

Design, synthesis and glycosidase inhibition of DAB derivatives with C-4 peptide and dipeptide branches

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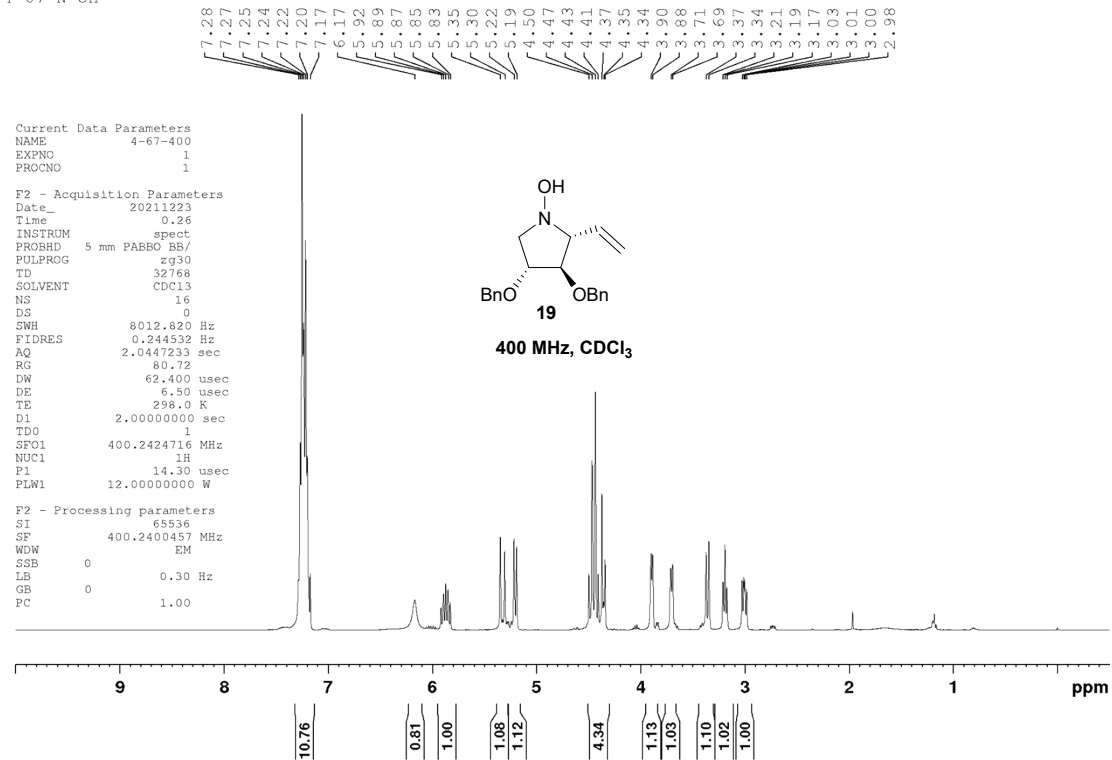
Supplementary information

Content

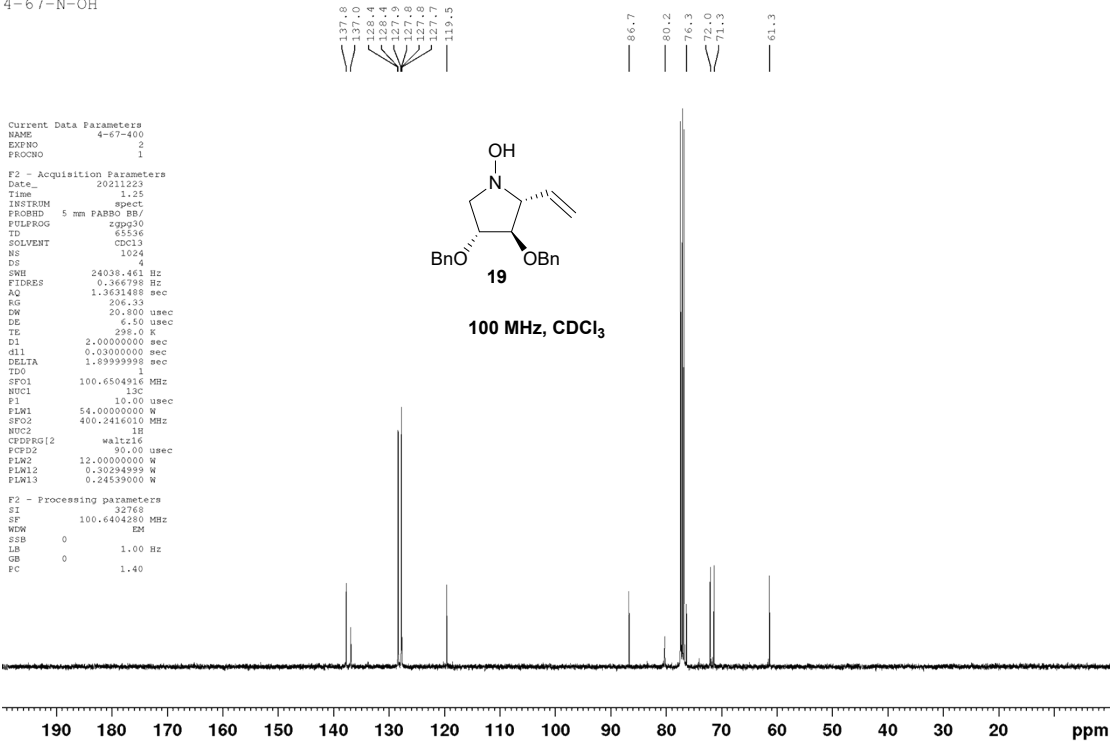
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Compound 19

4-67-N-OH

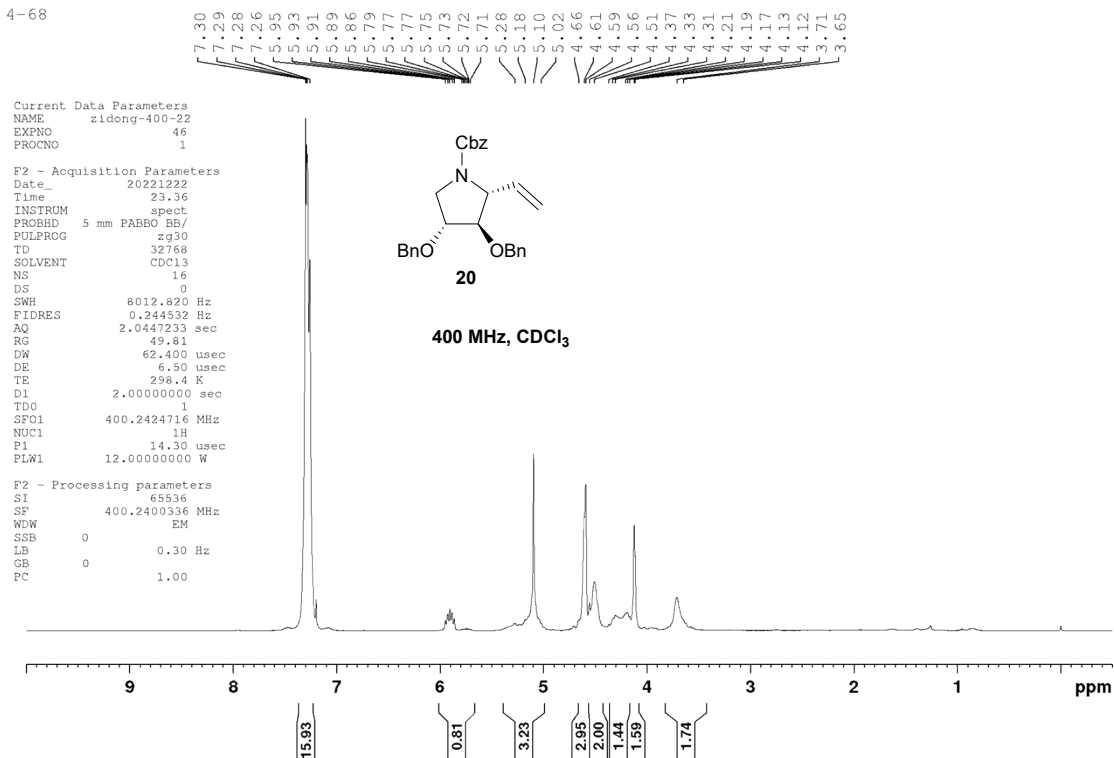


4-67-N-OH

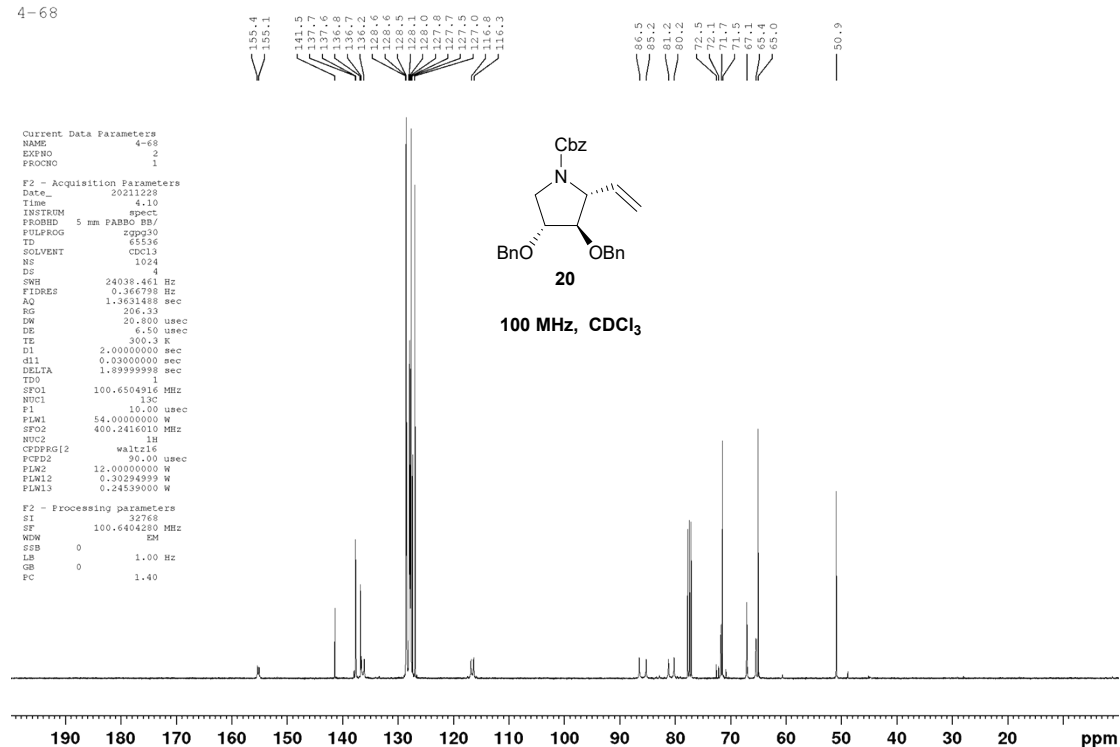


Compound 20

4-68



4-68



Compound 21

4-79

11.99
11.85
11.75

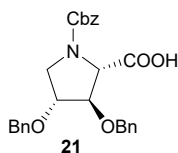
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7.12
7.08
7.06

5.16
5.13
4.97
4.94
4.53
4.50
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4.33
4.30
4.22
4.19
3.73
3.54

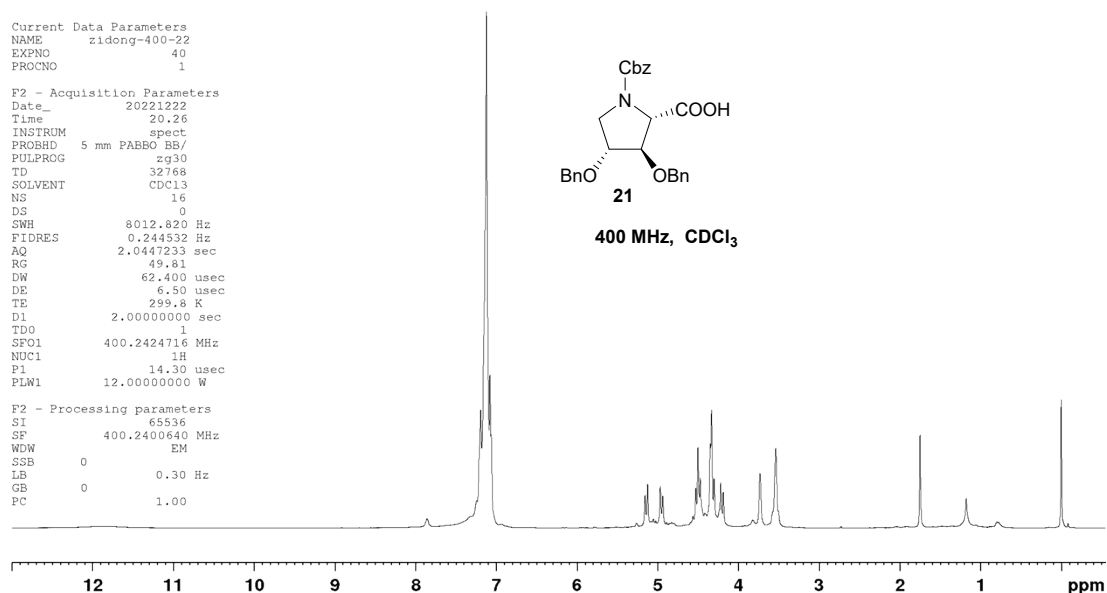
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FIDRES 0.244532 Hz
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RG 49.81
DW 62.400 usec
DE 6.50 usec
TE 299.8 K
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TD0 1
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NUC1 1H
P1 14.30 usec
PLW1 12.00000000 W

F2 - Processing parameters
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400 MHz, CDCl₃



4-79

174.6

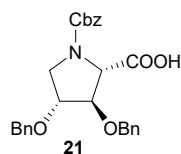
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127.3
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127.0
126.9
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126.6

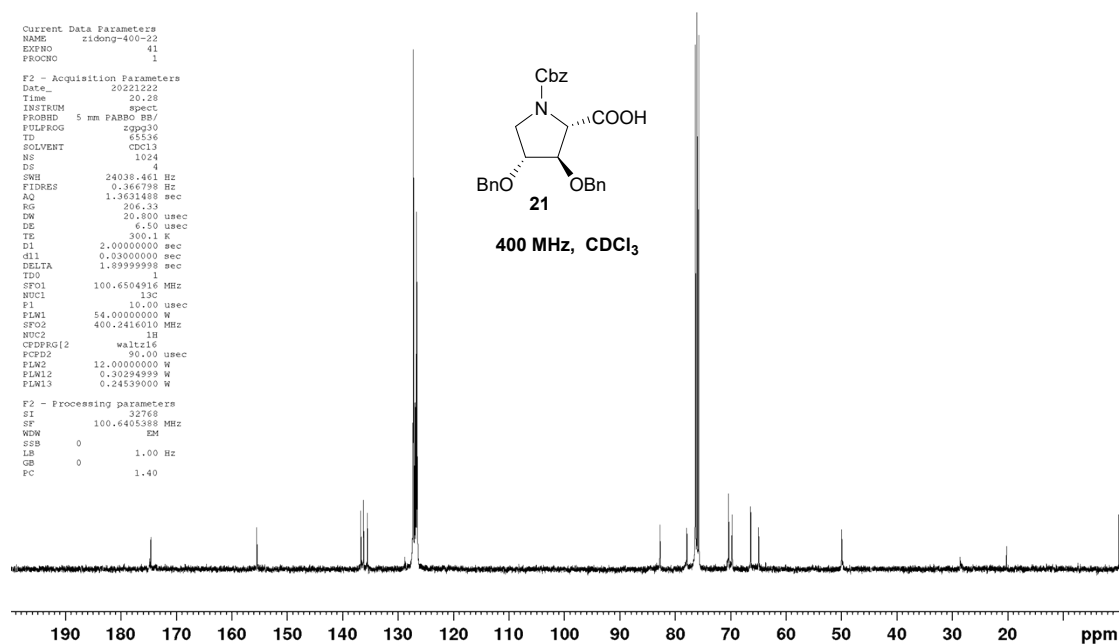
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66.3
64.9

