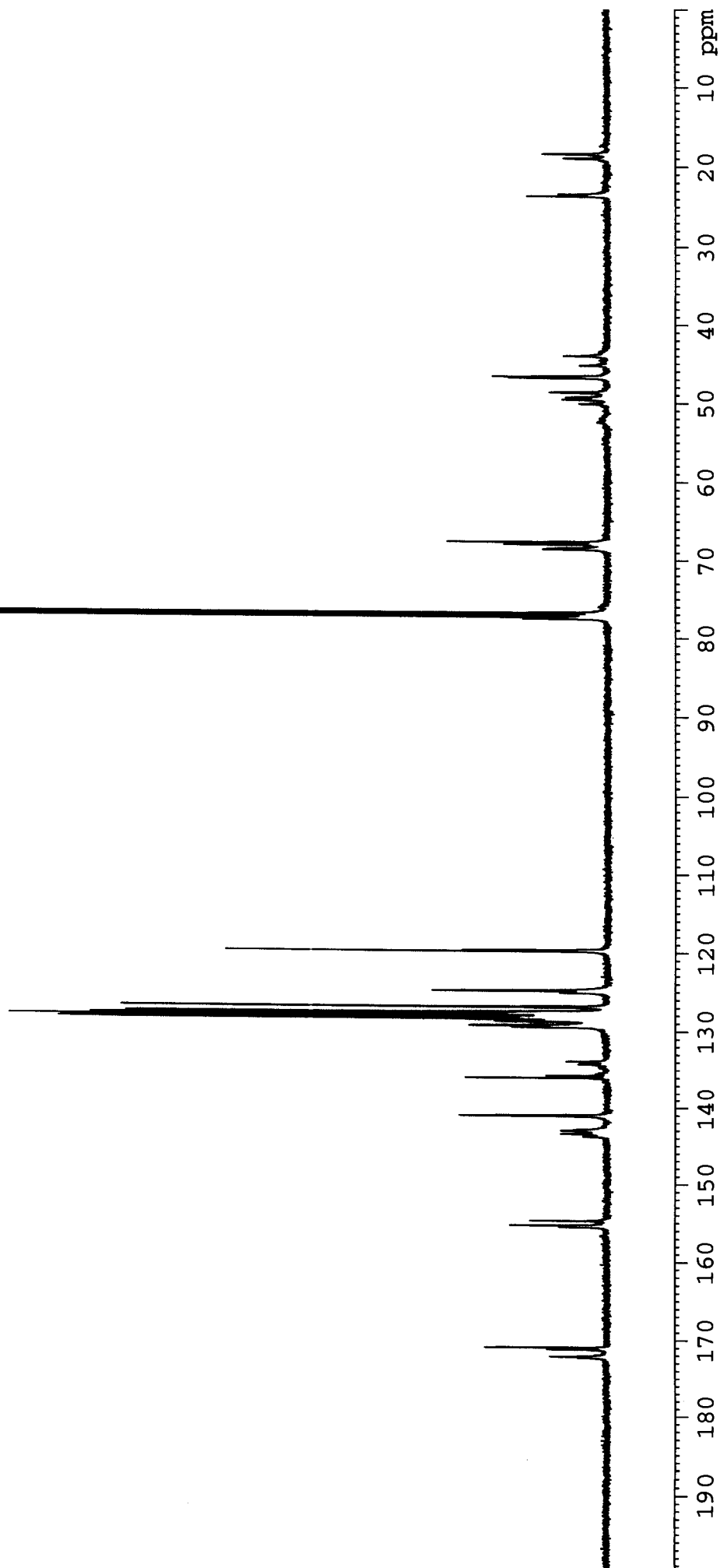
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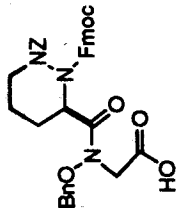
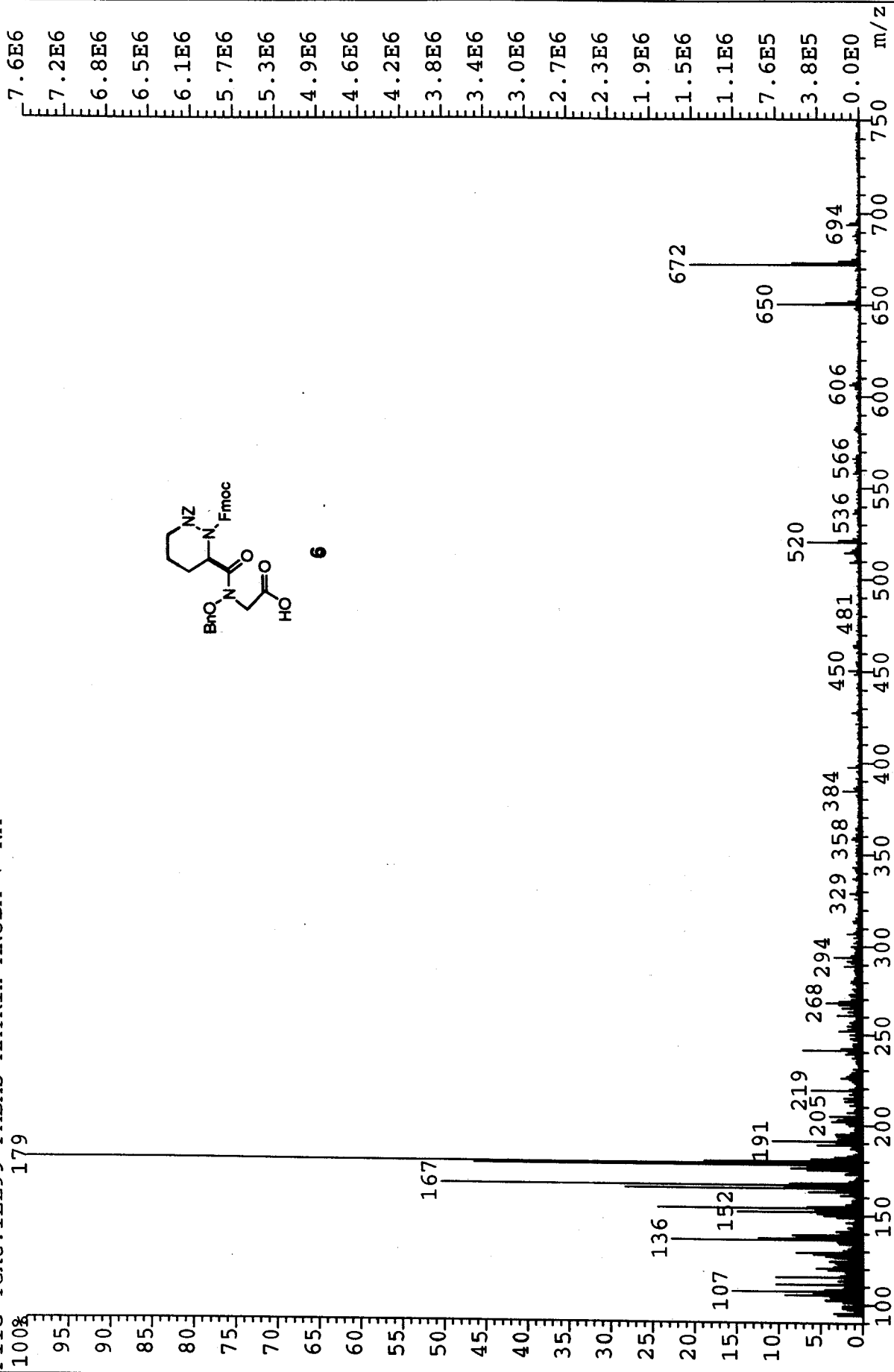
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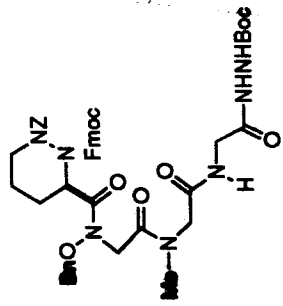


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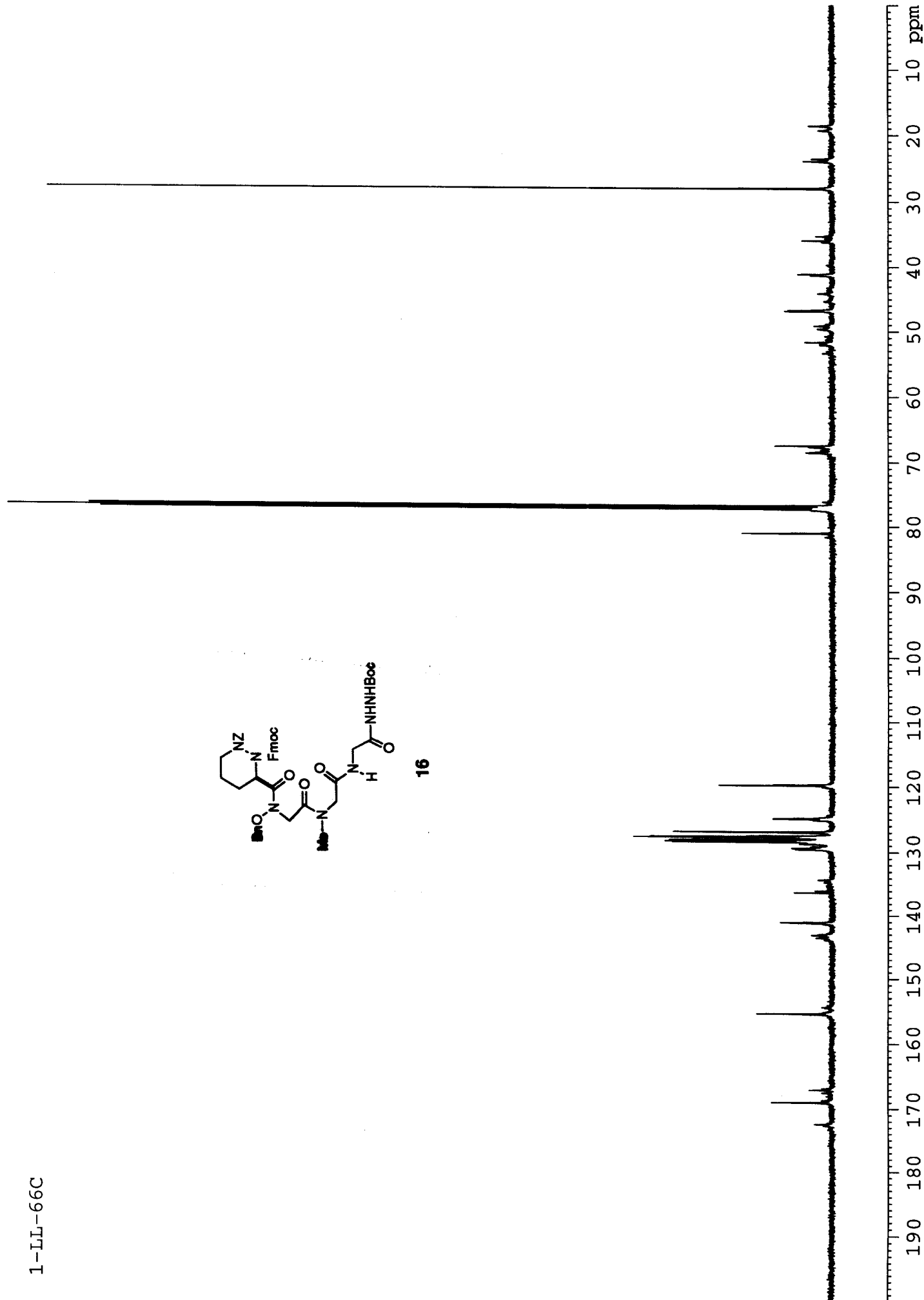