49.9

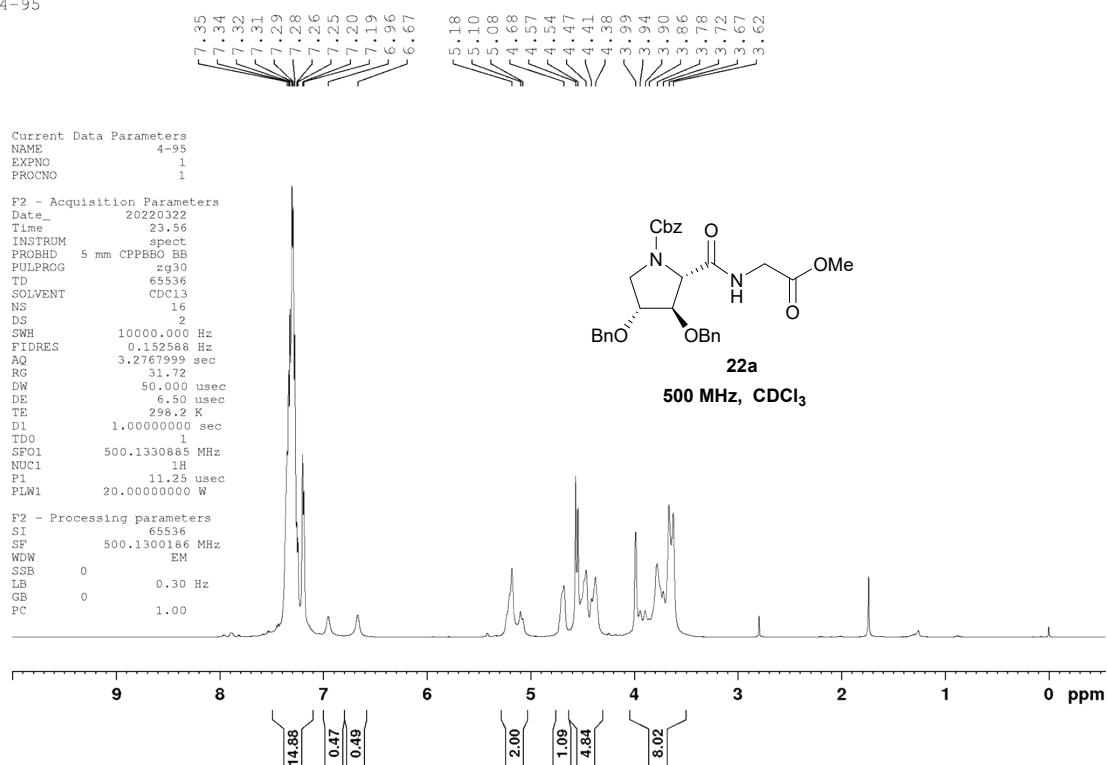


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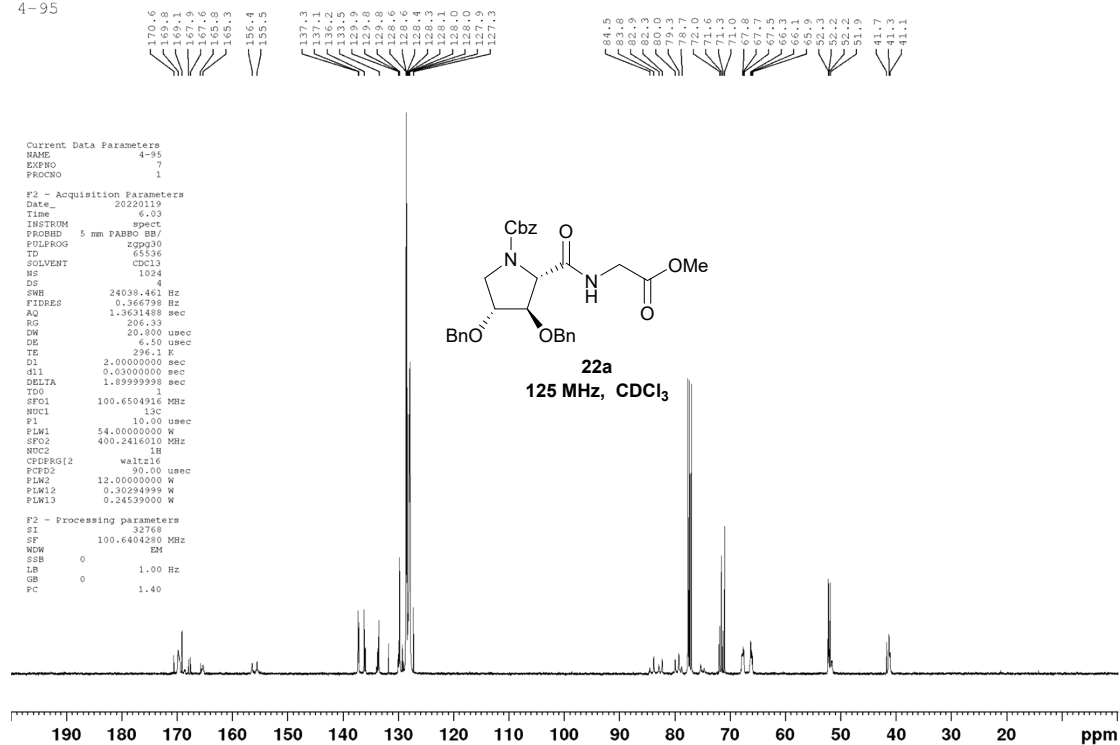


Compound 22a

4-95

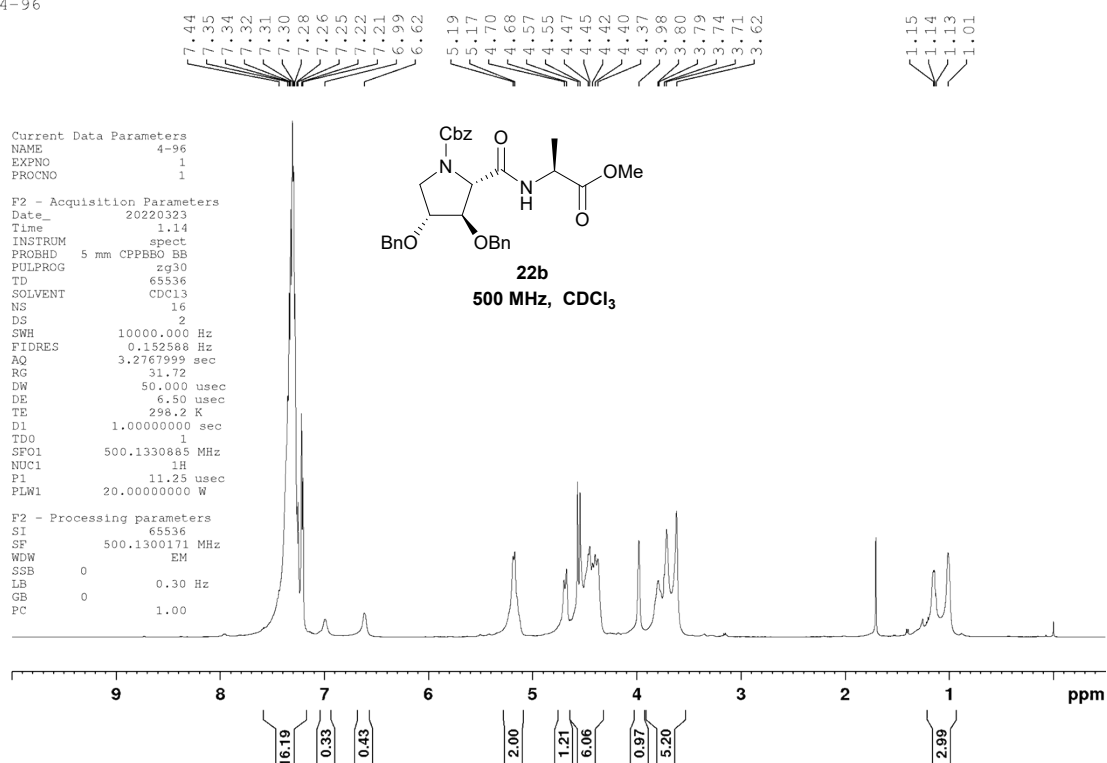


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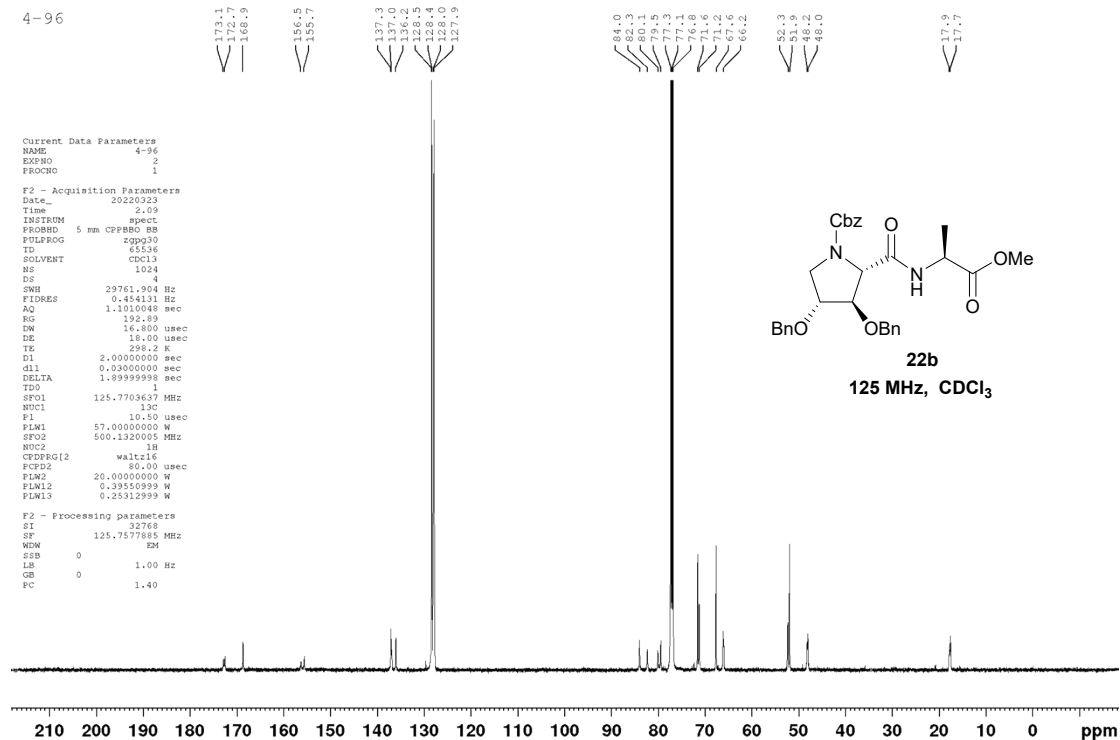


Compound 22b

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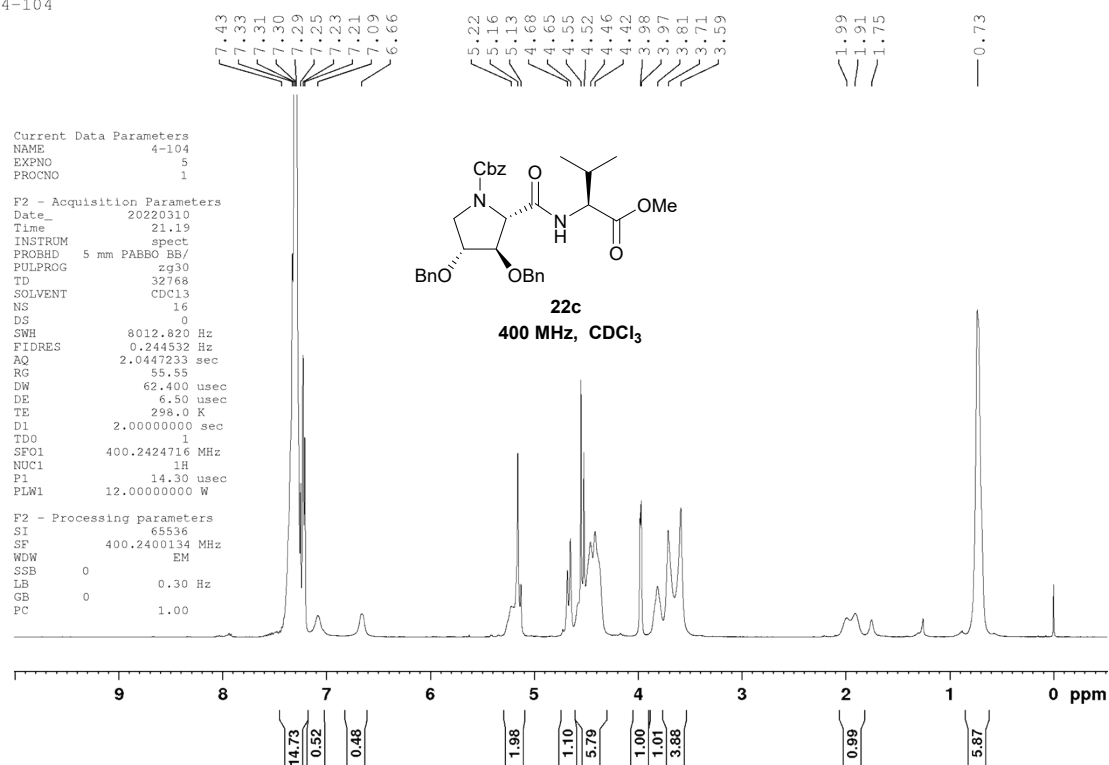


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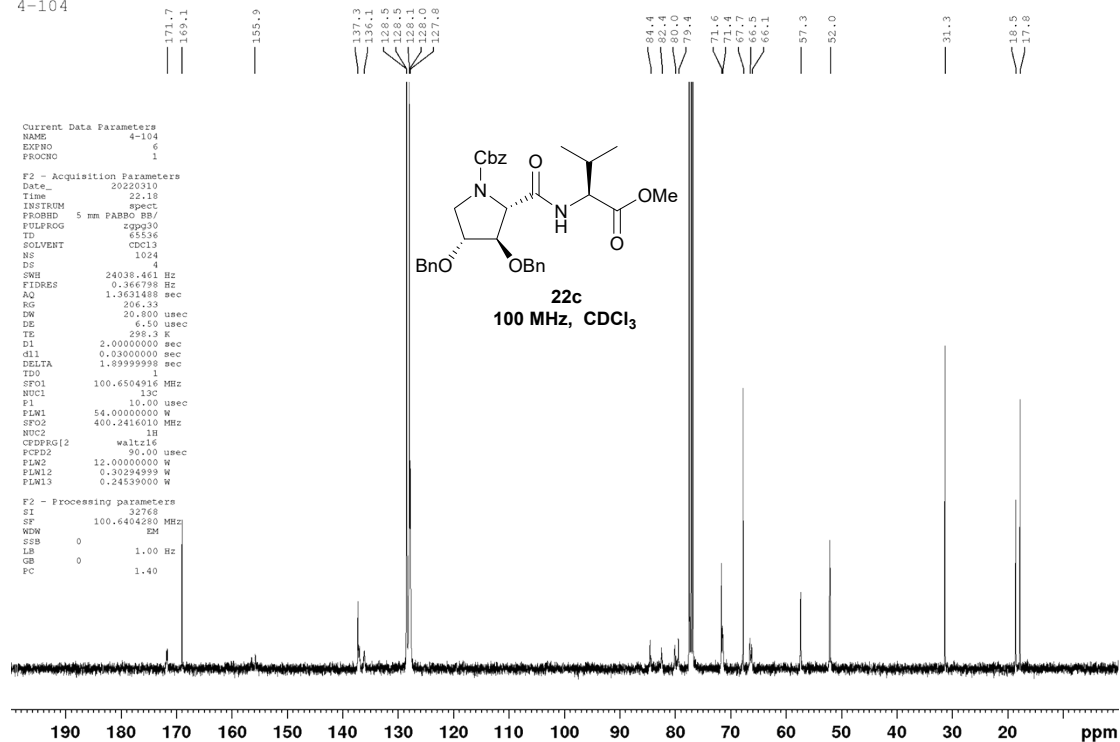


Compound 22c

4-104

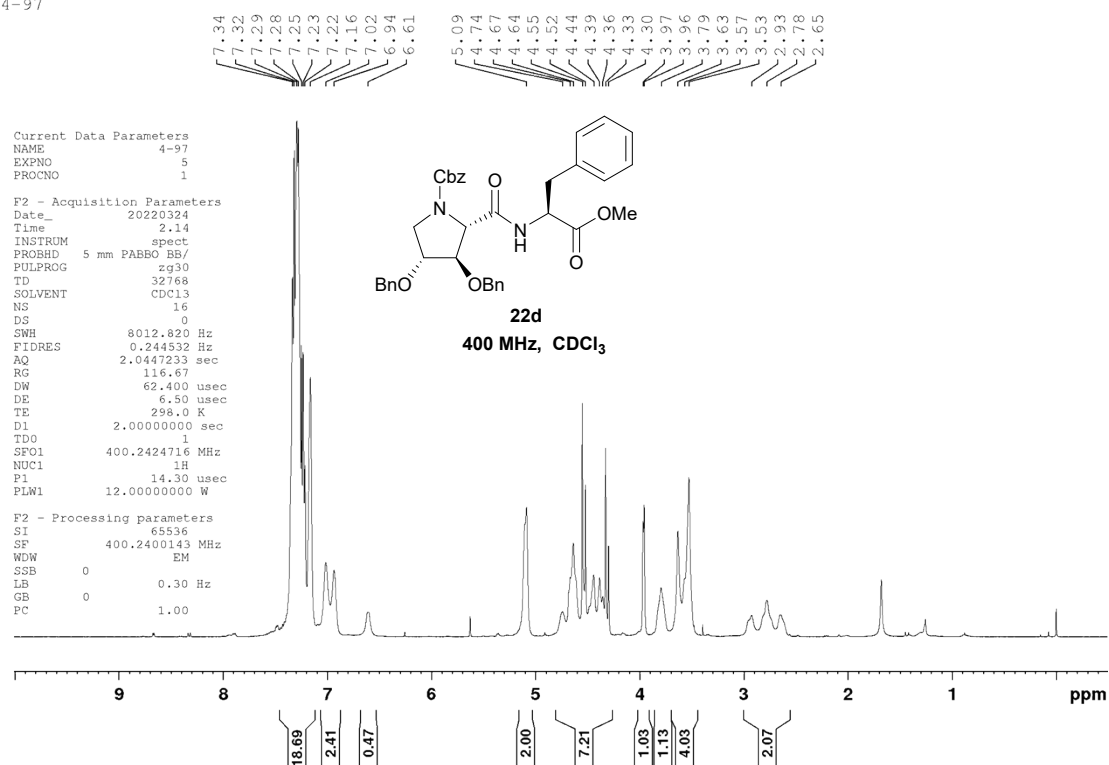


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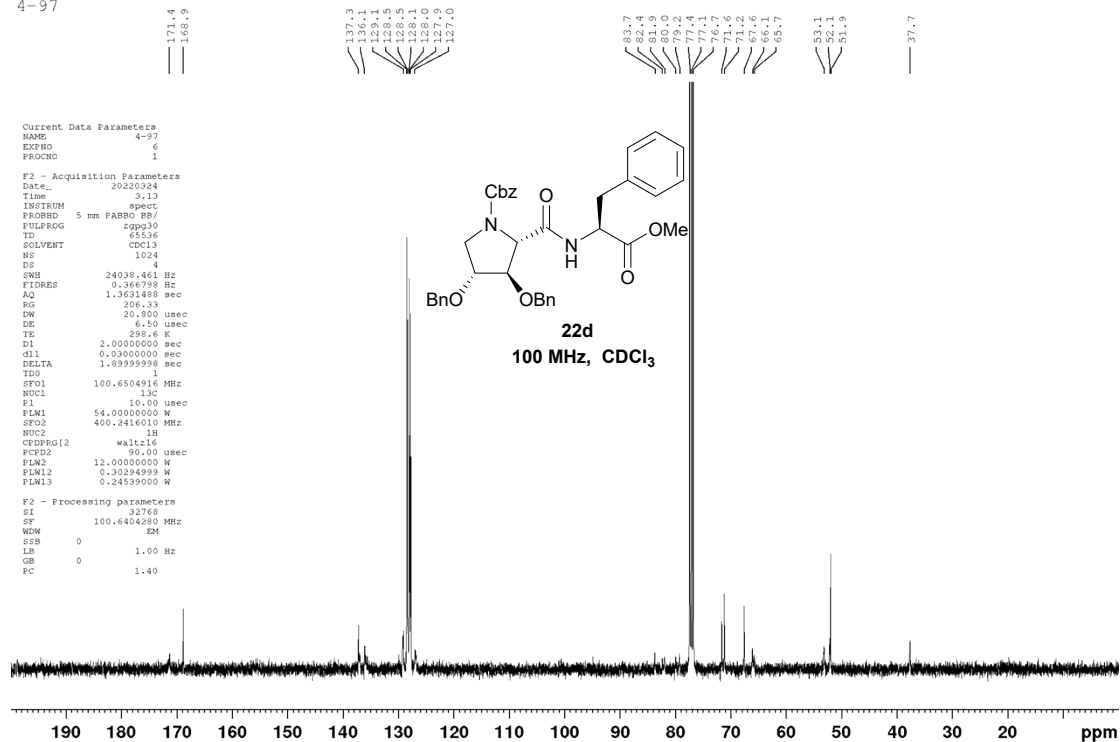


Compound 22d

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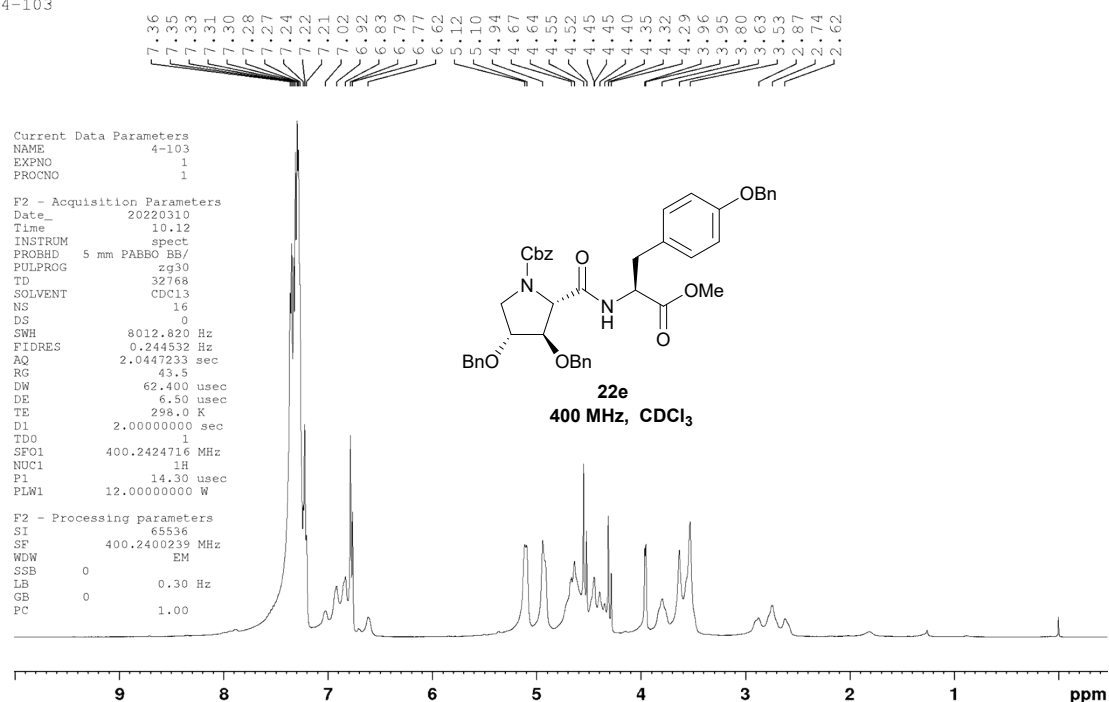


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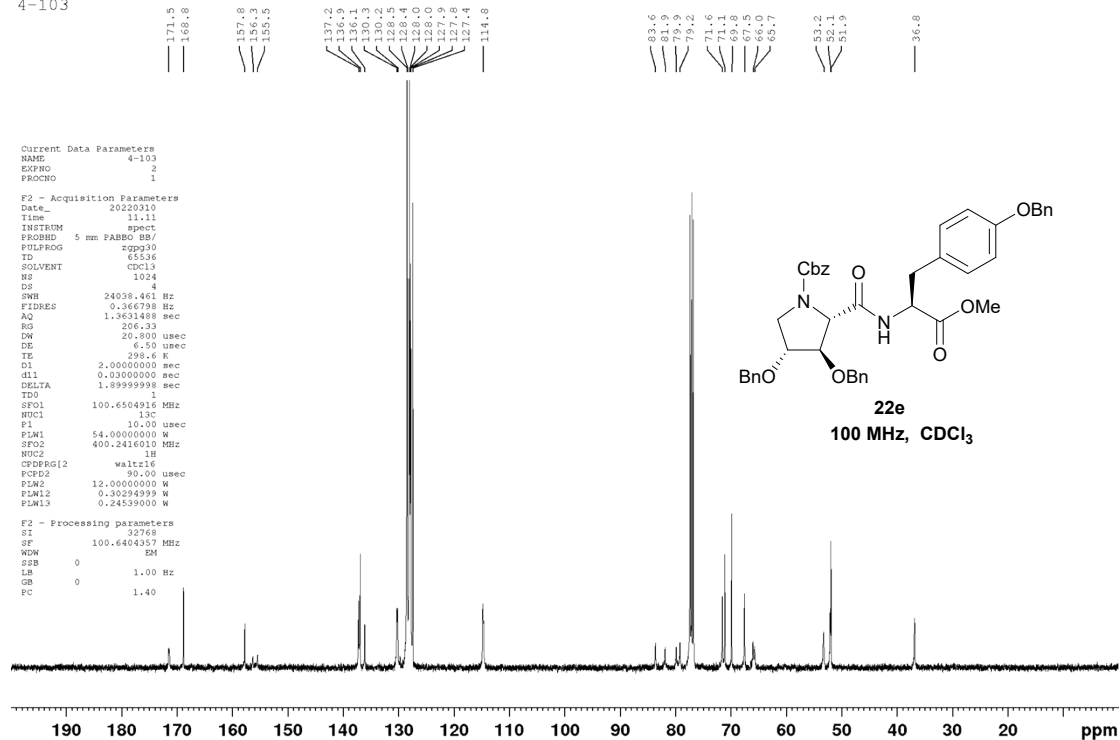


Compound 22e

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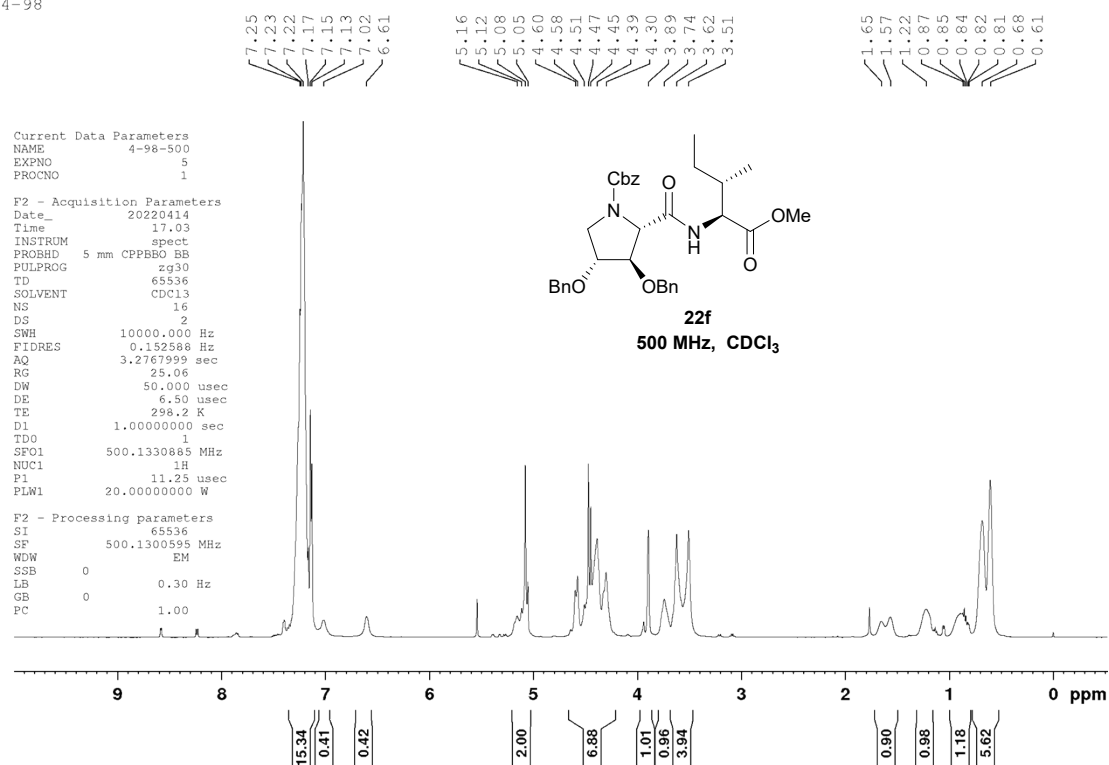


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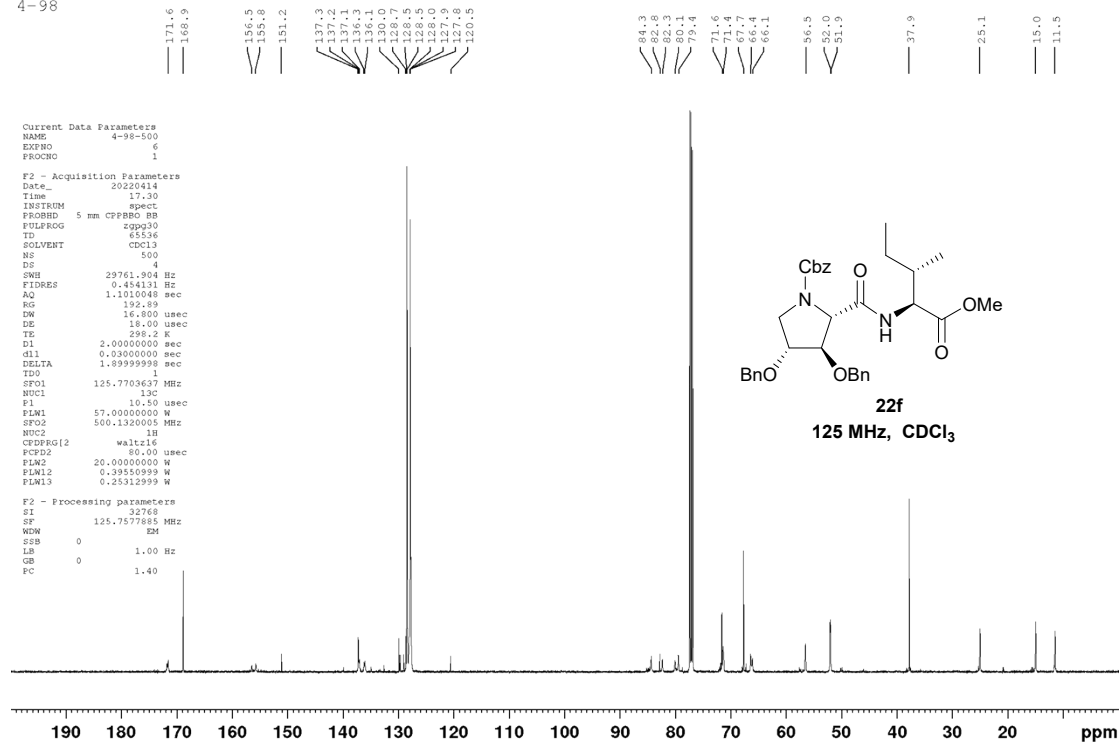


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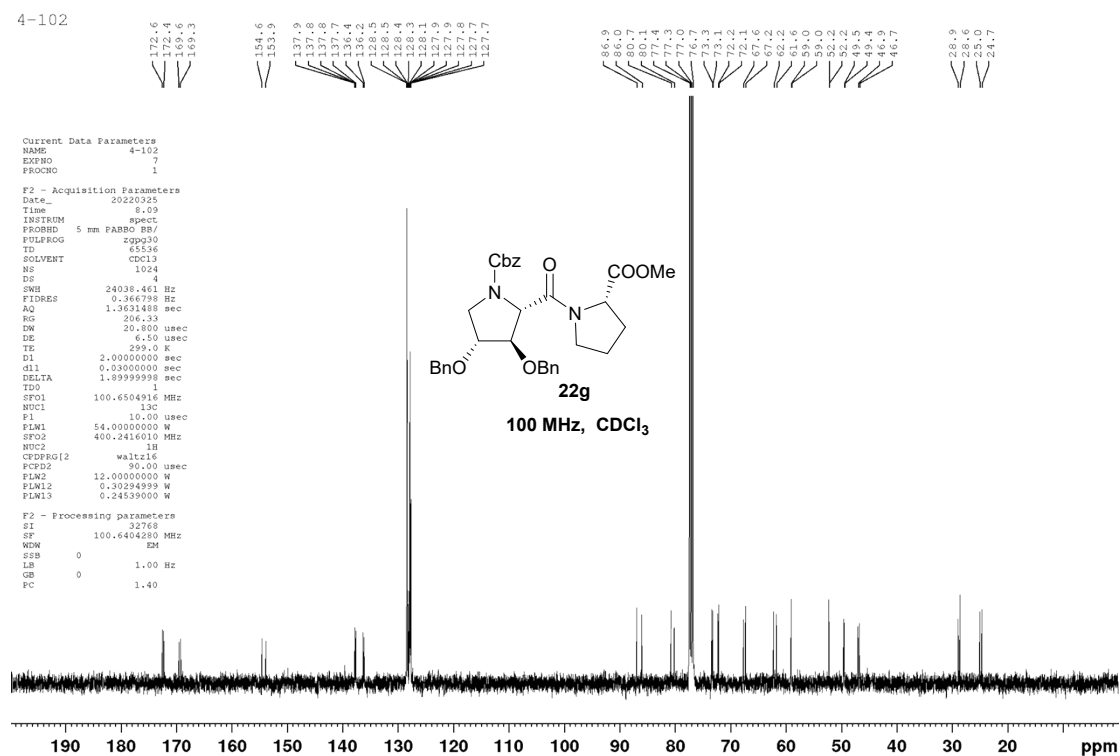
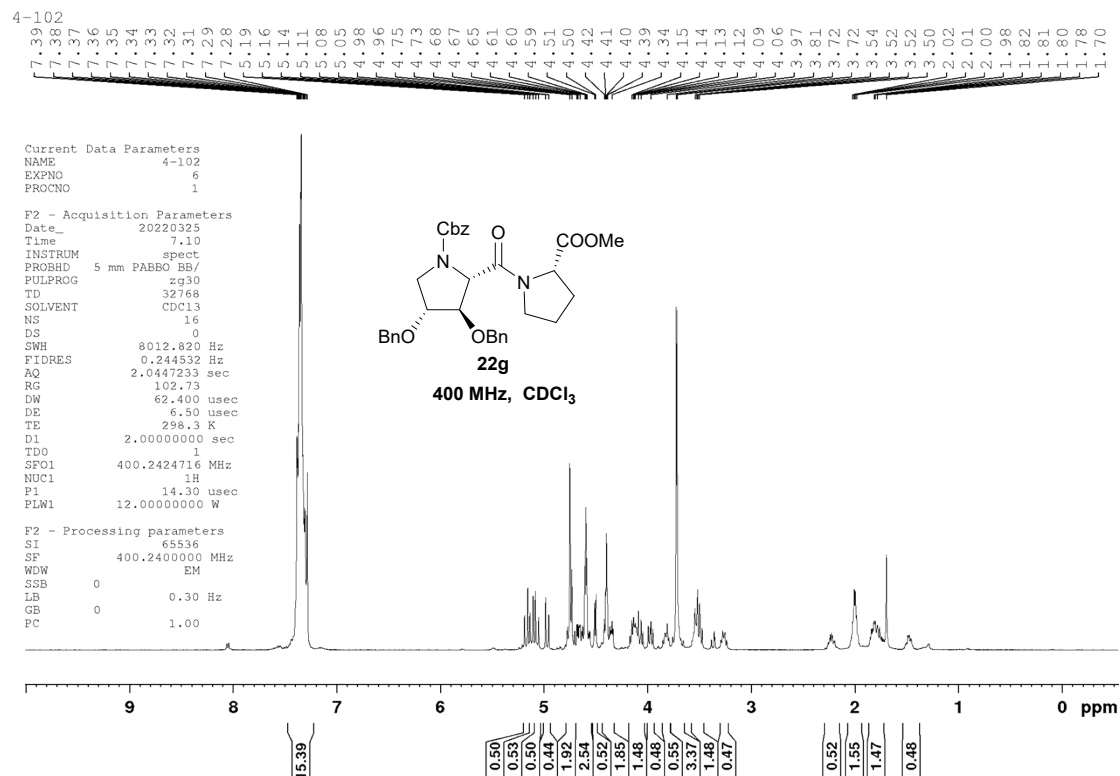
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4-98