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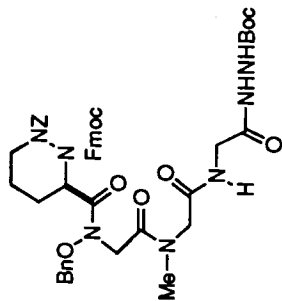
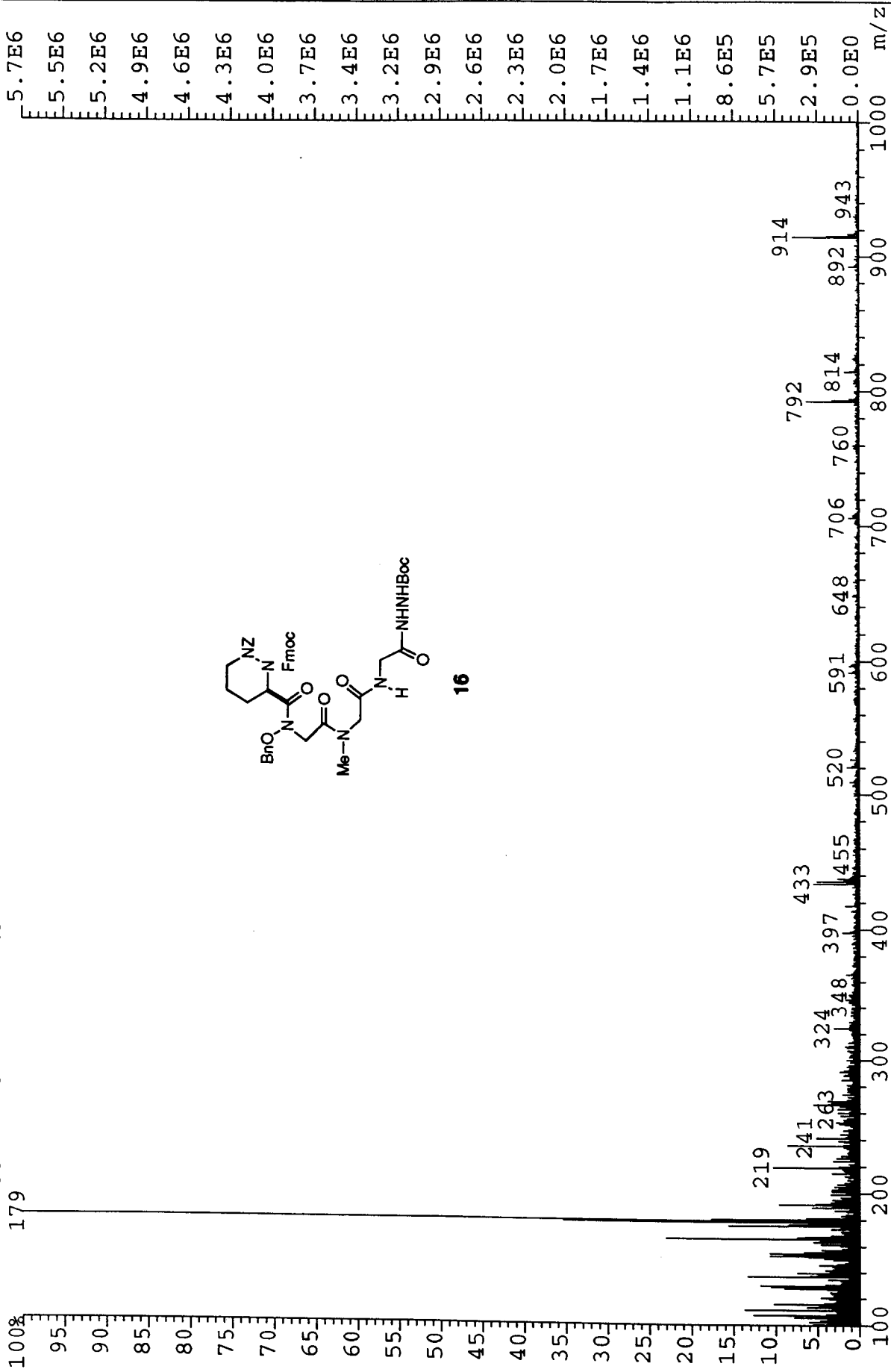
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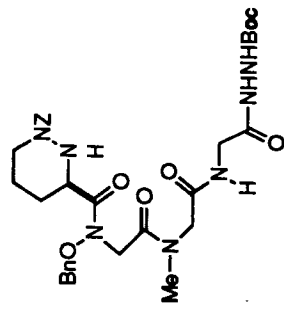
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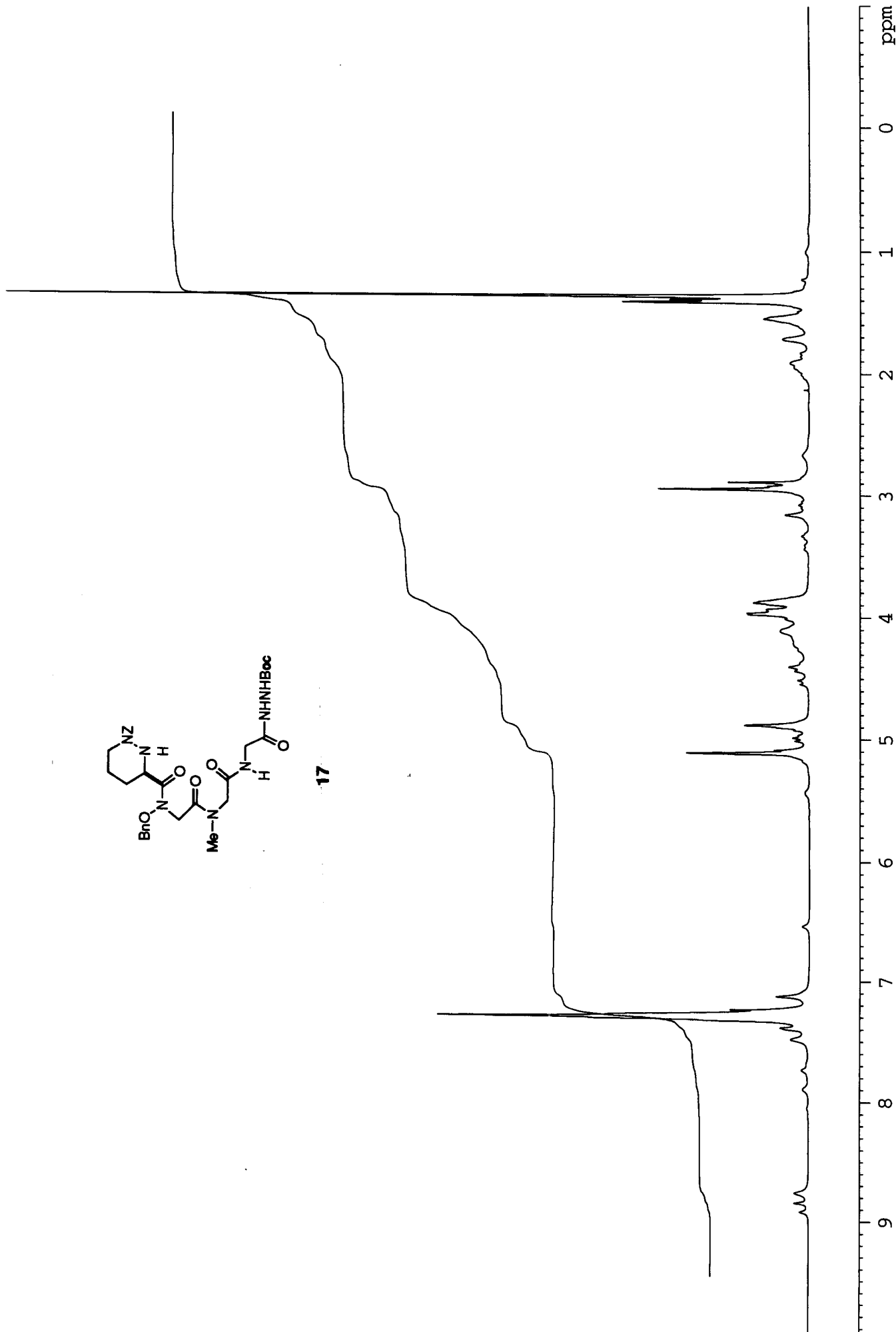
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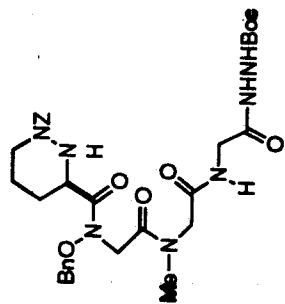
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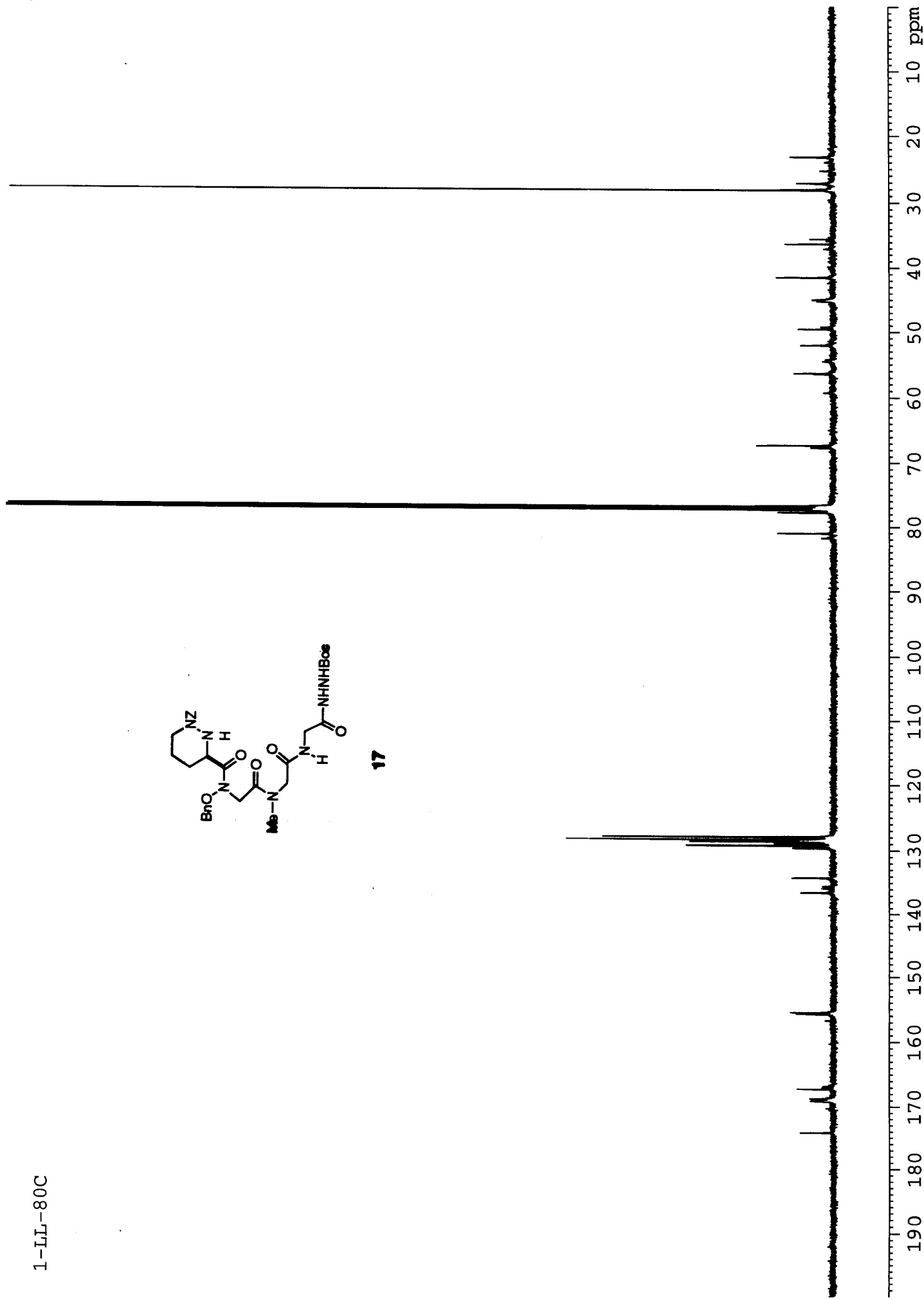
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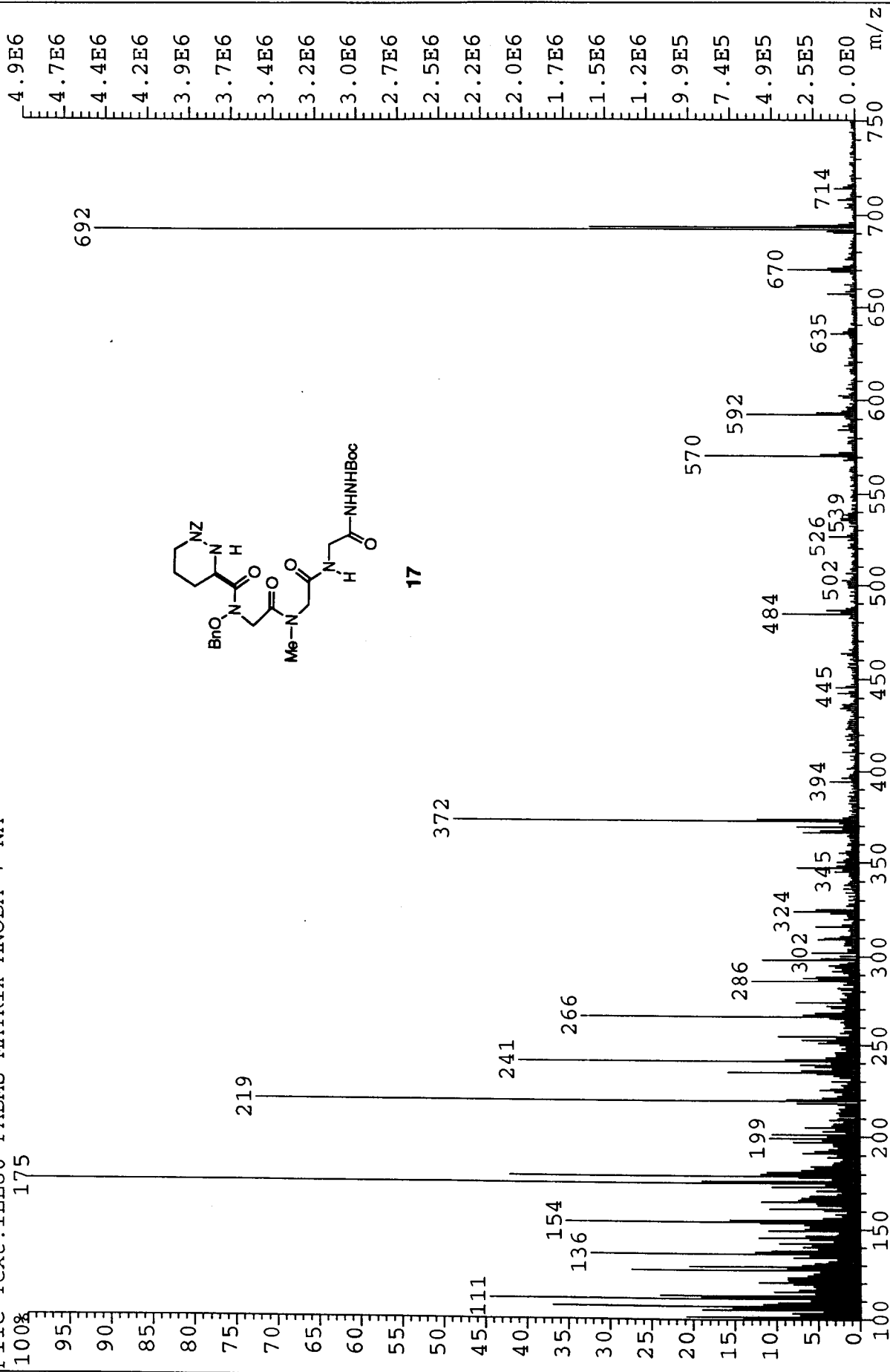
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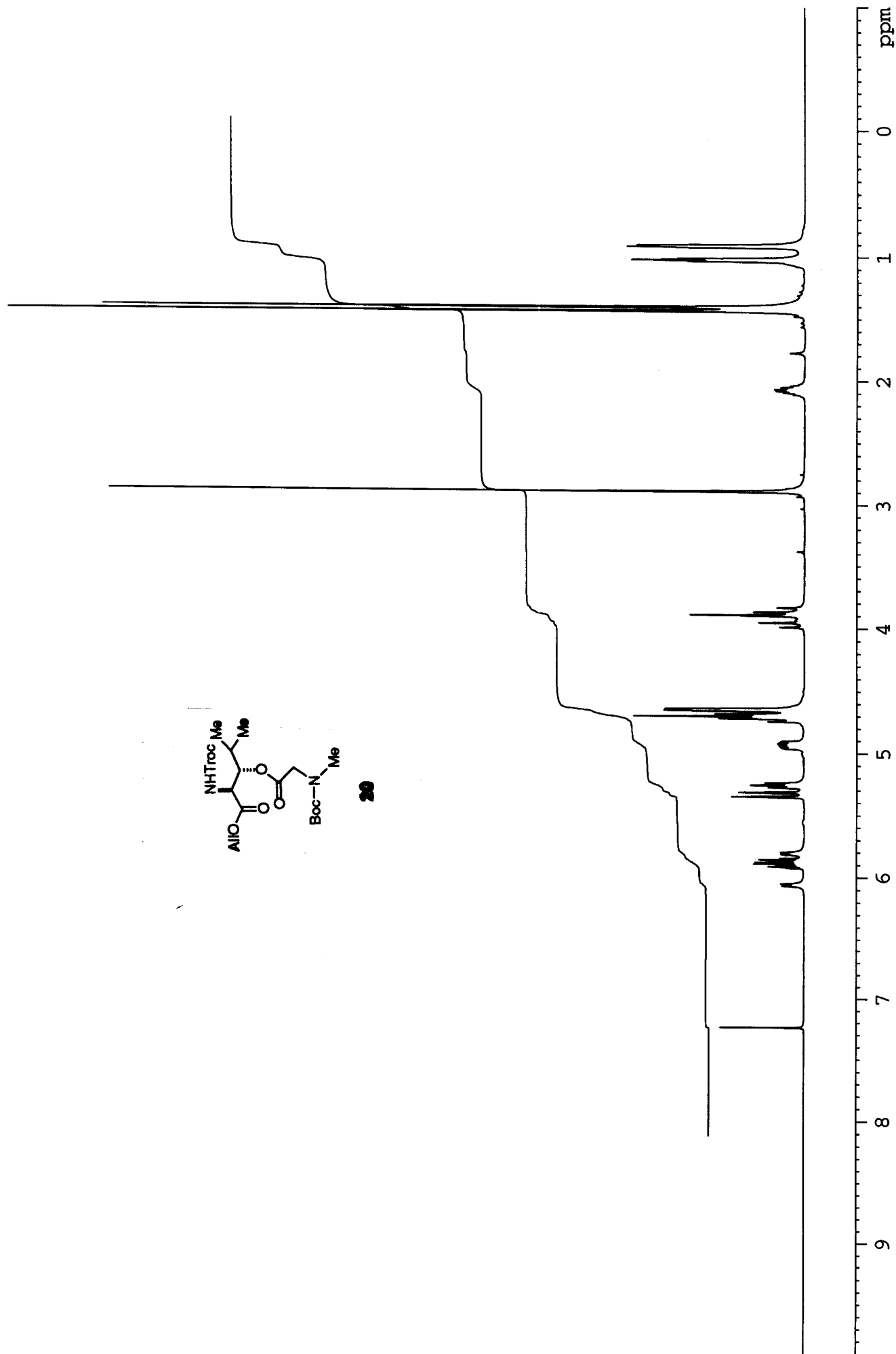