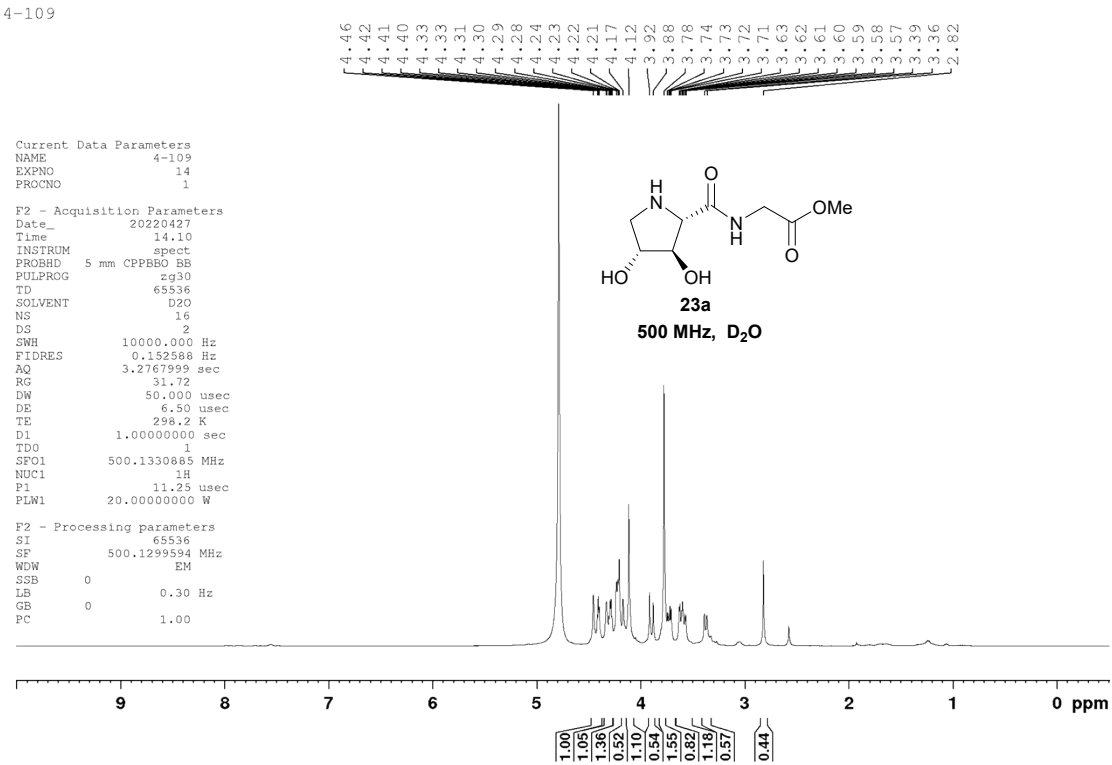


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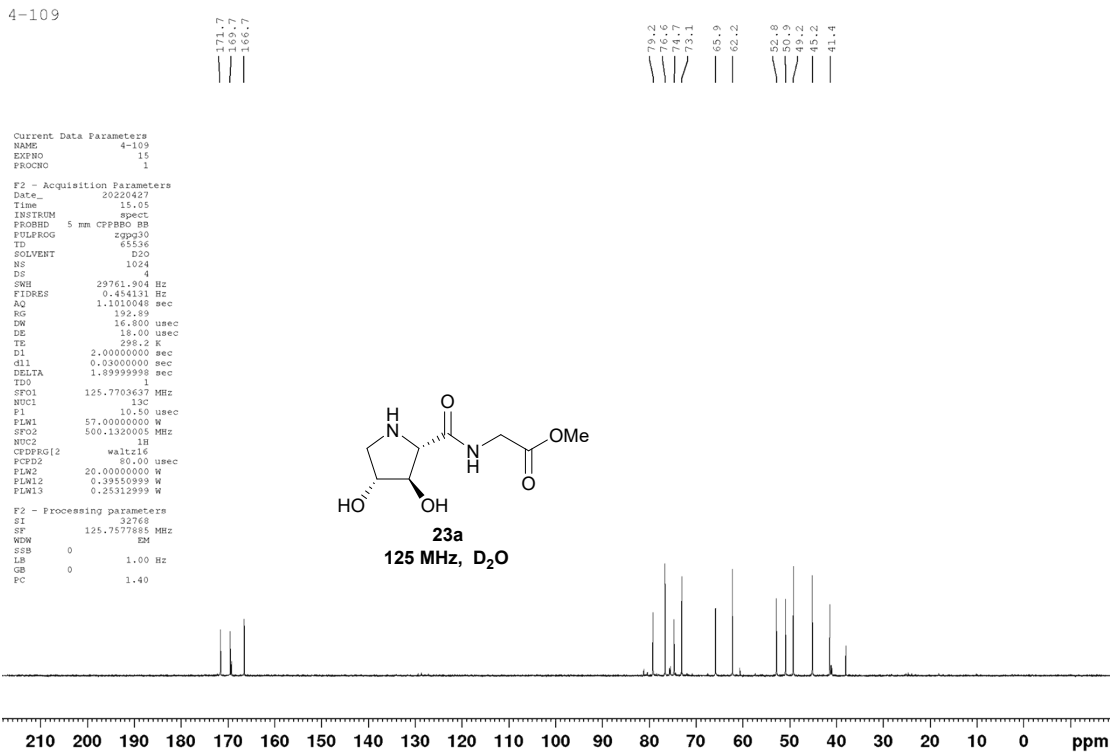


Compound 23a

4-109

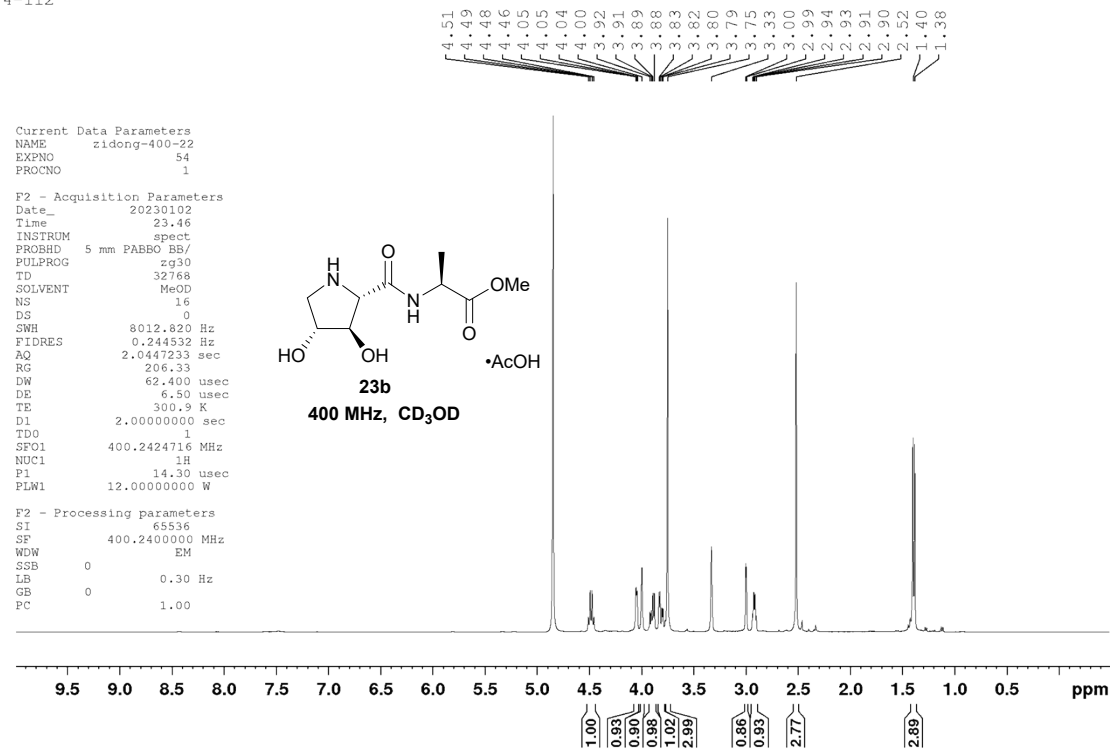


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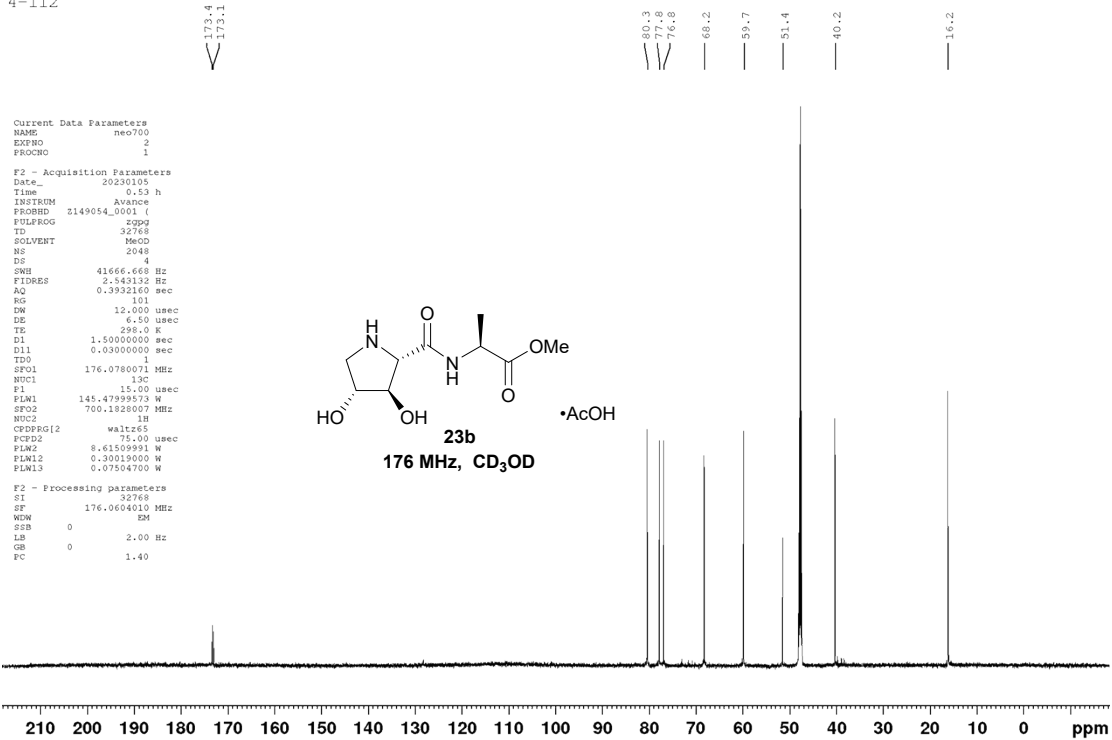


Compound 23b

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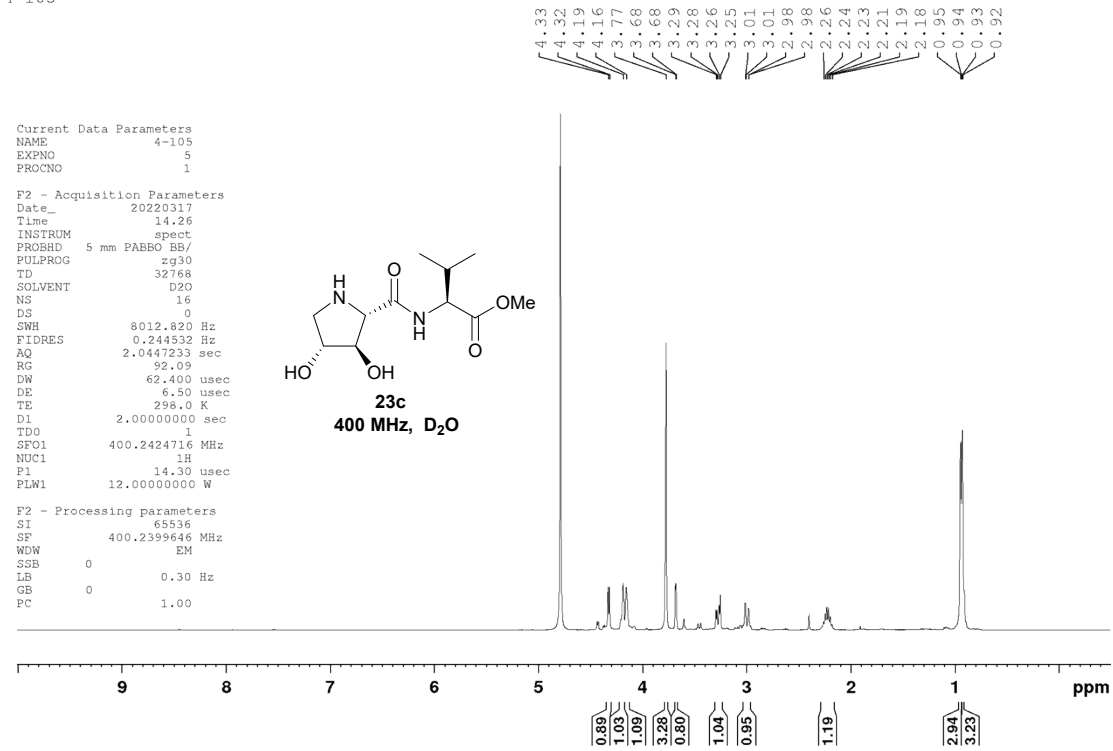


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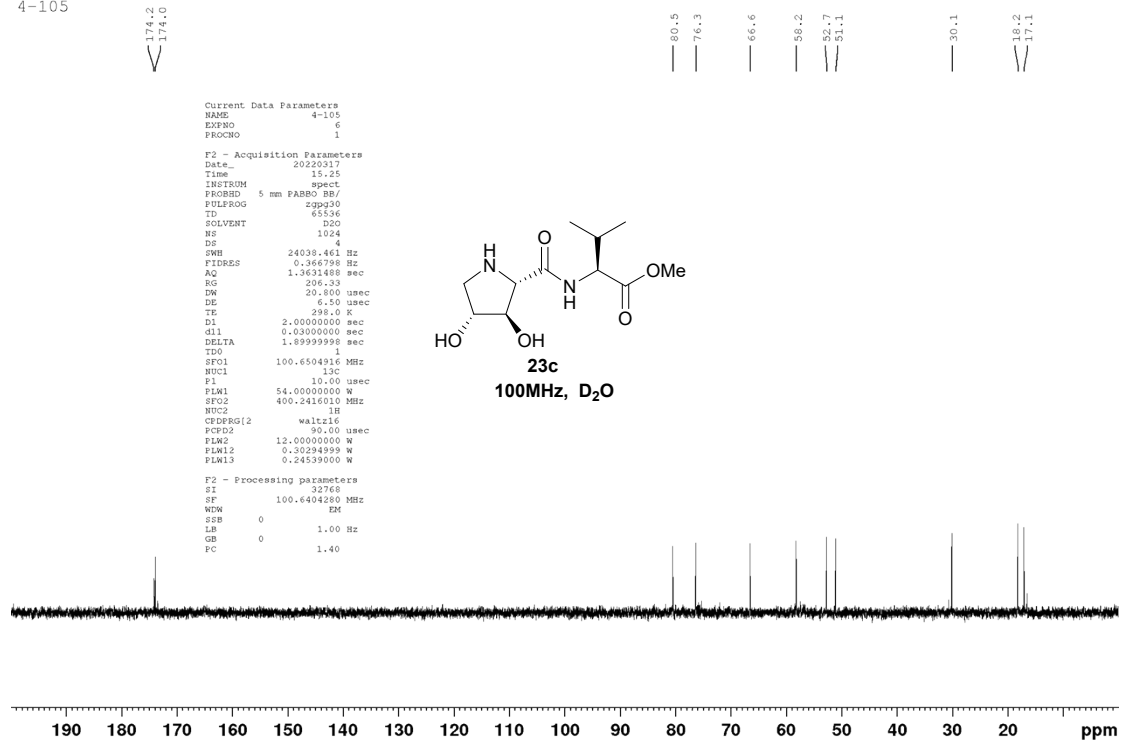


Compound 23c

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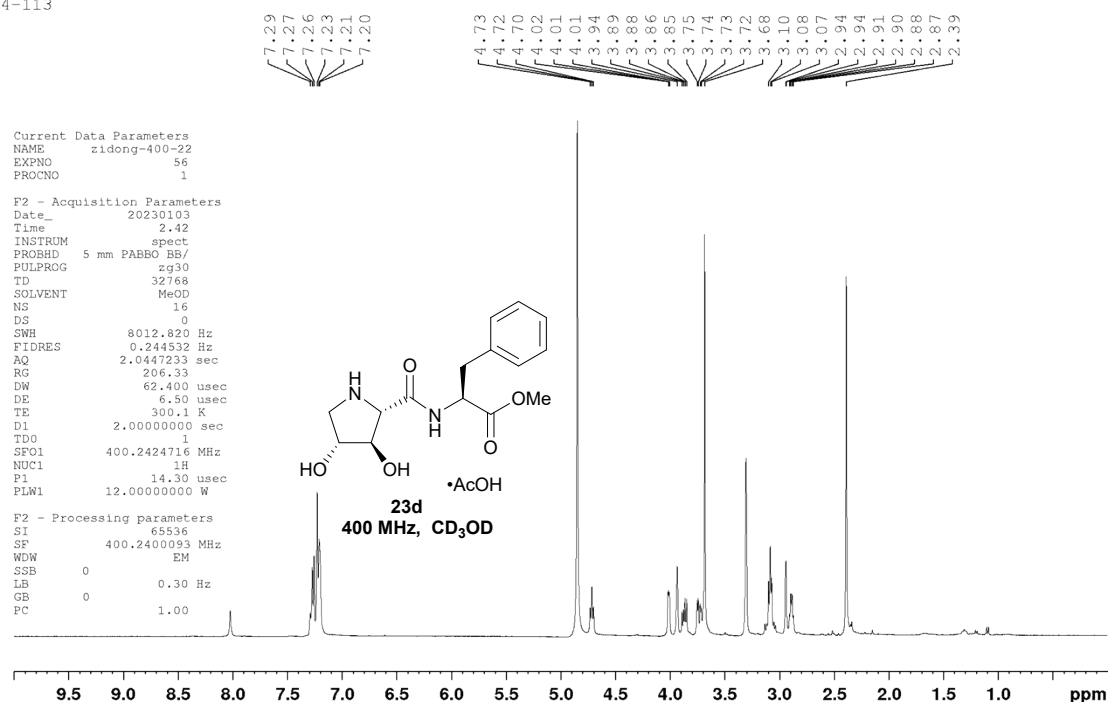


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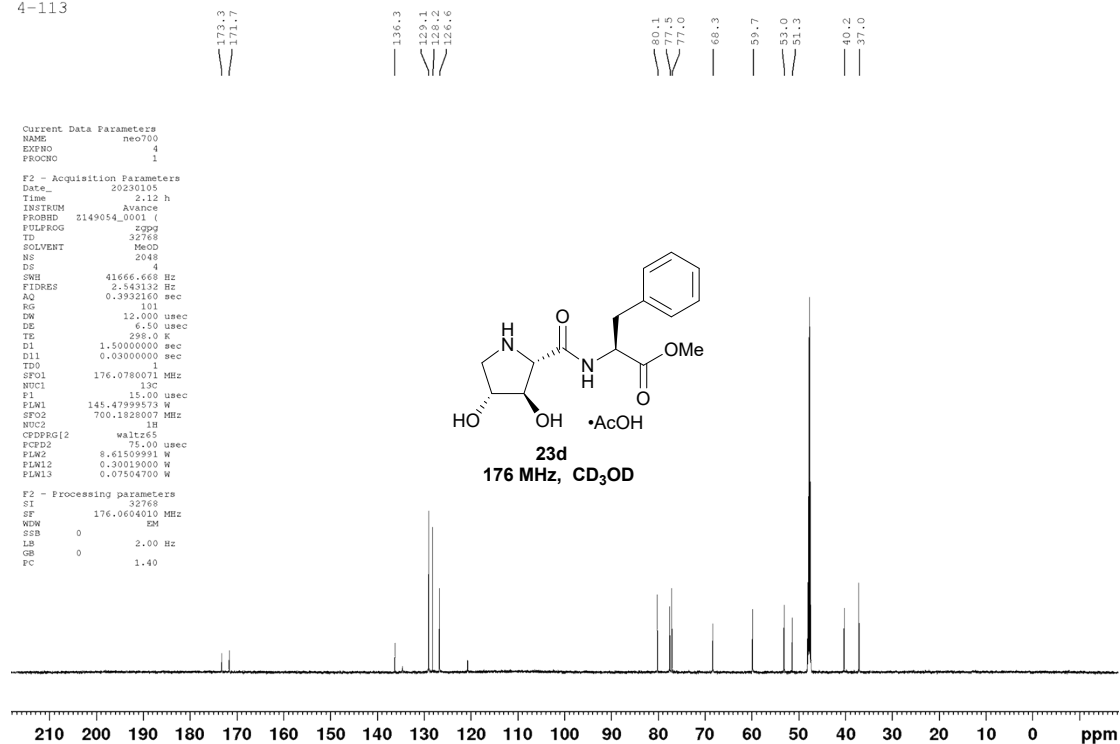


Compound 23d

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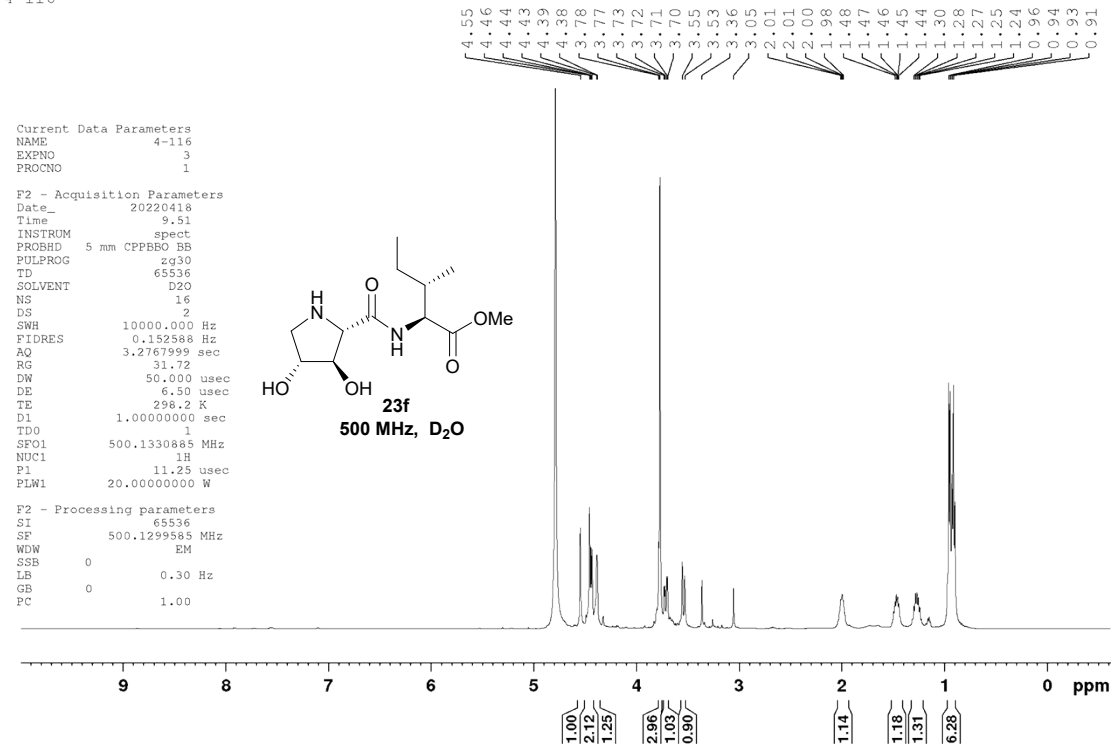


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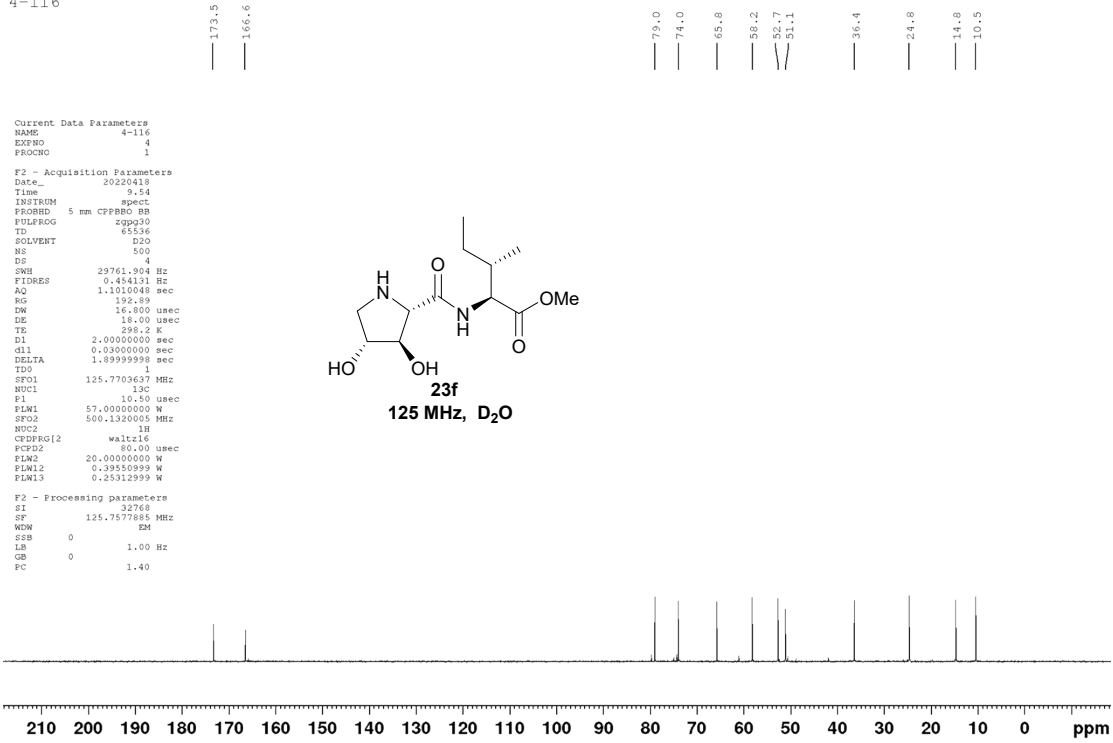


Compound 23f

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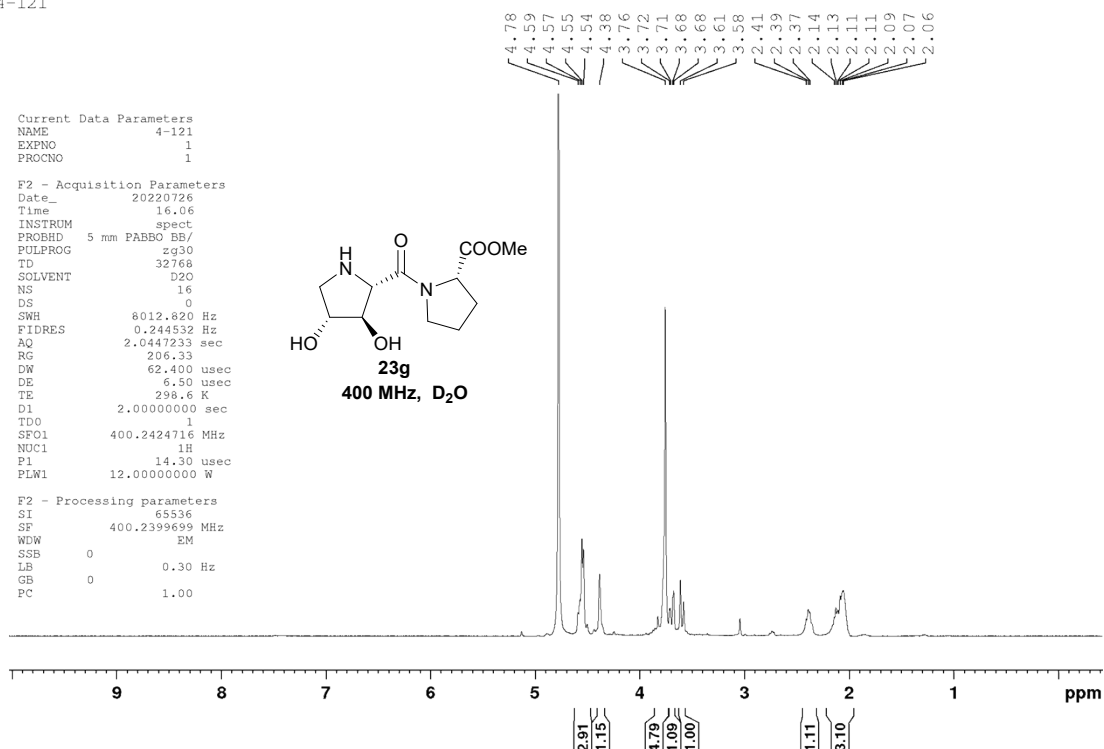


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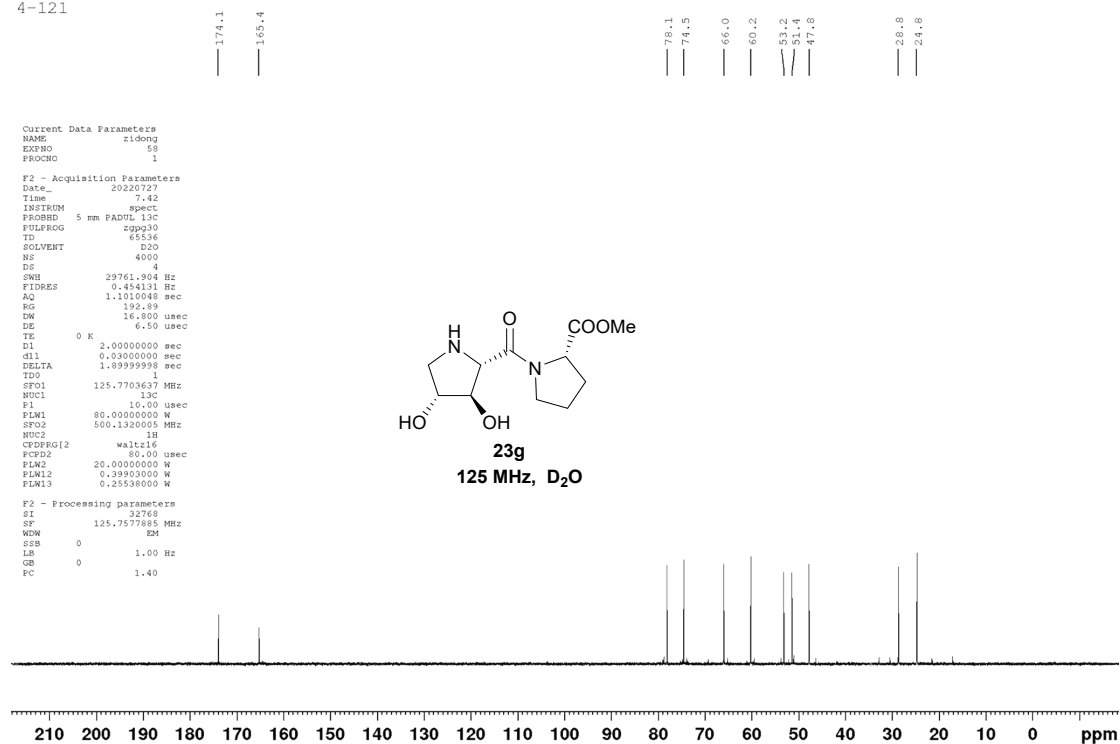


Compound 23g

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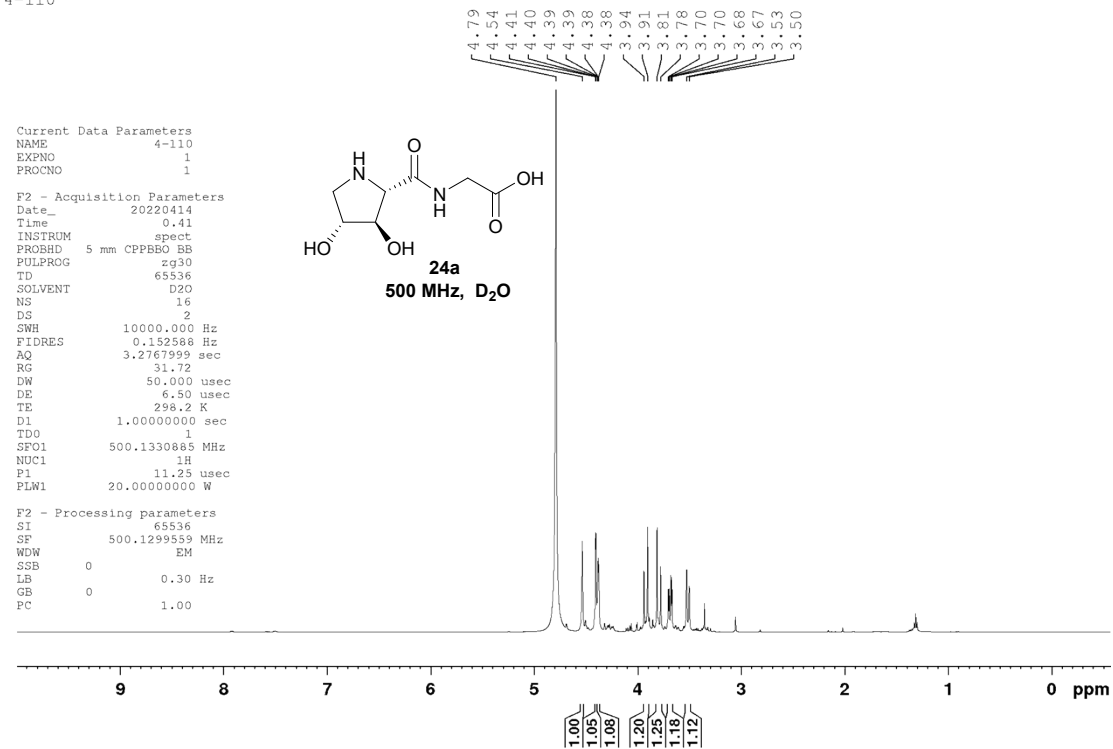


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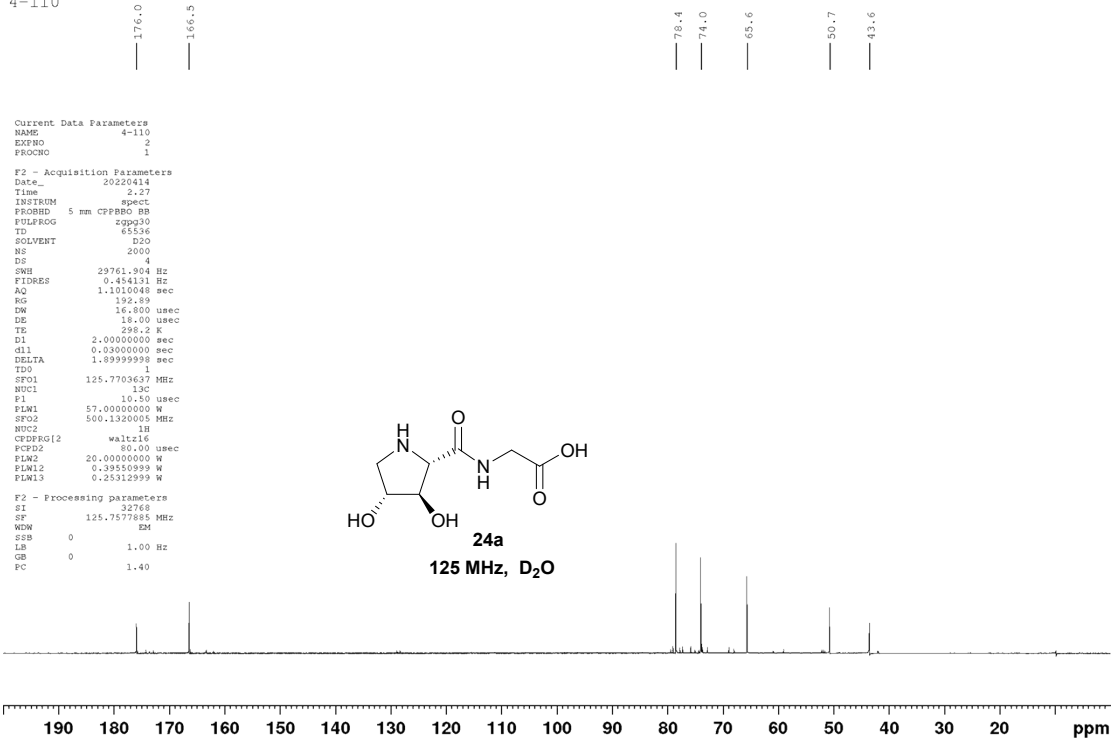


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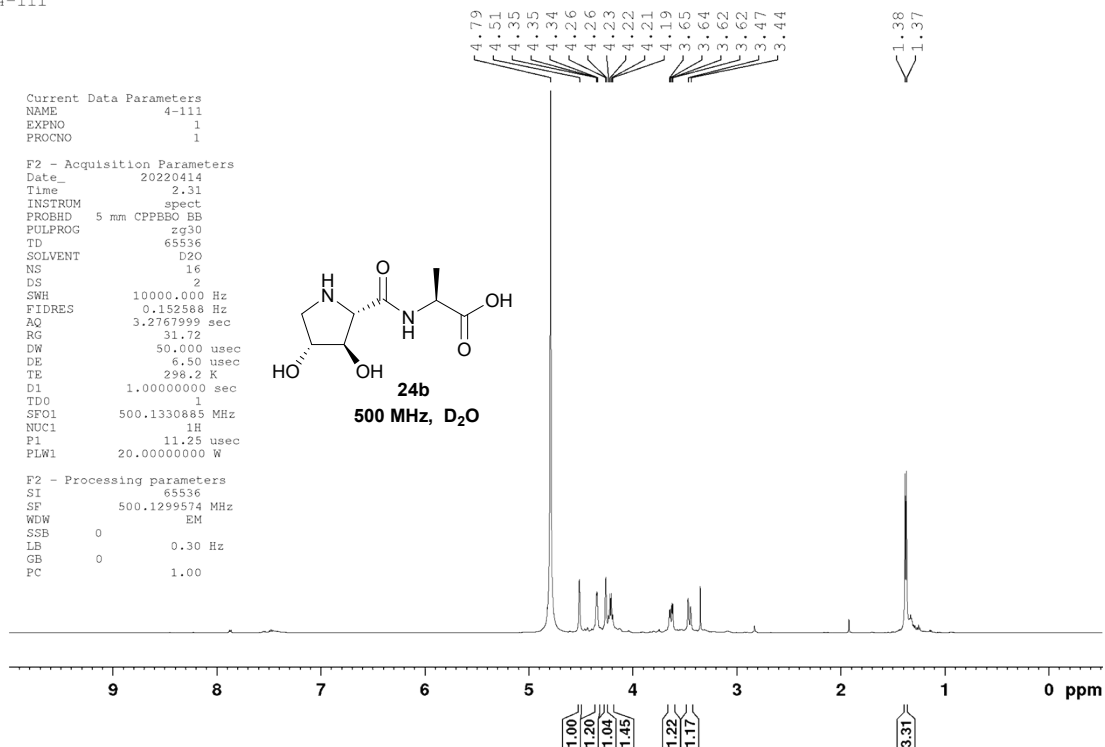