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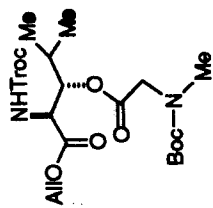


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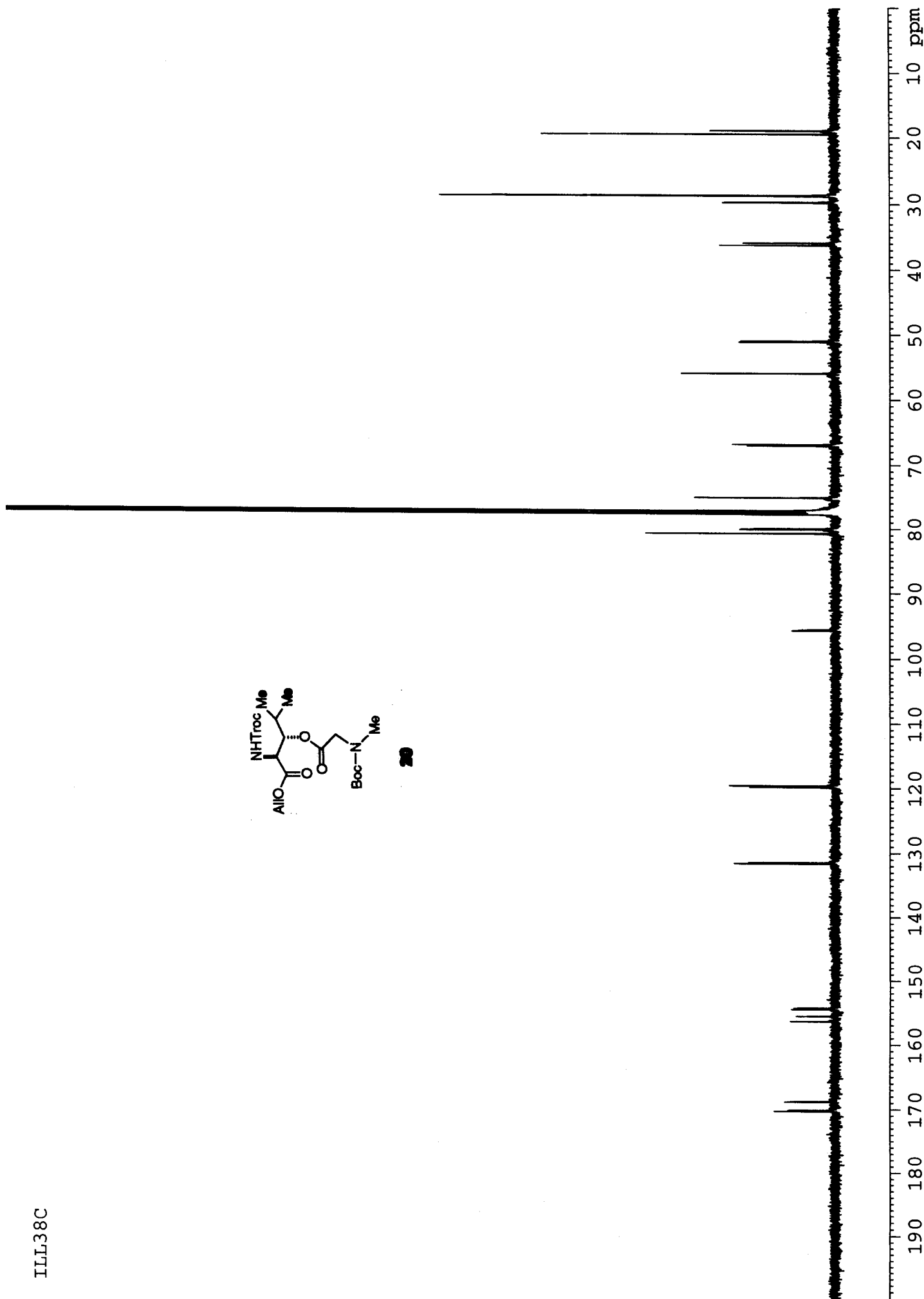