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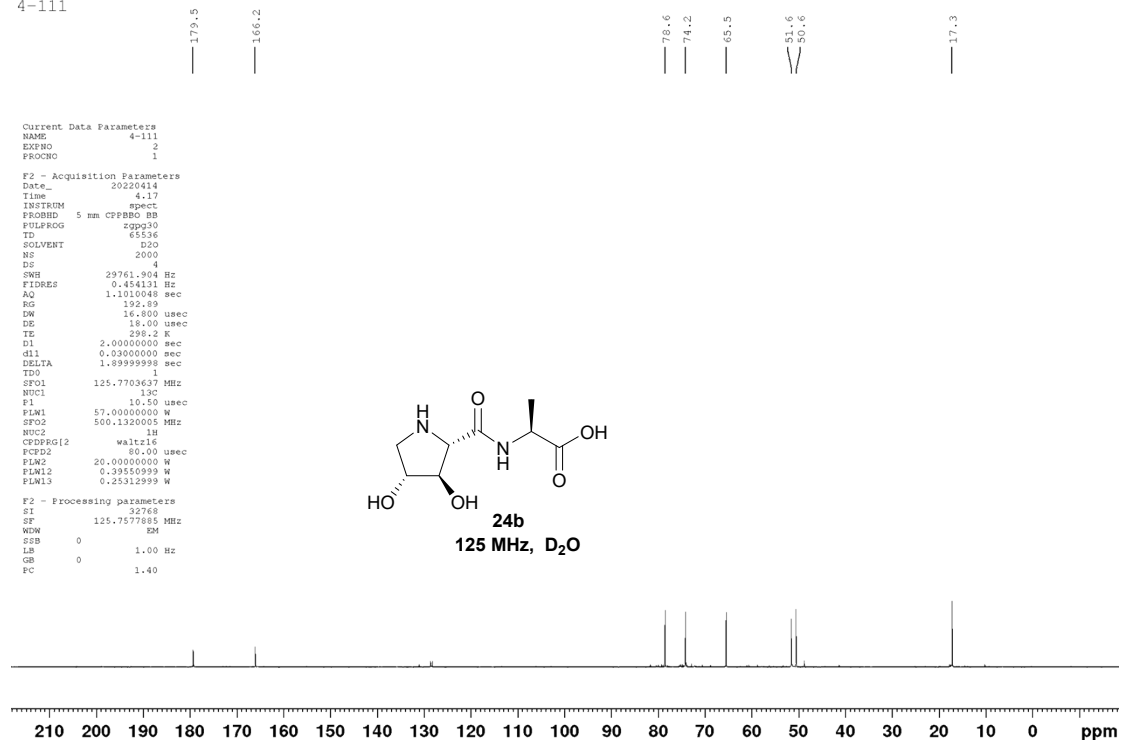


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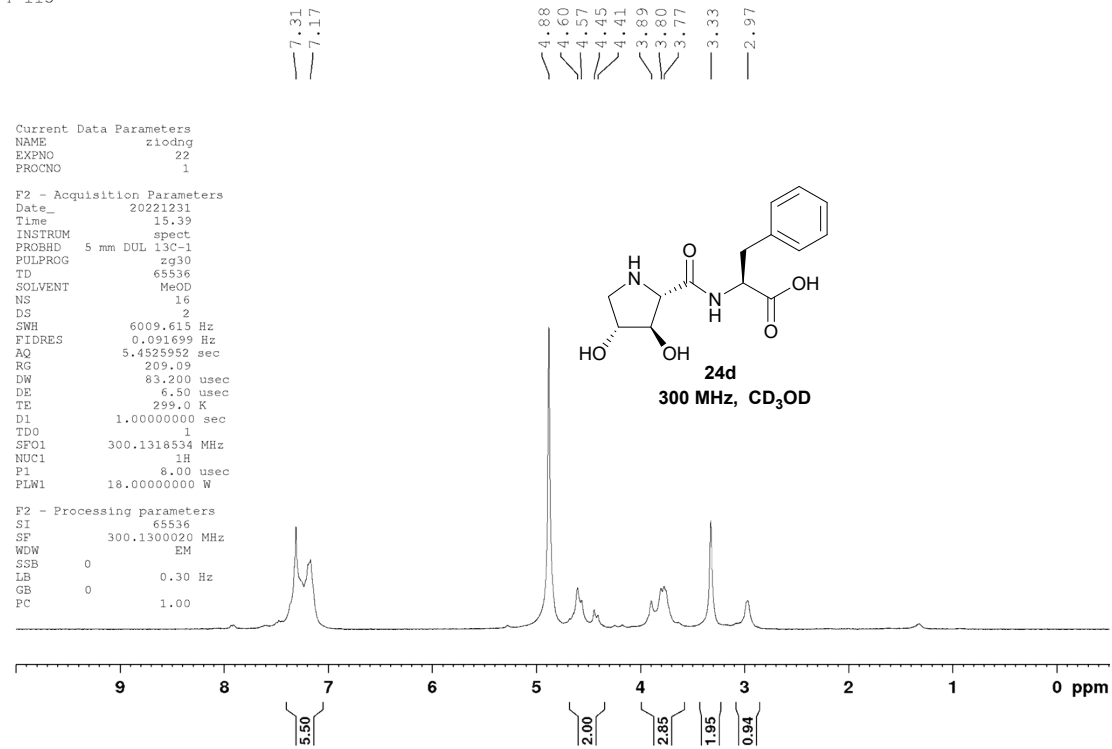


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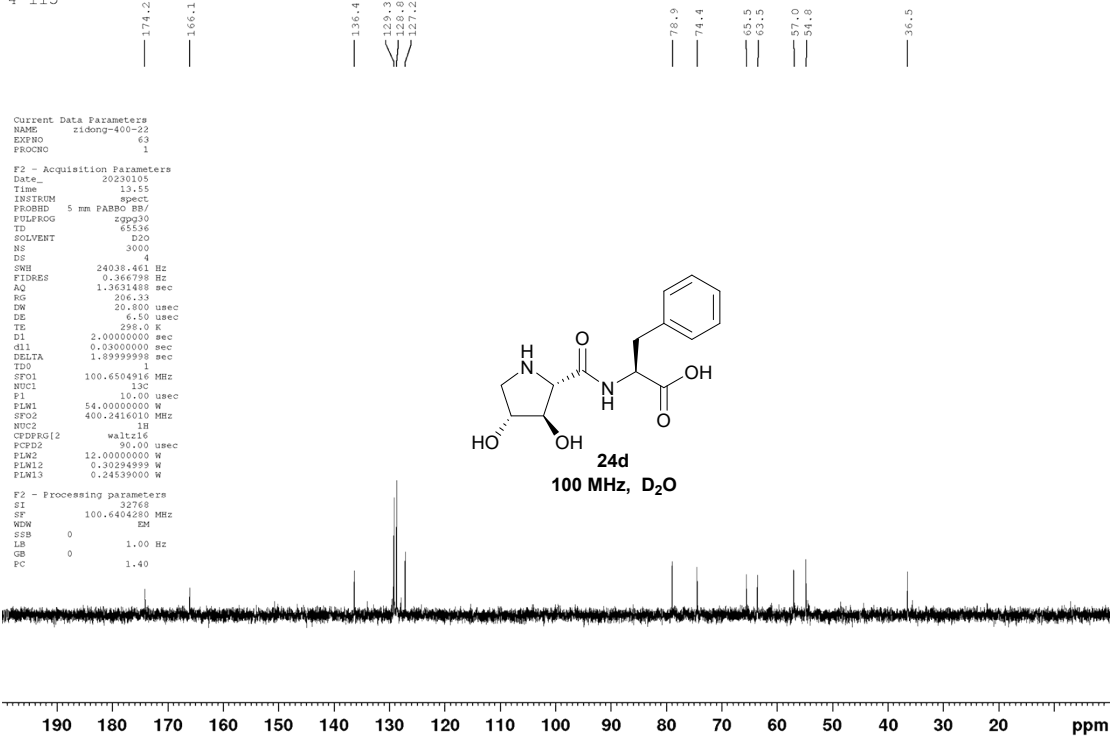


Compound 24d

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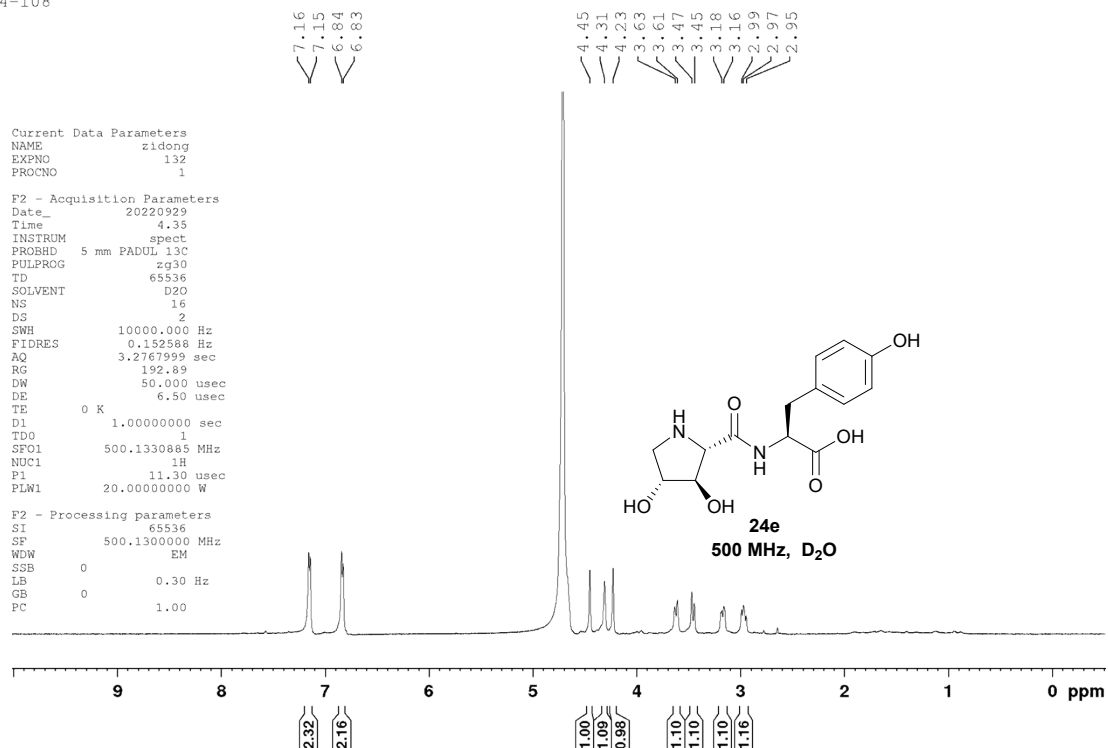


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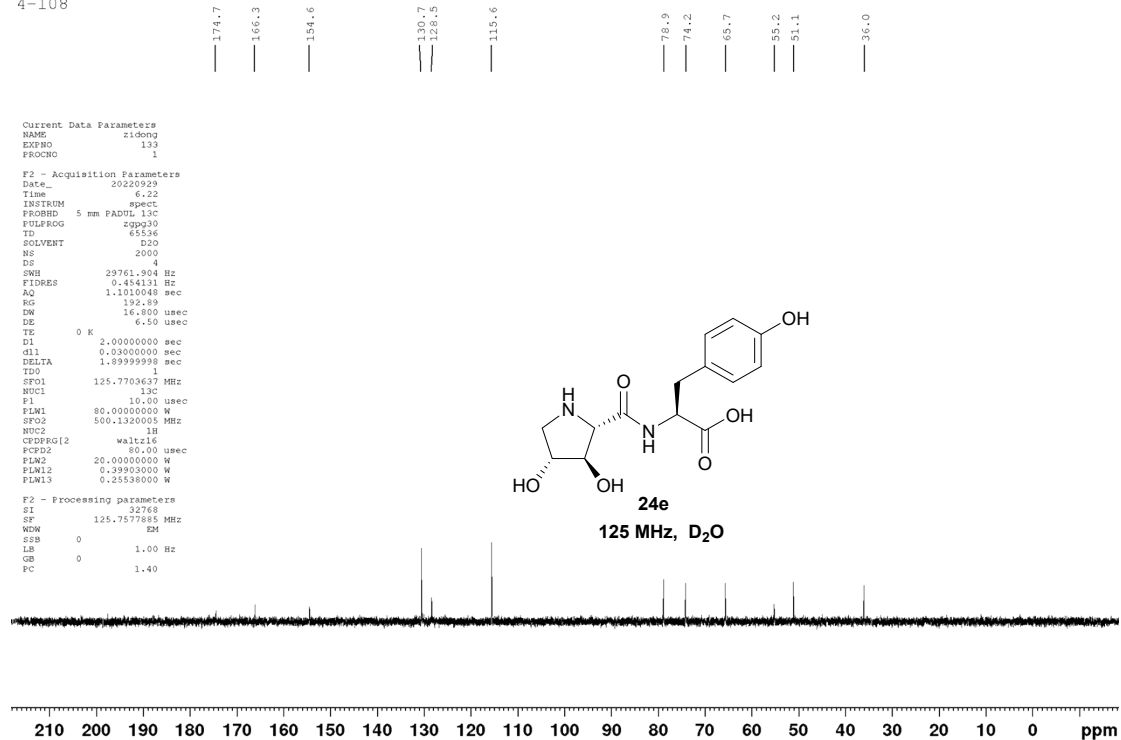


Compound 24e

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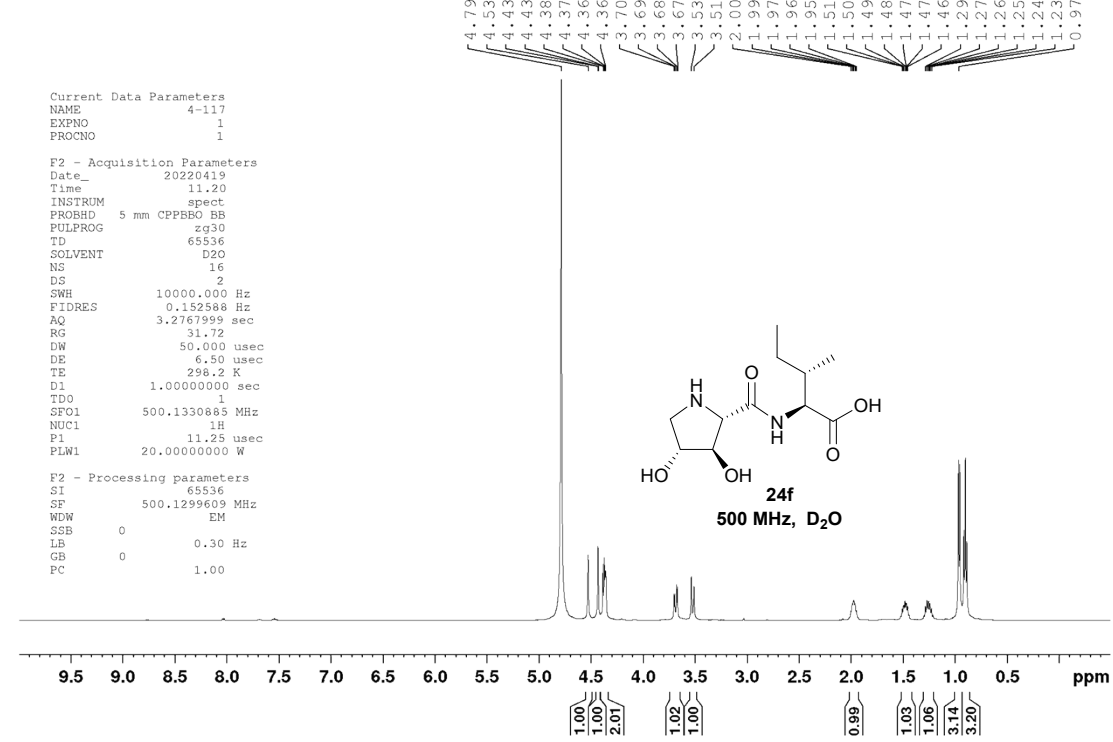


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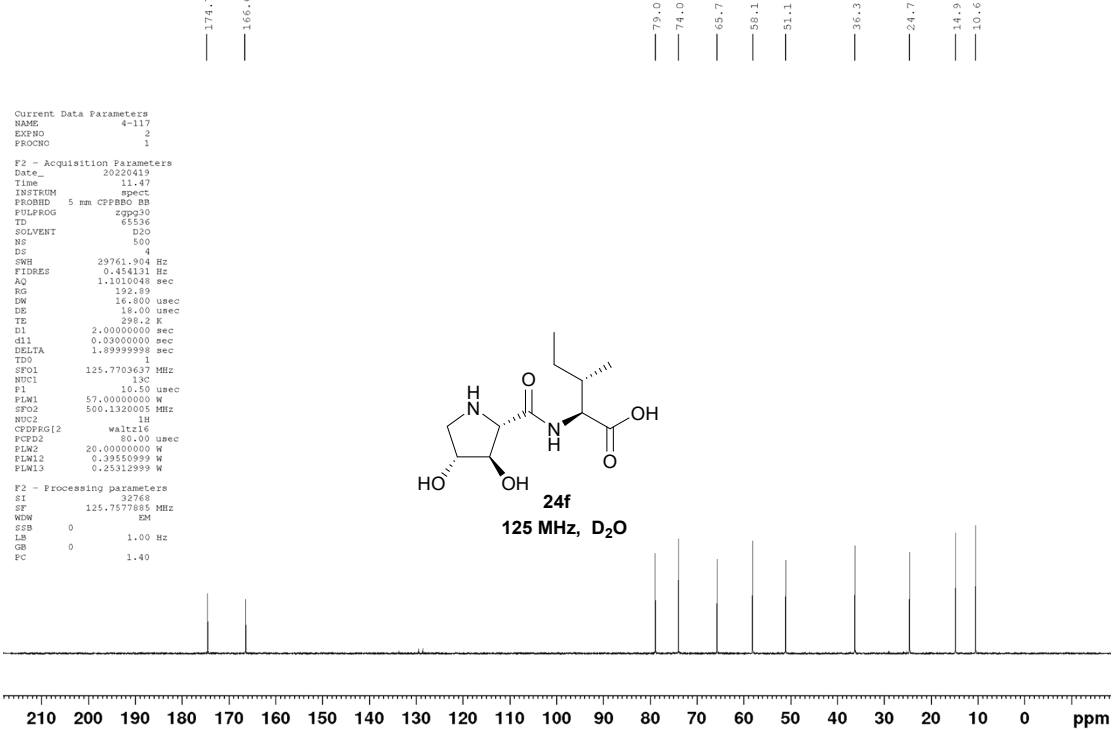