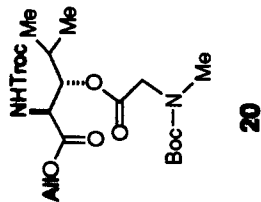
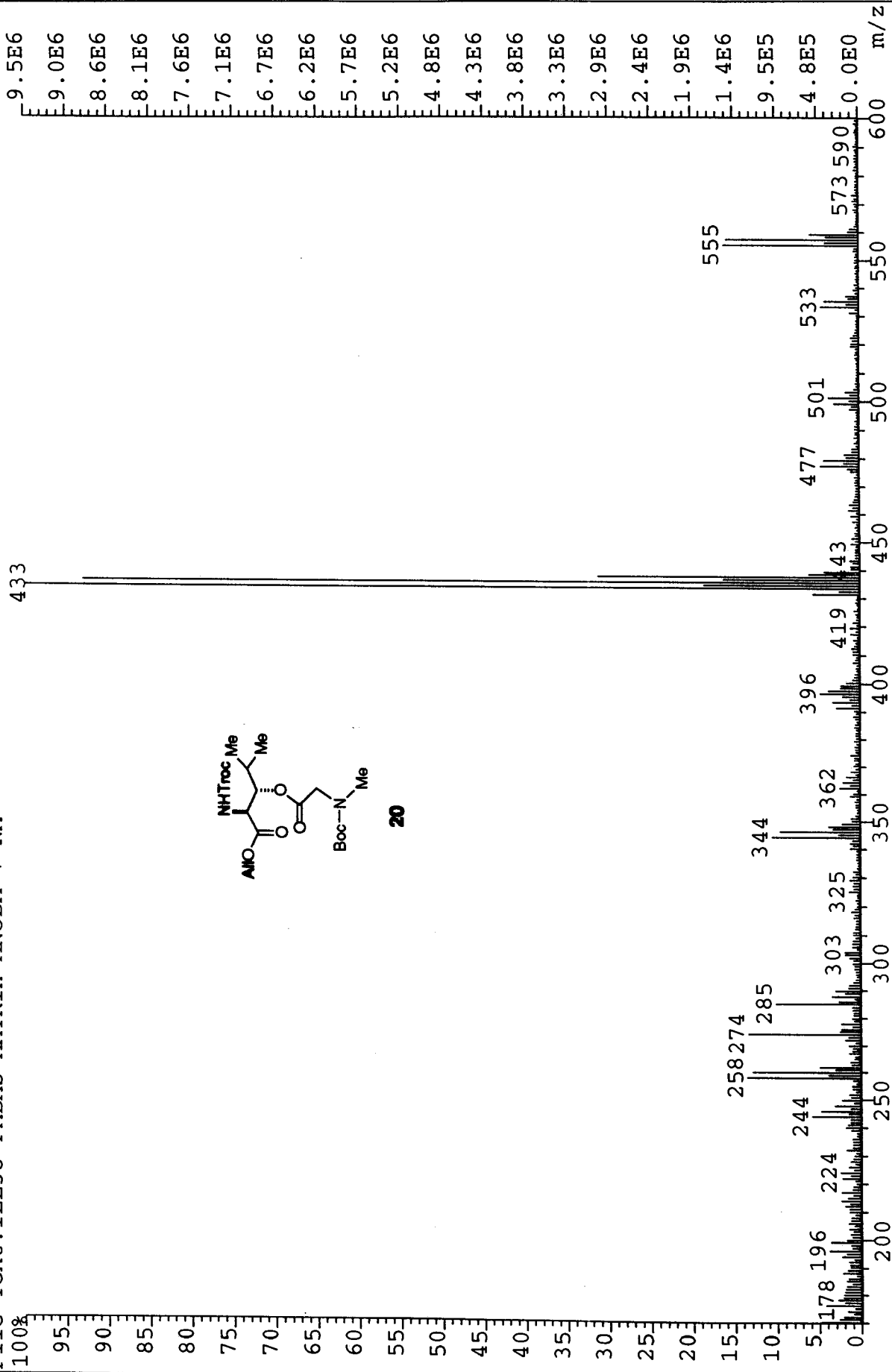
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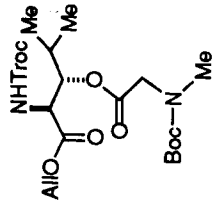
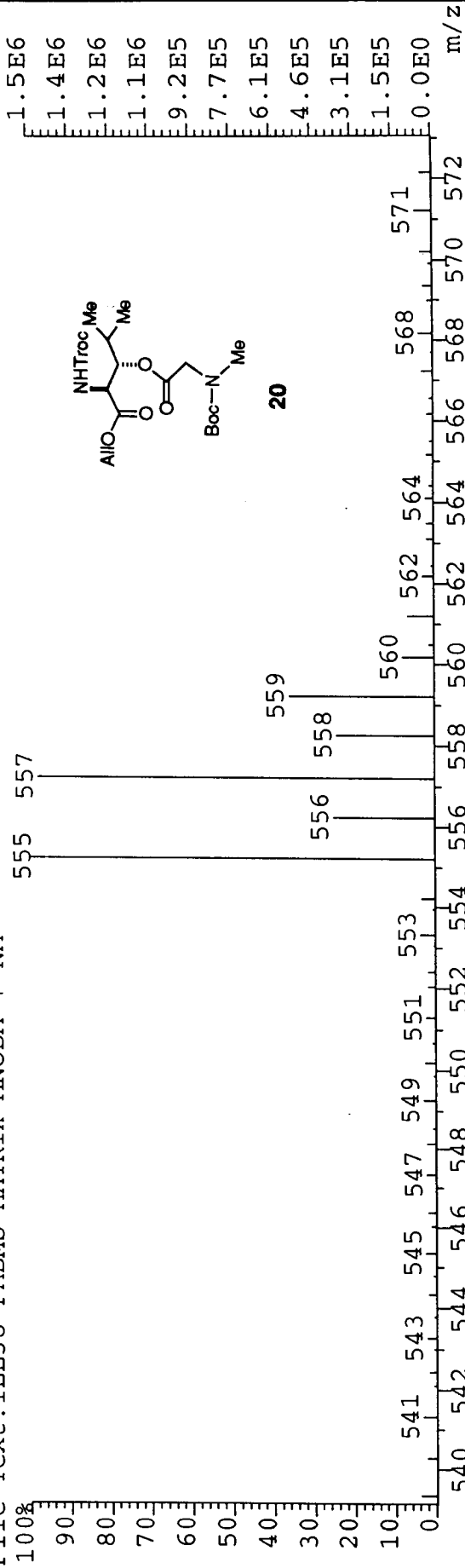
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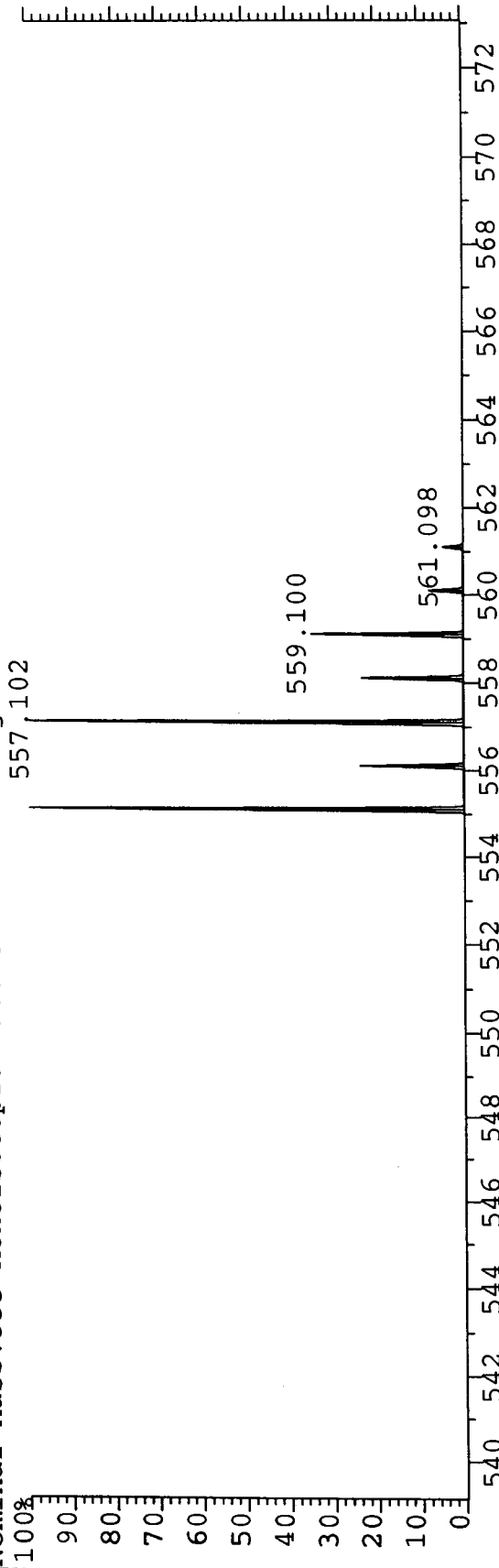


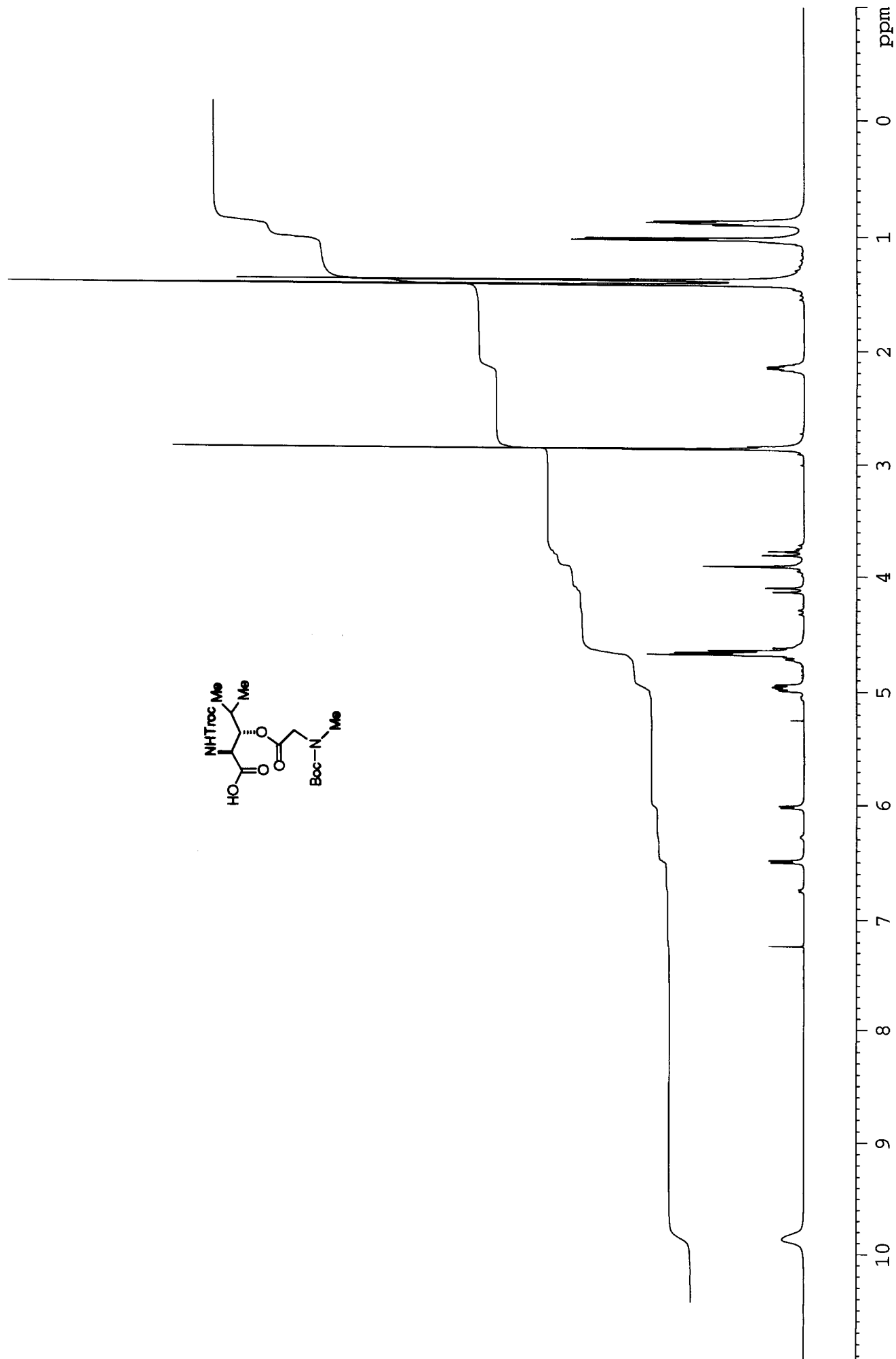
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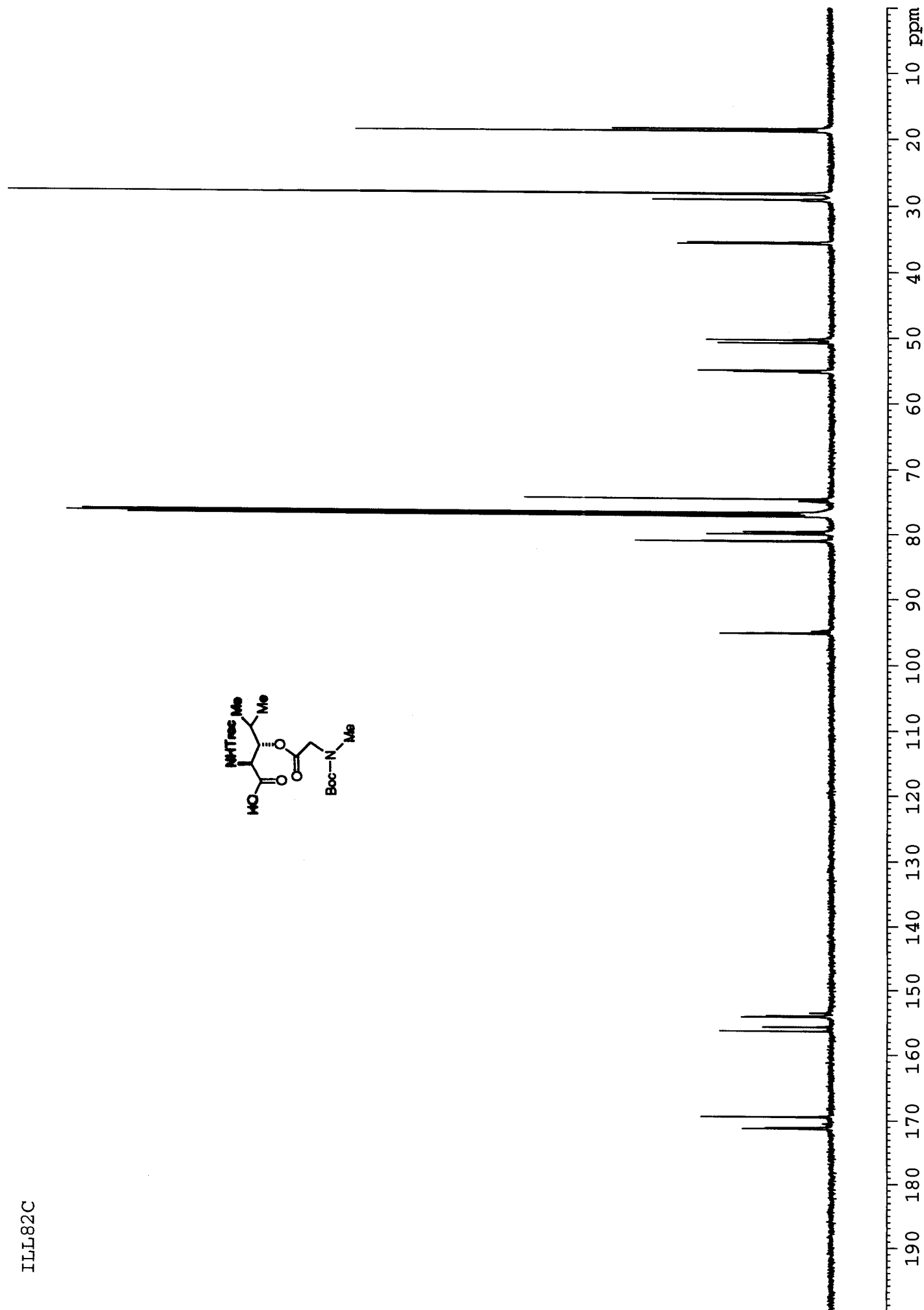
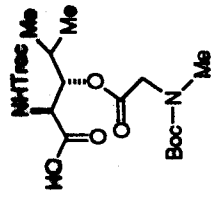
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12,13,14C:20 1,2H:31 14,15N:2 16,17,18O:8 23Na:1 35,37Cl:3
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Nominal Mass:555 Monoisotopic Mass:555.104 Average Mass:556.803 Peak Maximum Mass:557.10

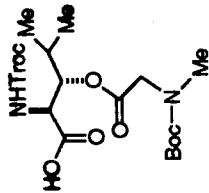
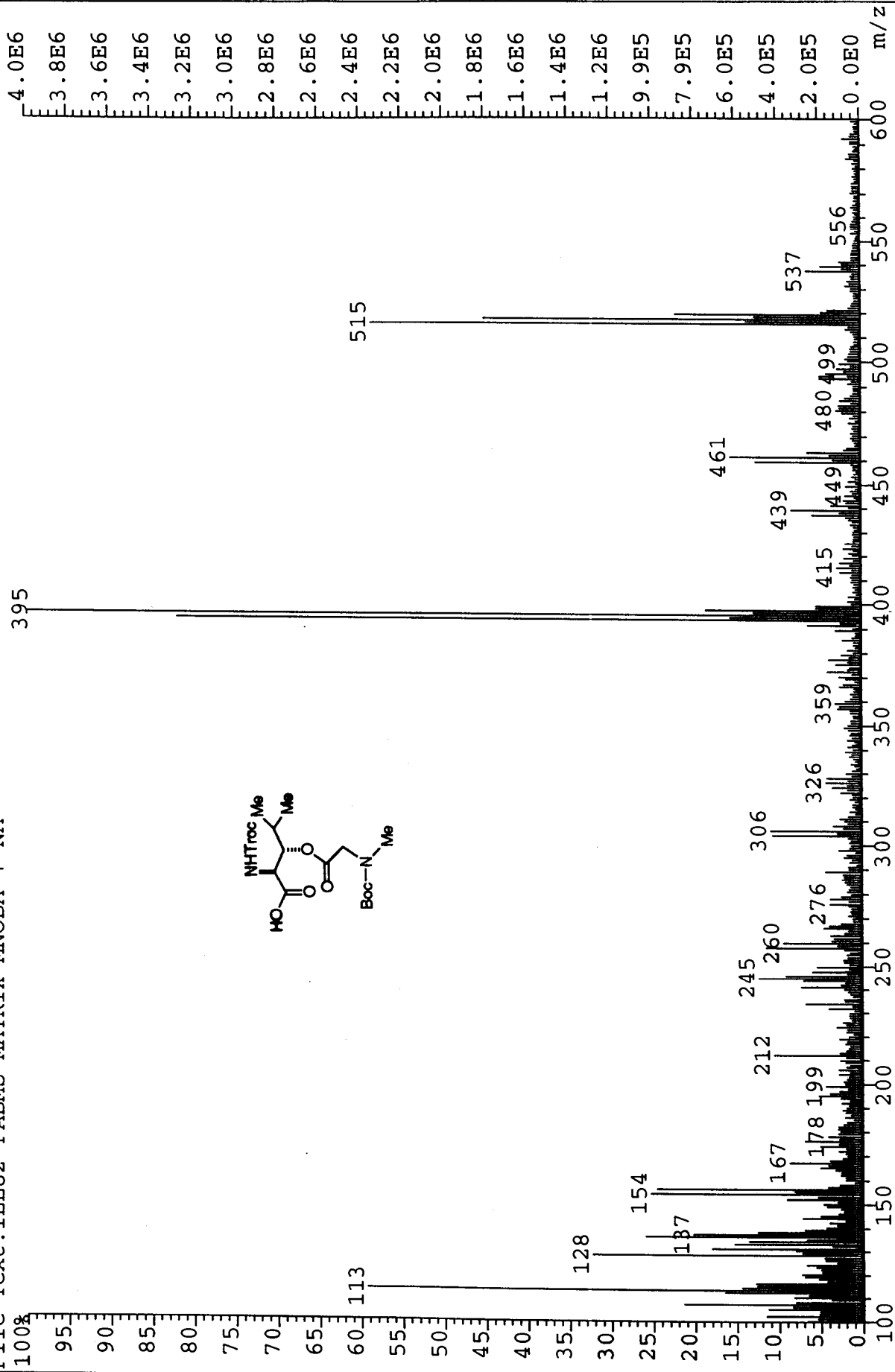


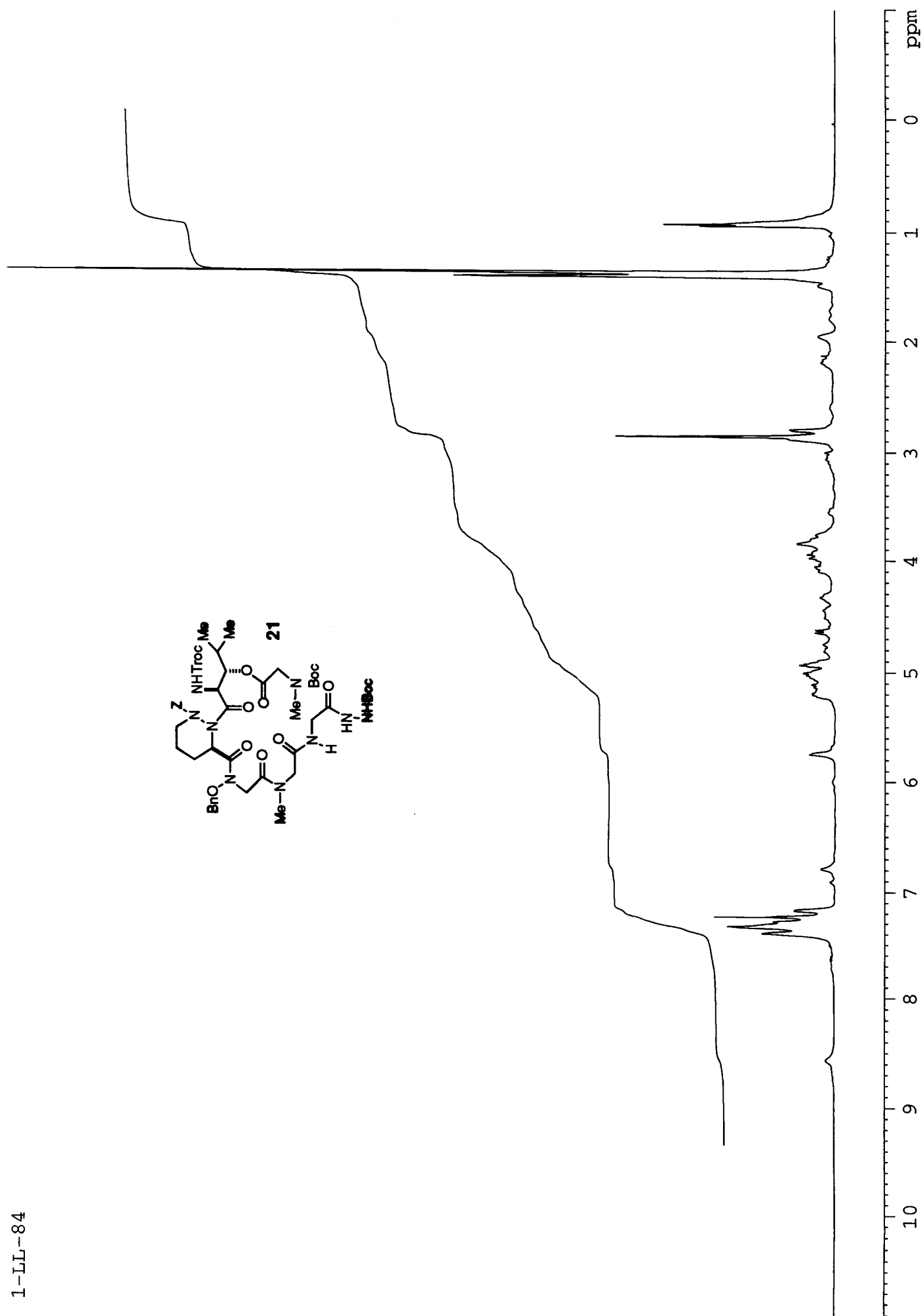


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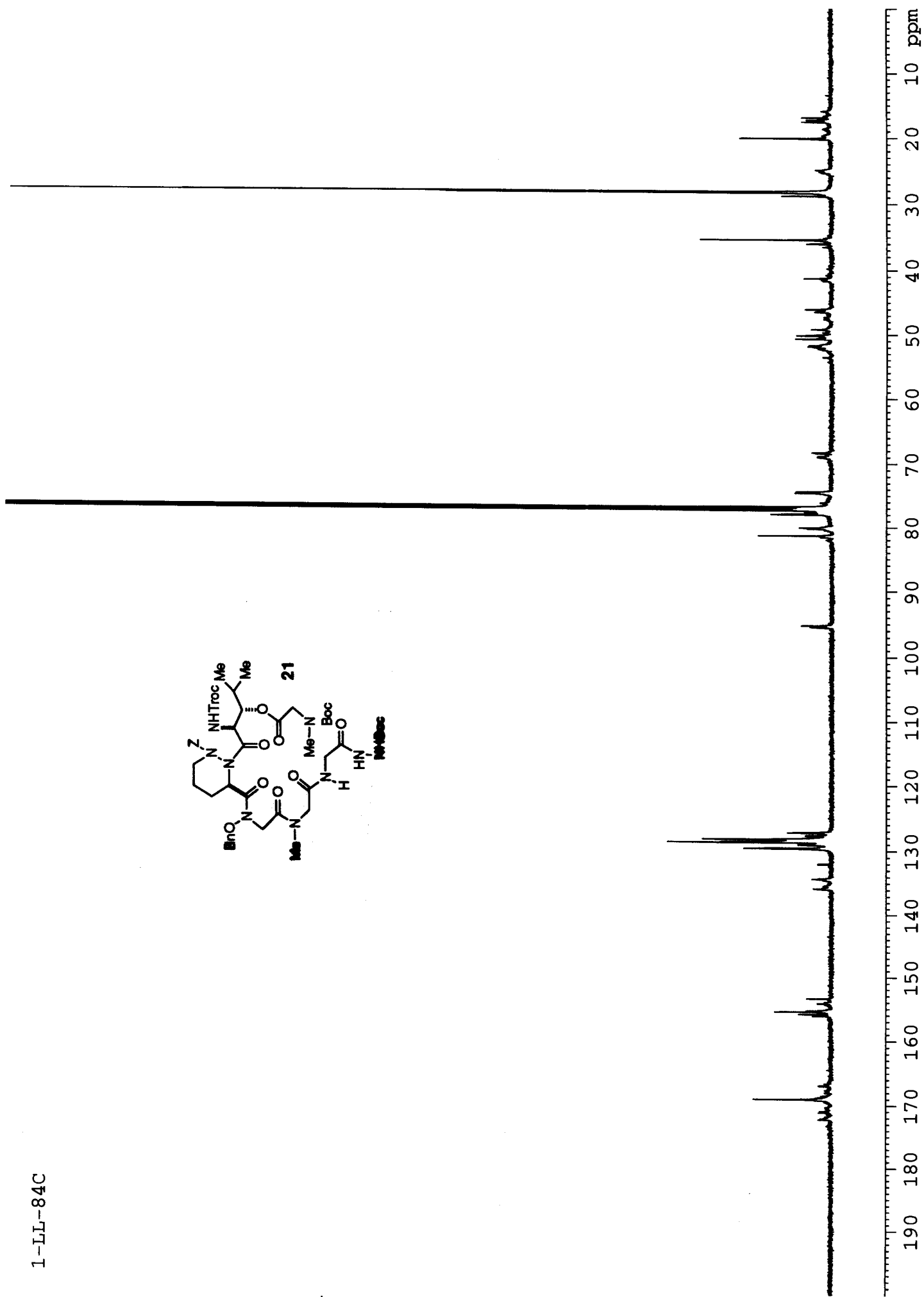
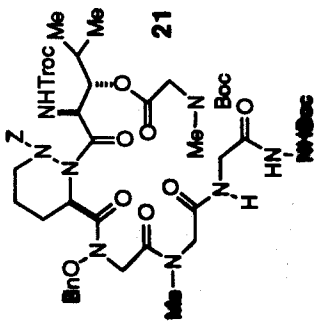