Compound 24f

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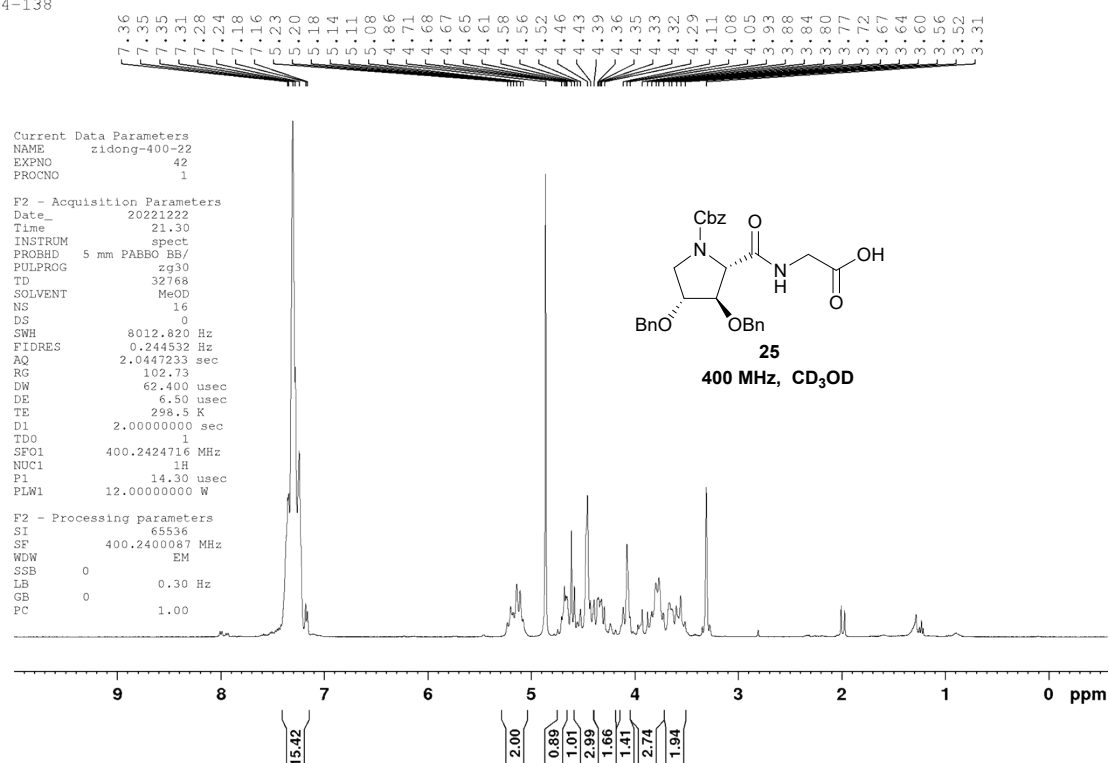


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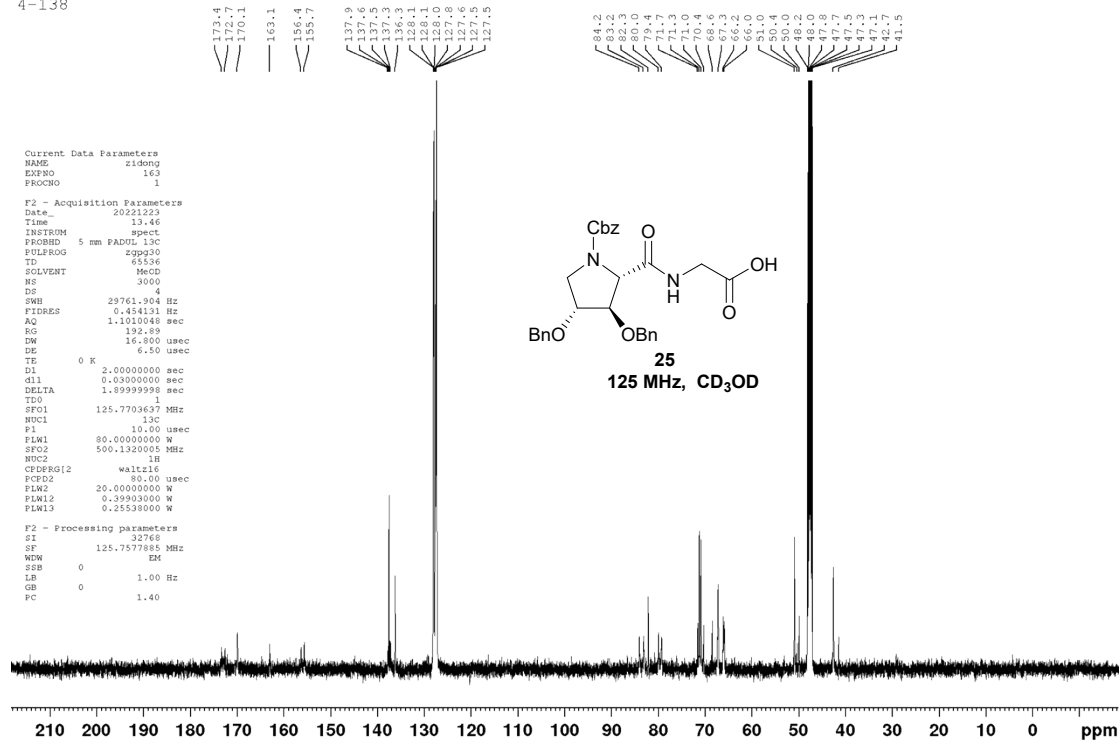


Compound 25

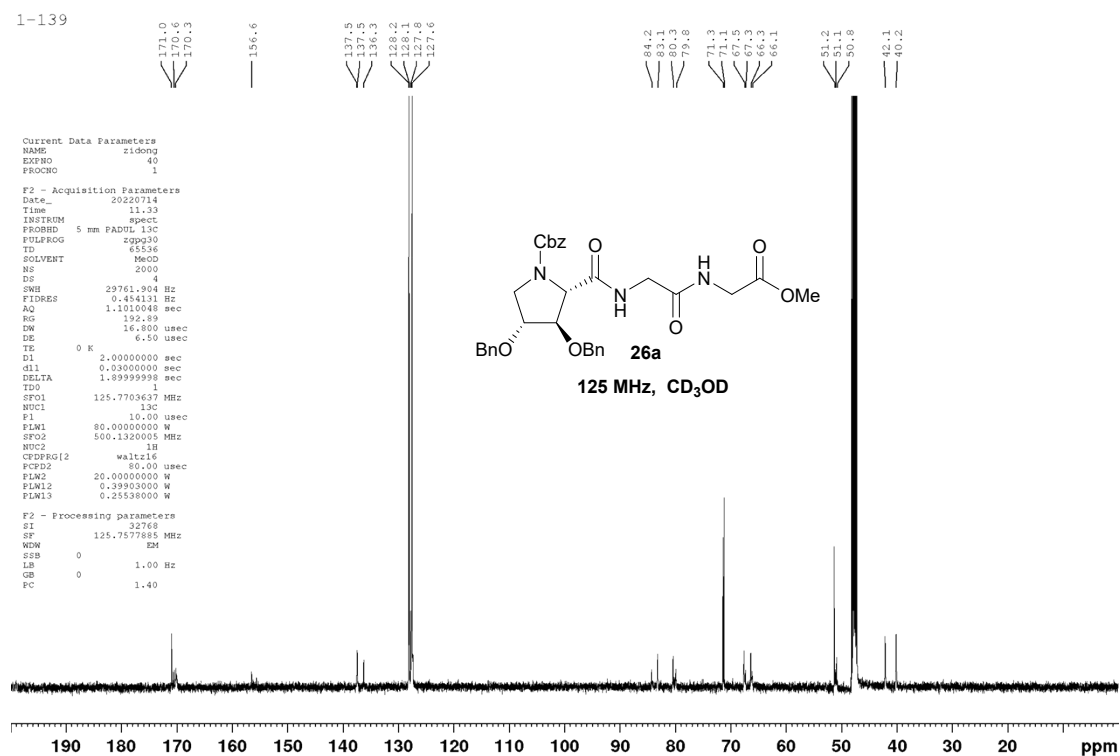
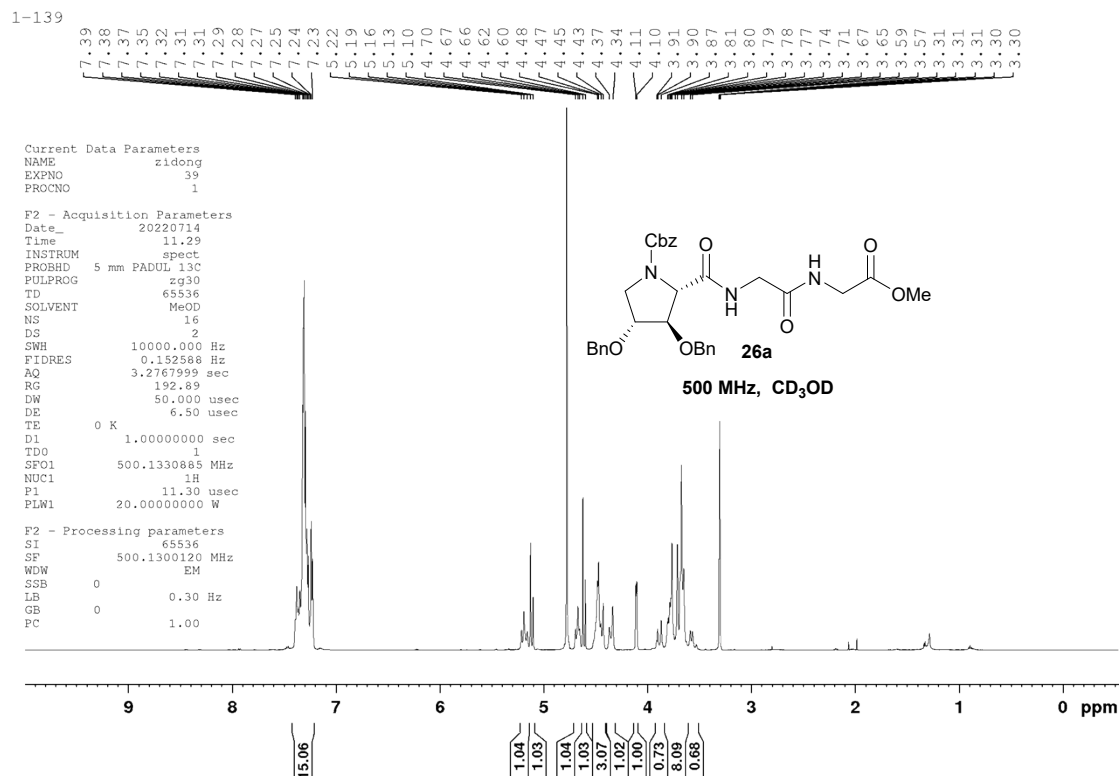
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4-138

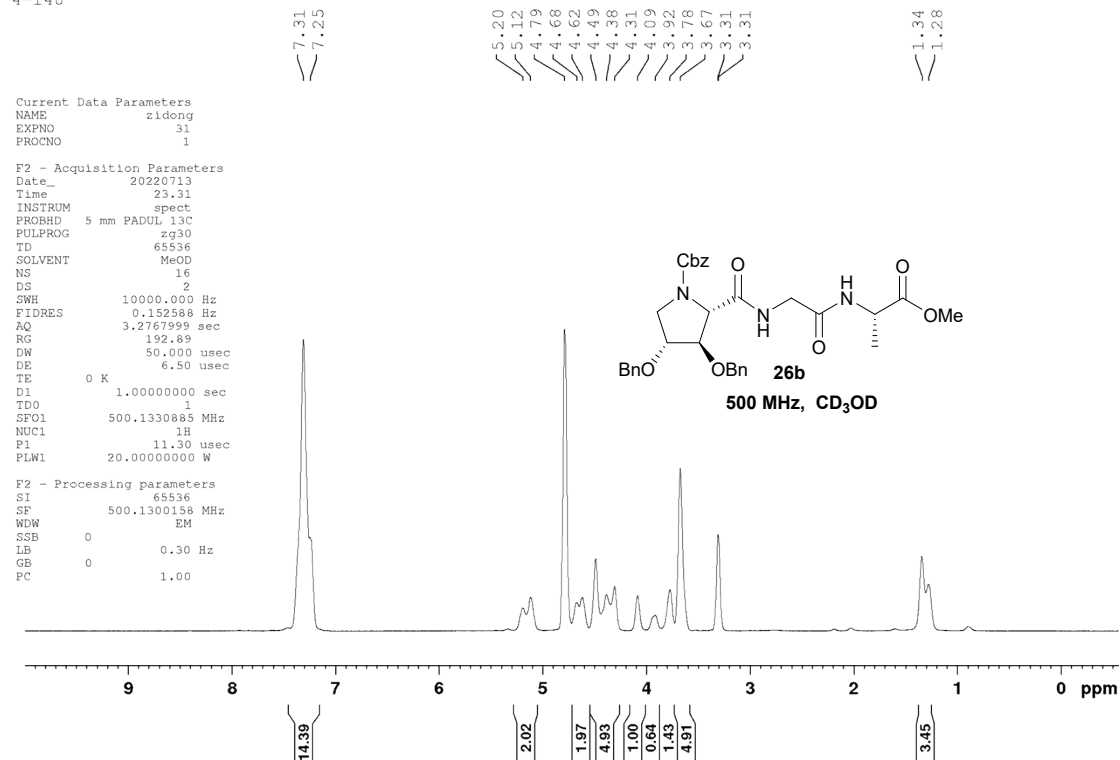


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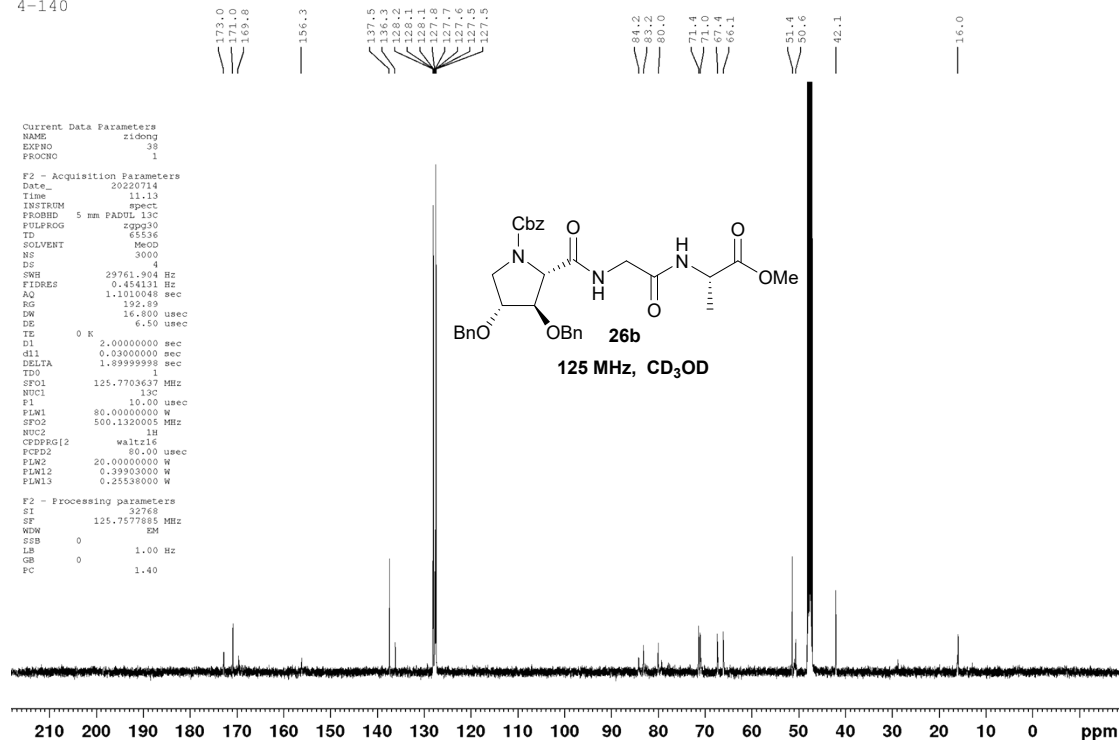