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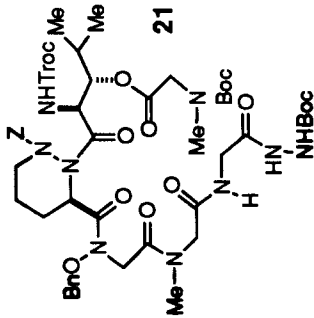


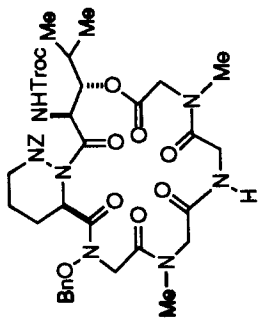


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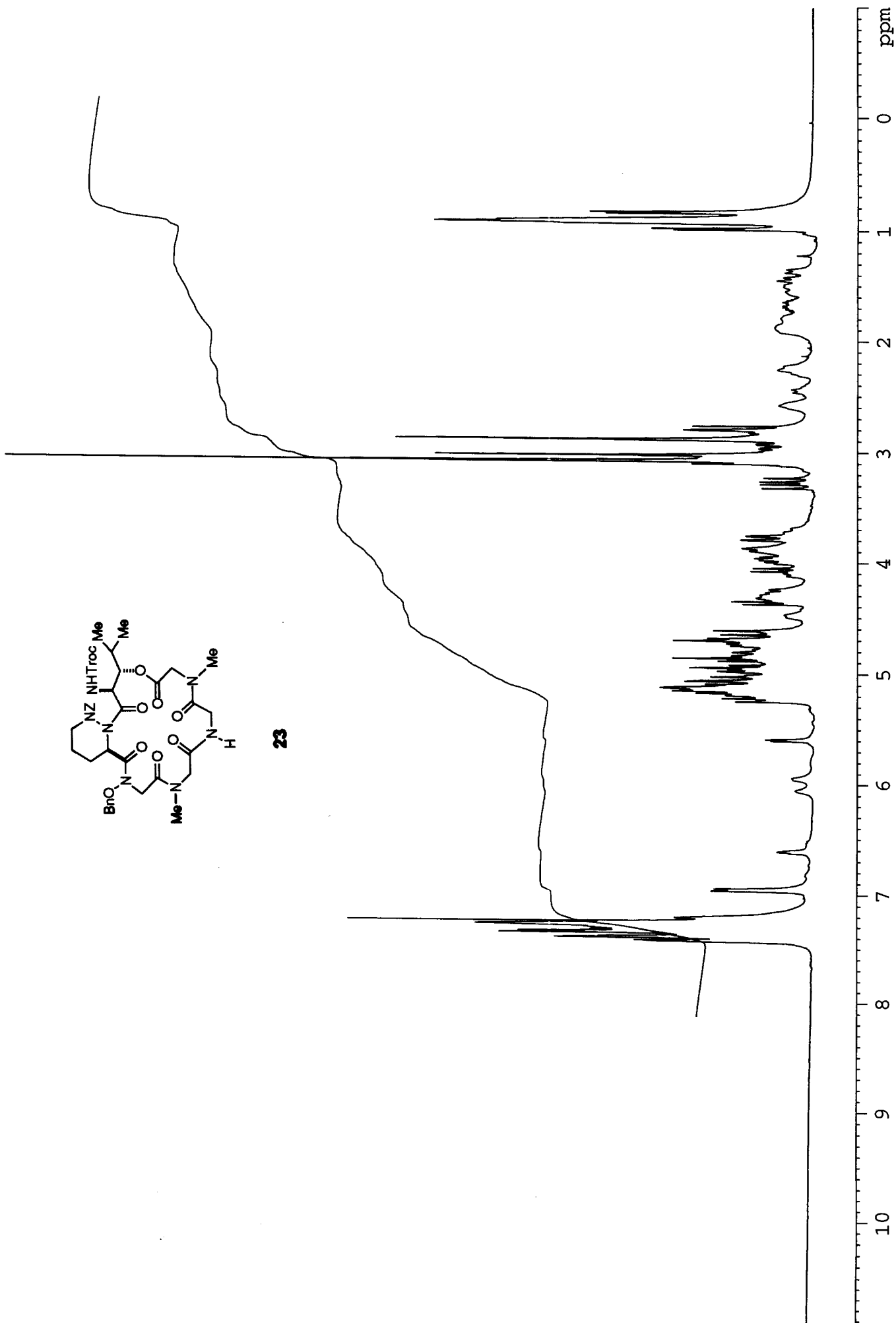


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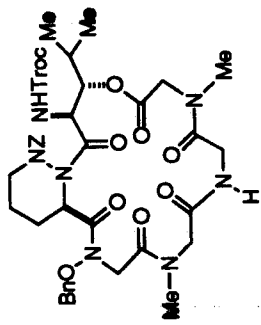




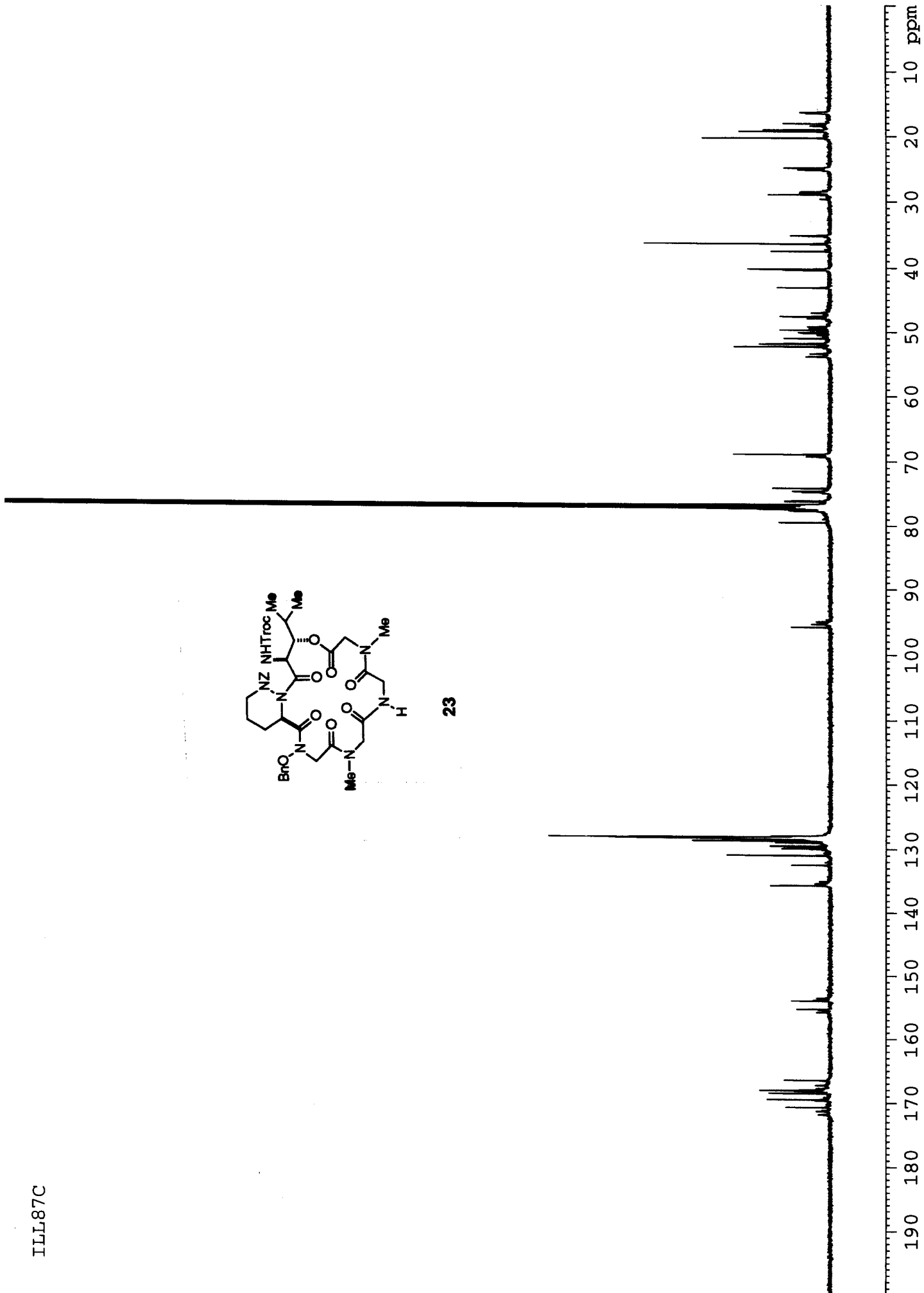
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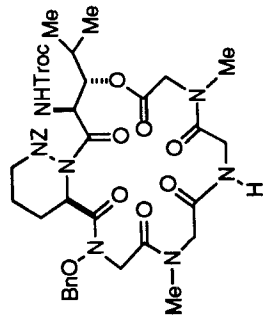
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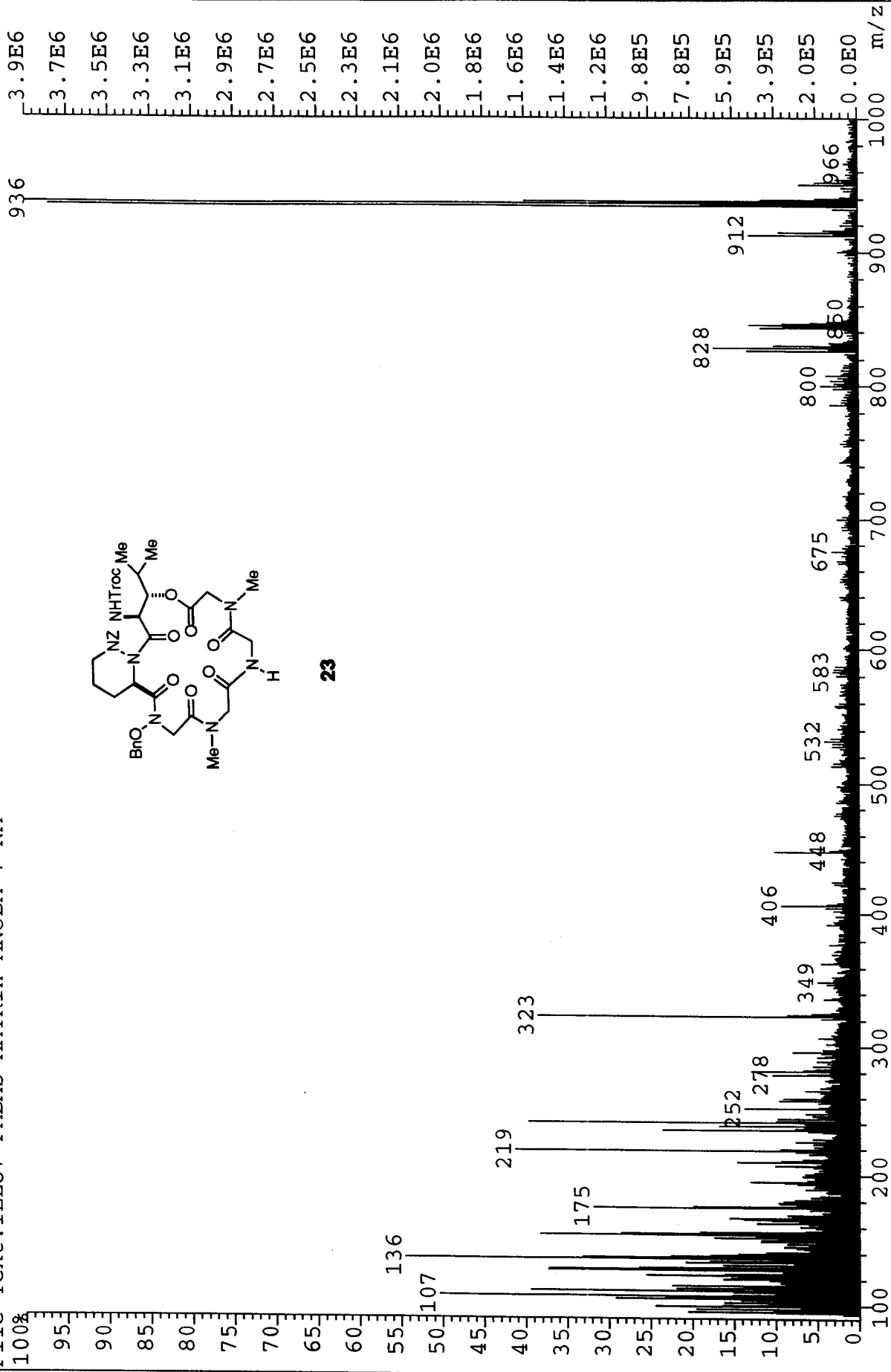
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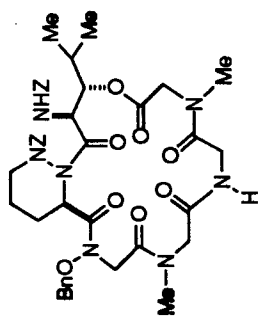


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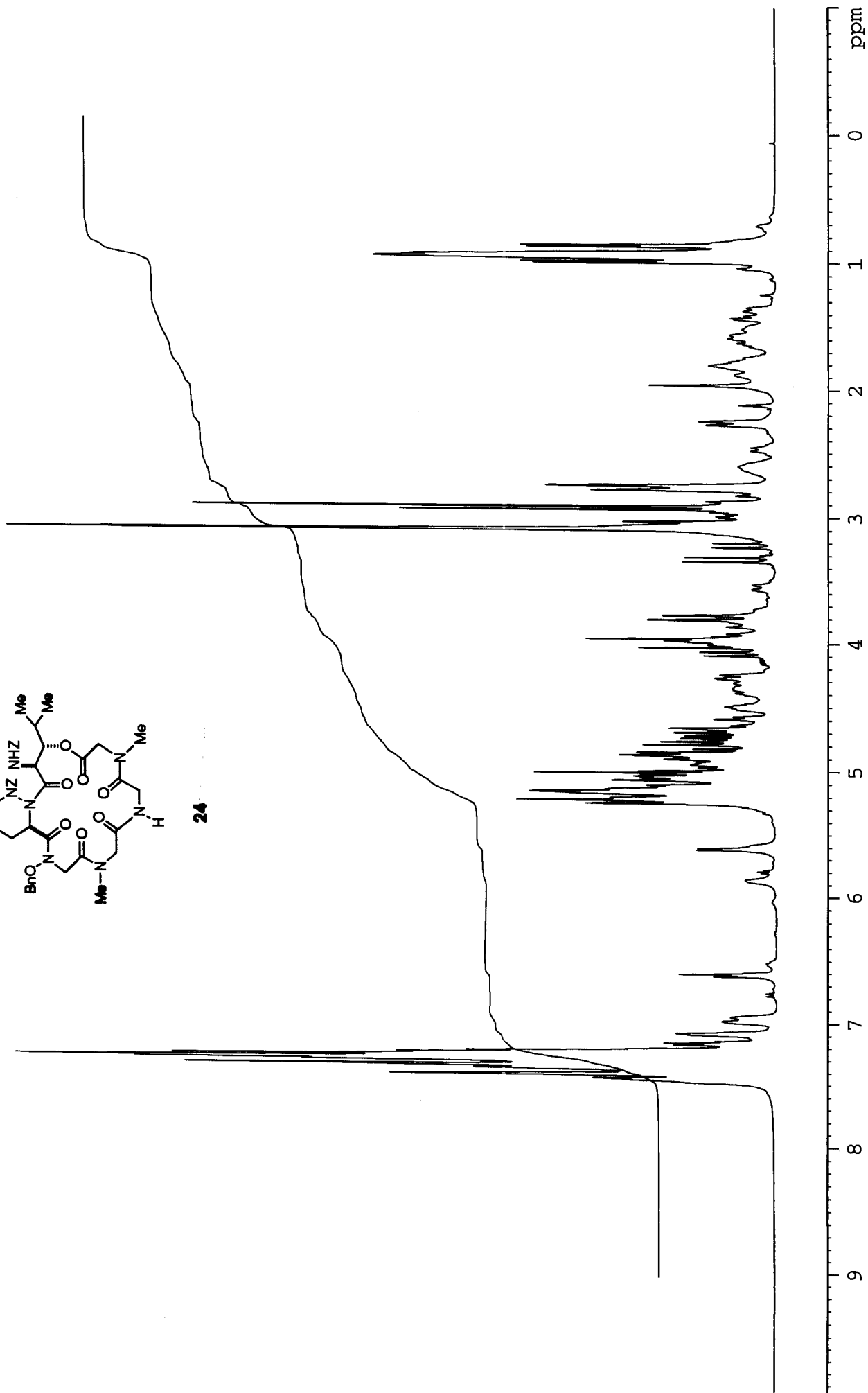


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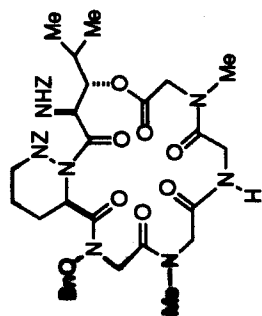




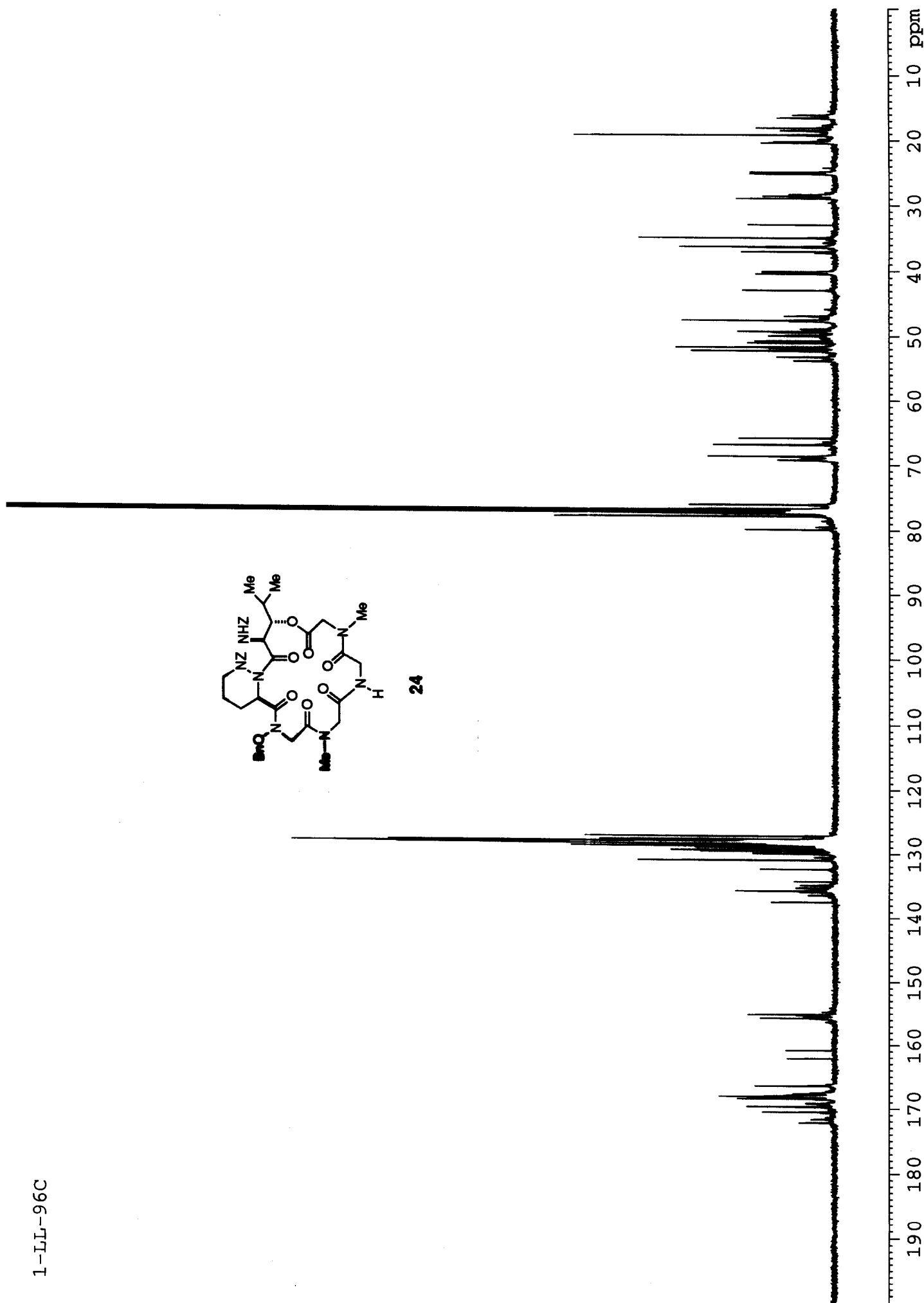
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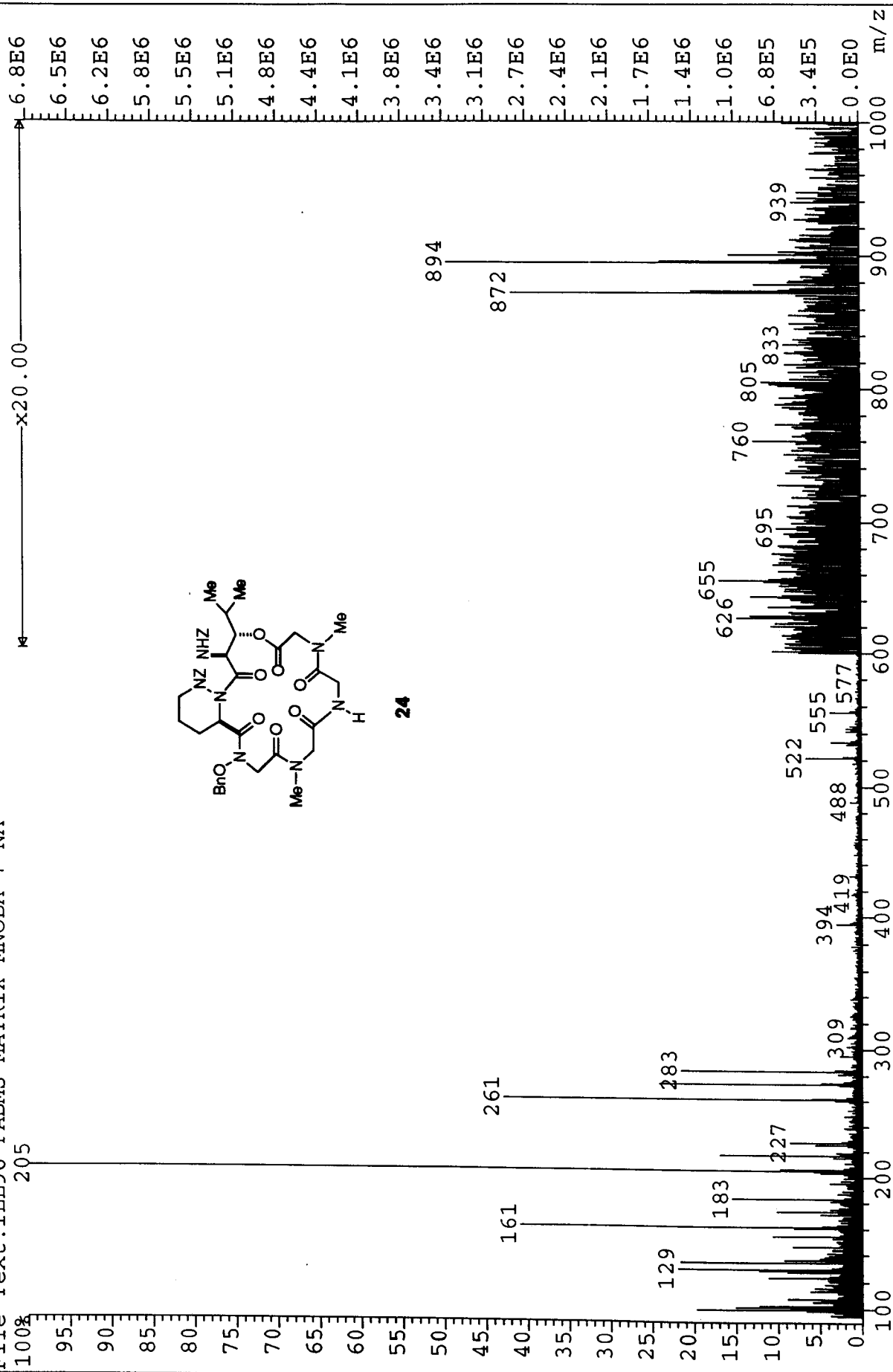
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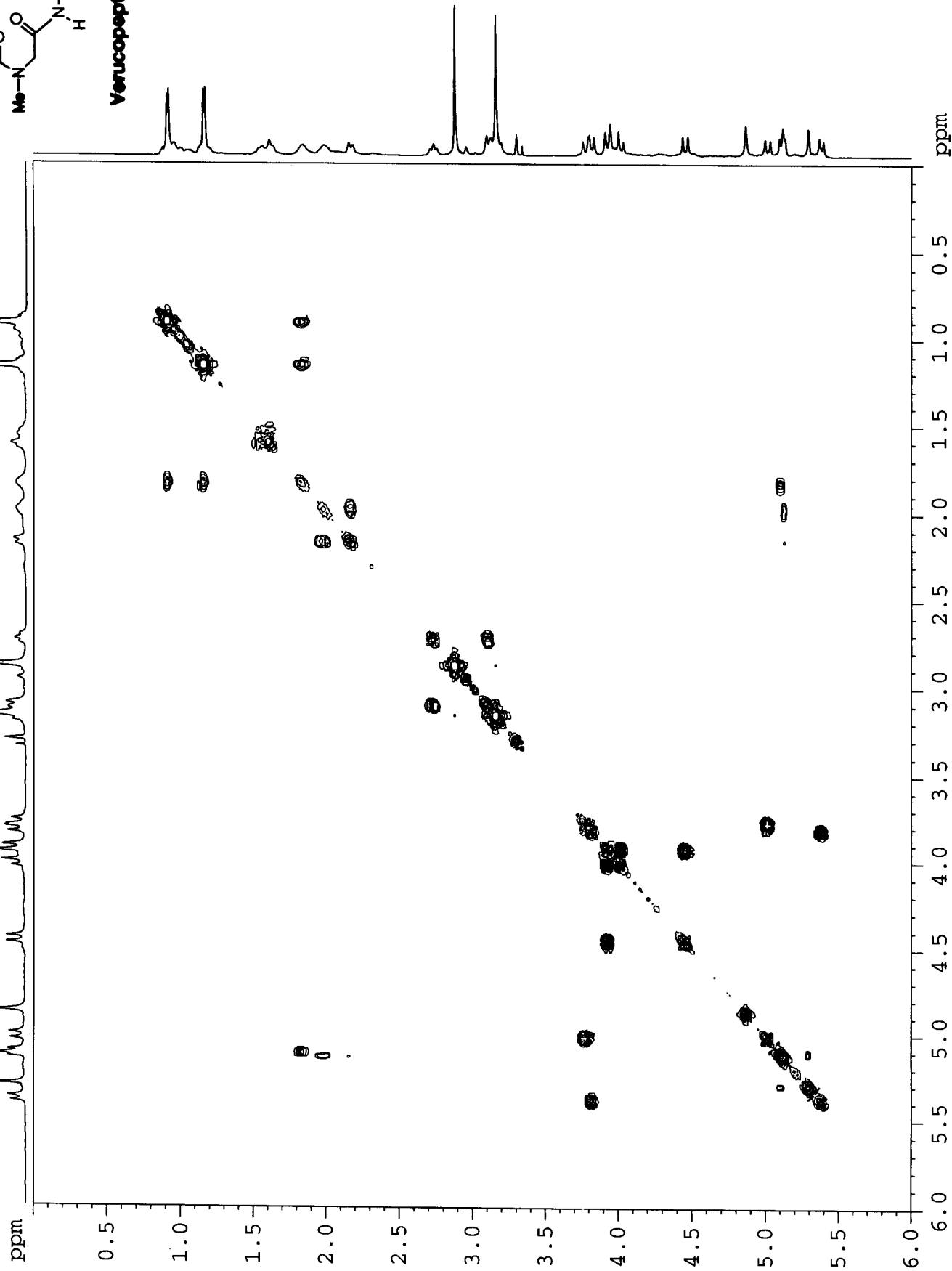
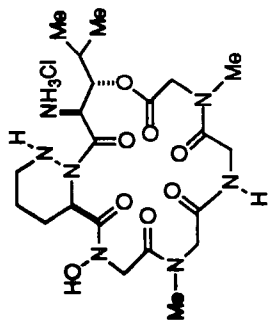


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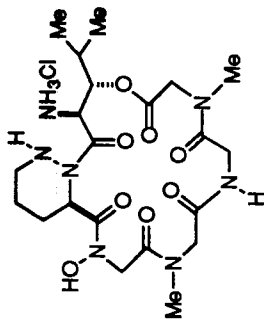
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File Text: ILL96 FABMS MATRIX MNOBA + NA

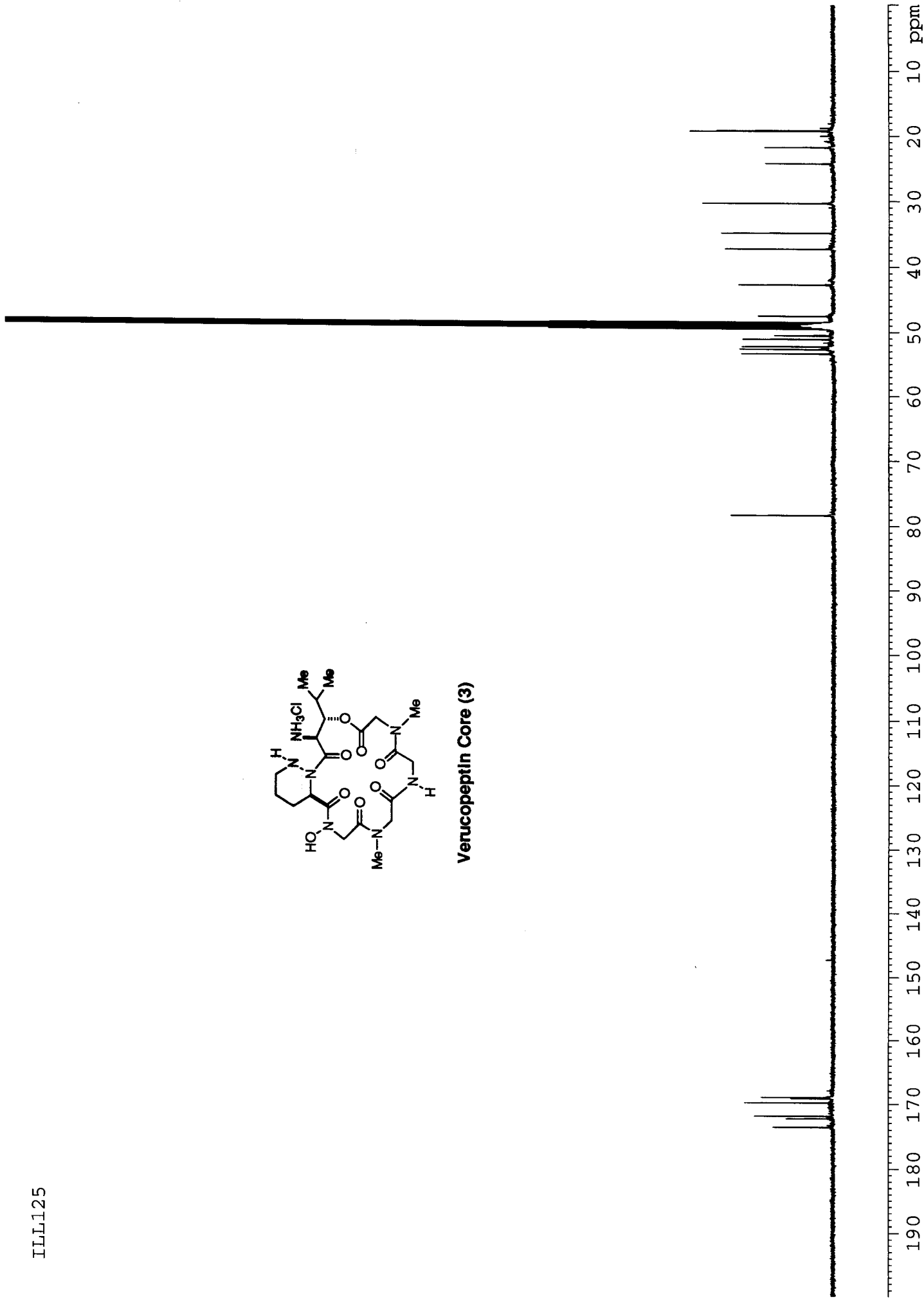


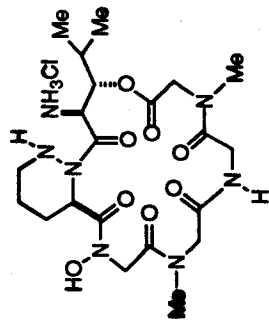
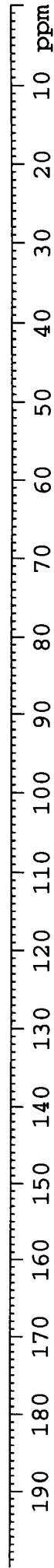
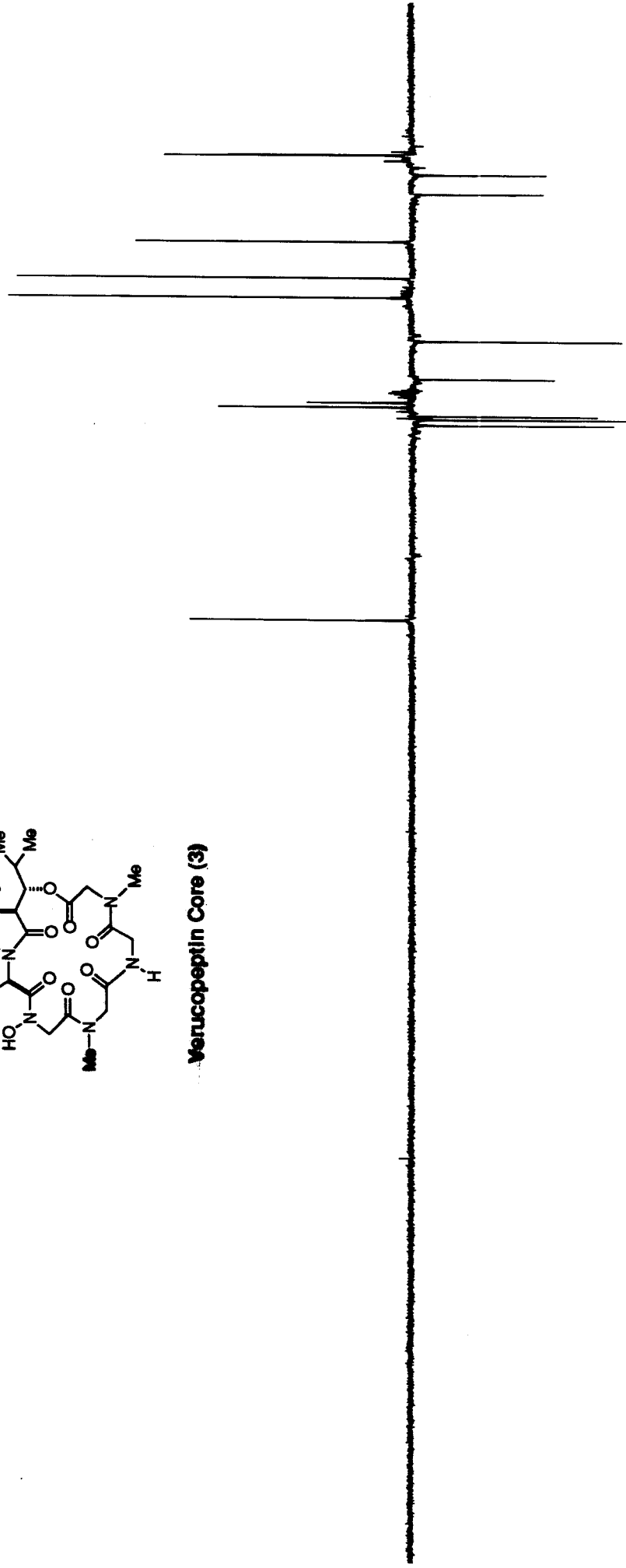


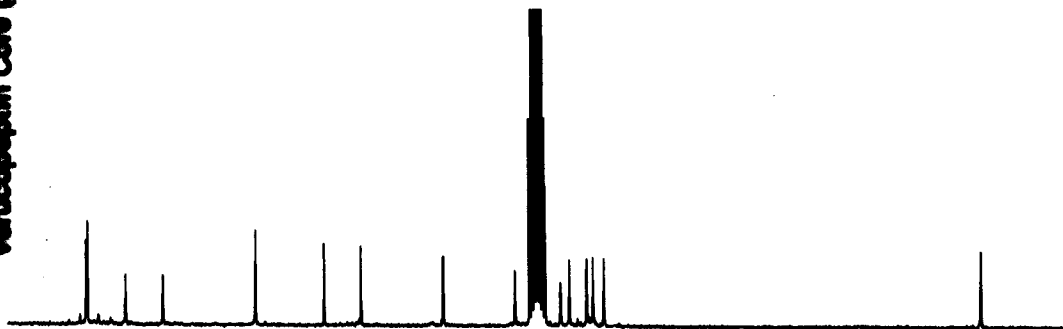
ILL125



Verucopeptin Core (3)



**Verucopentin Core (3)**



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File Text:ILL125 FABMS MATRIX MNOBA + NA