Compound 26b

4-140

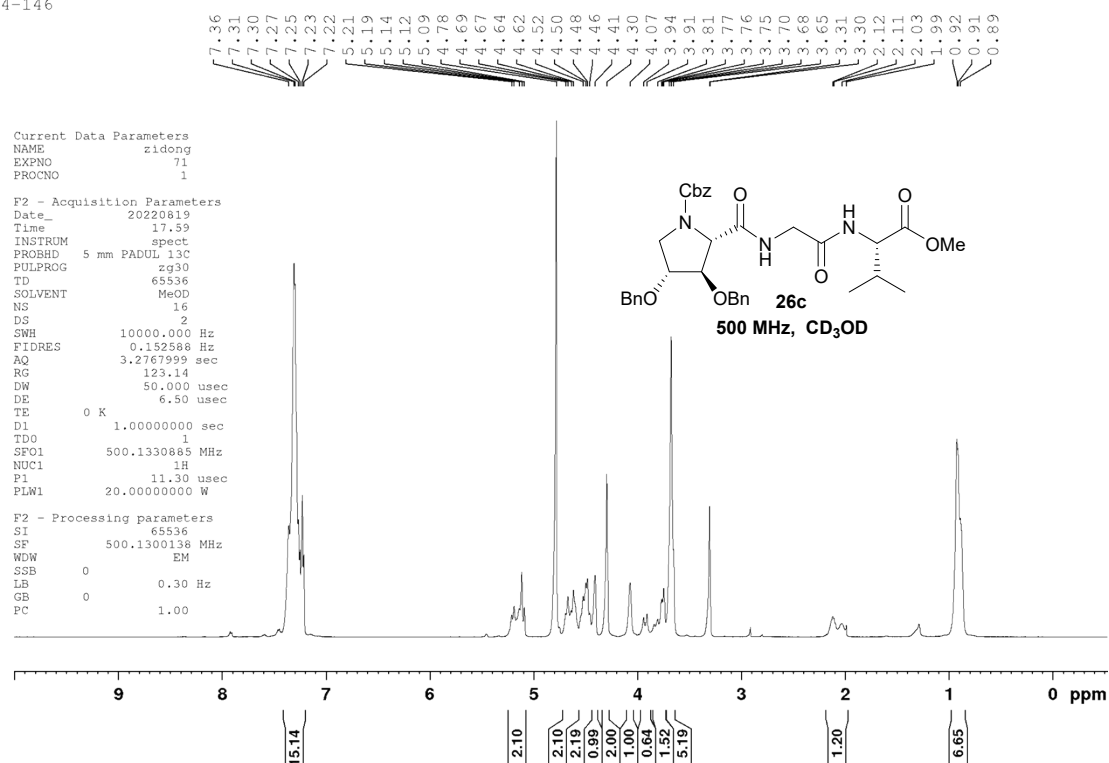


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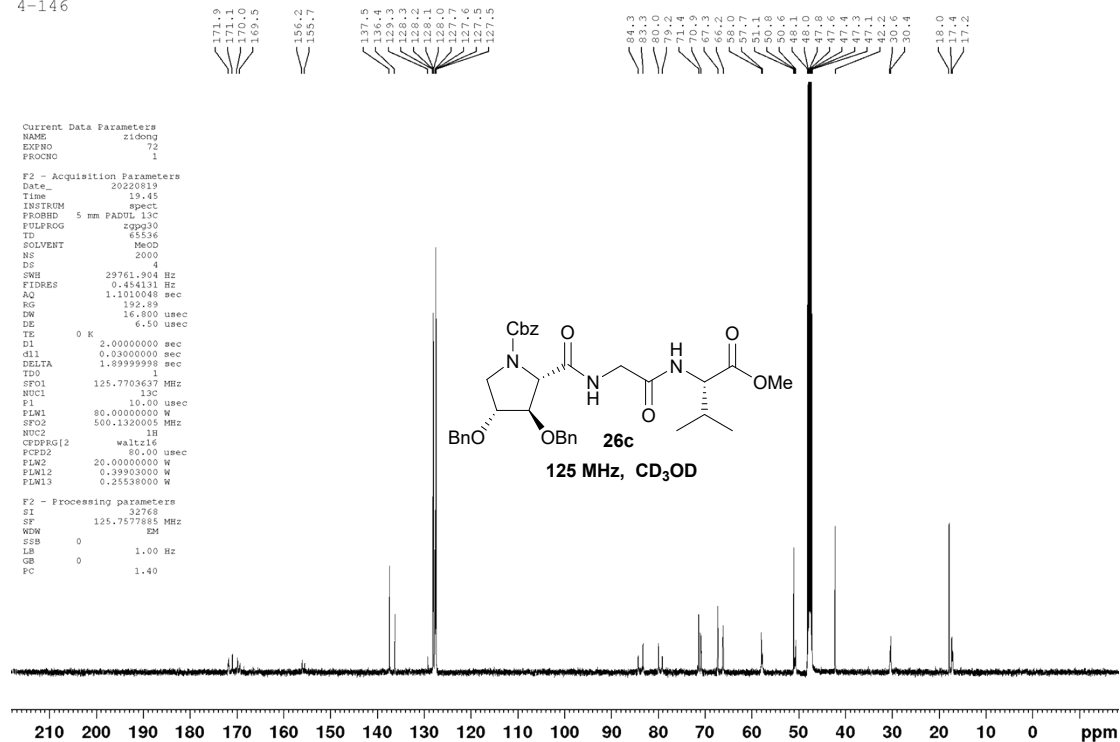


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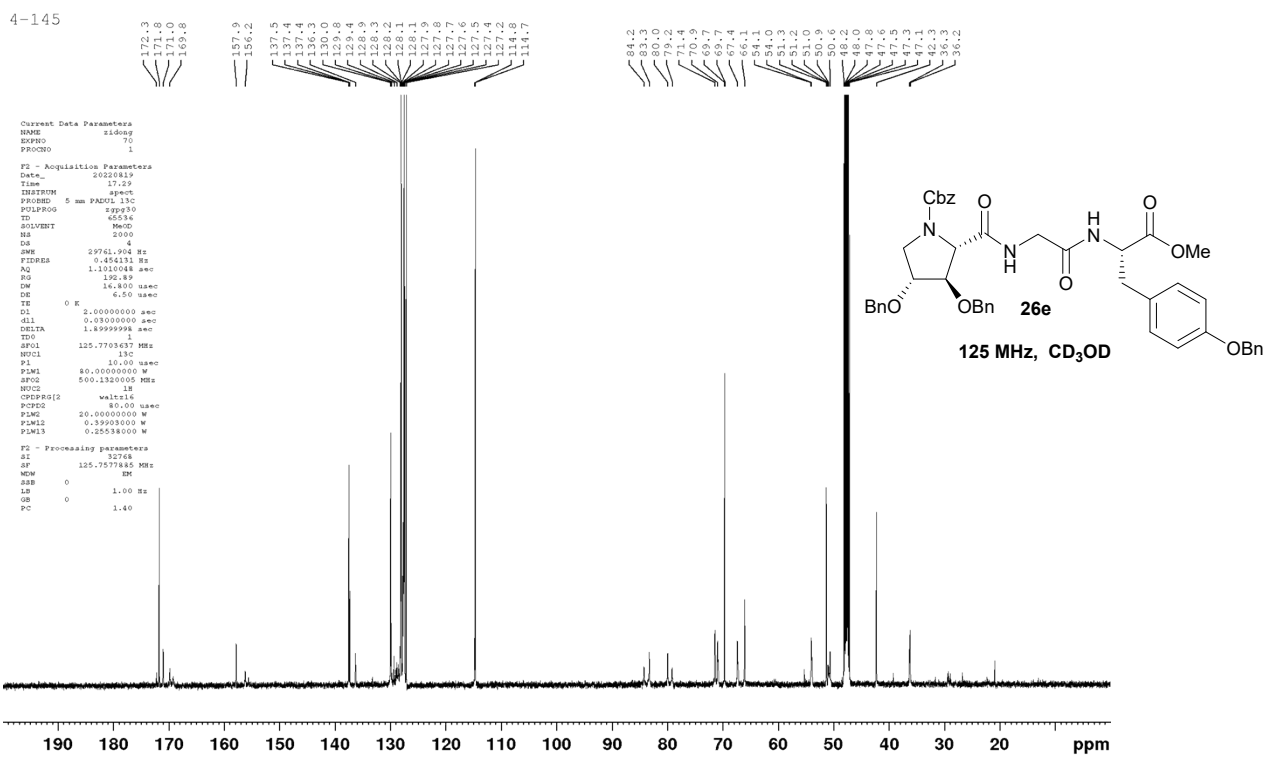
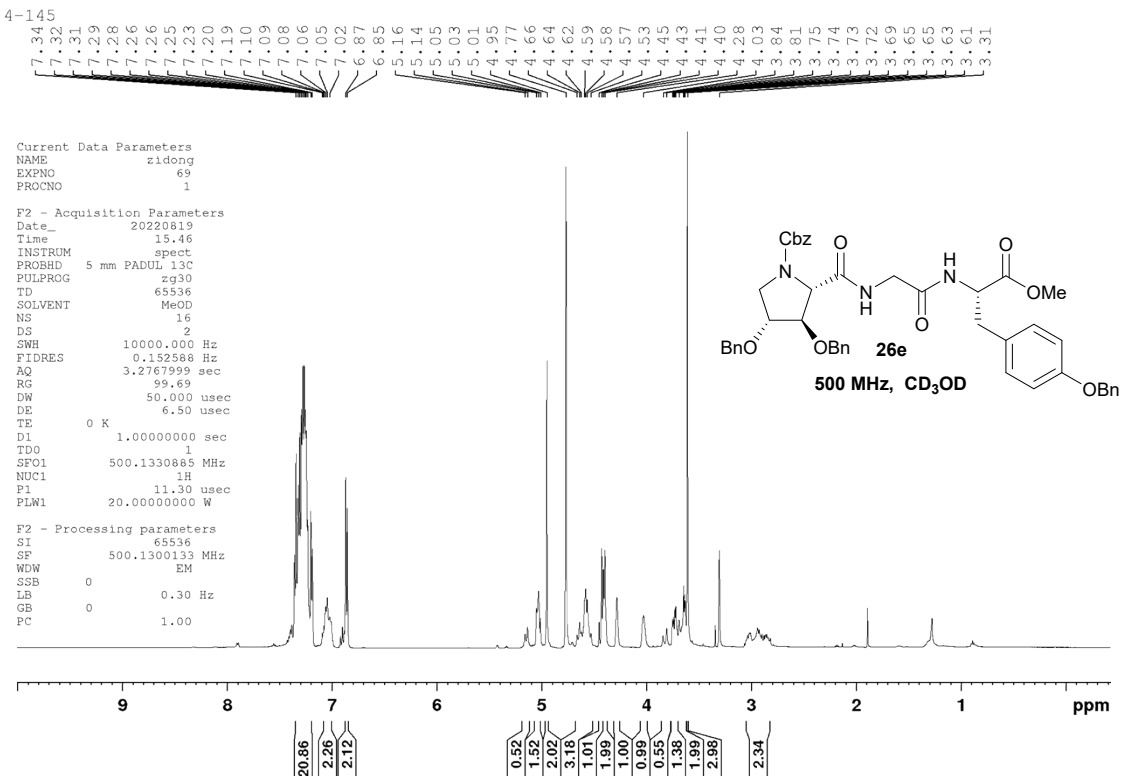
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4-146

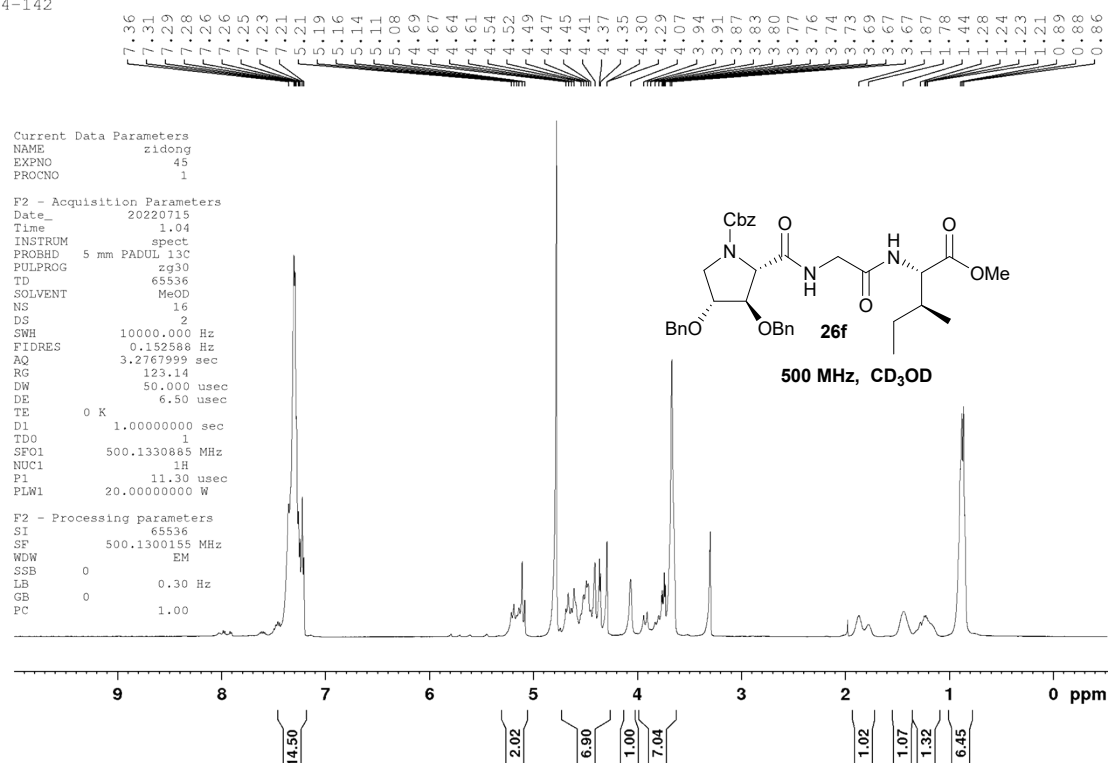


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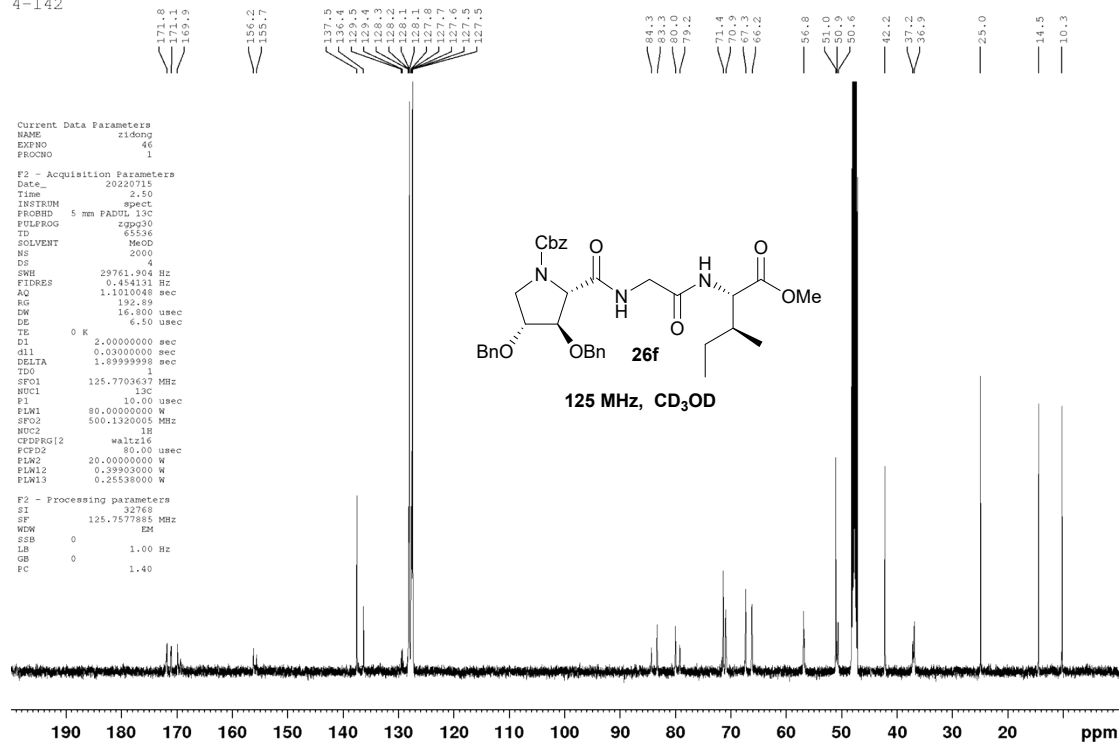


Compound 26f

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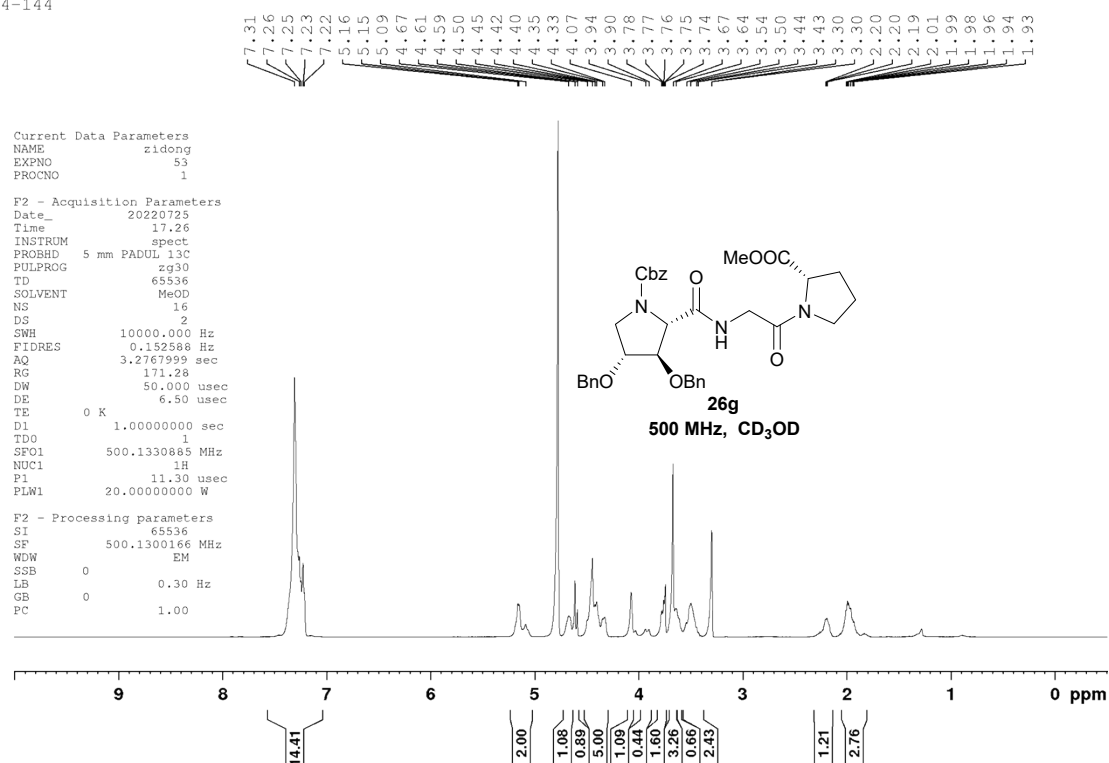


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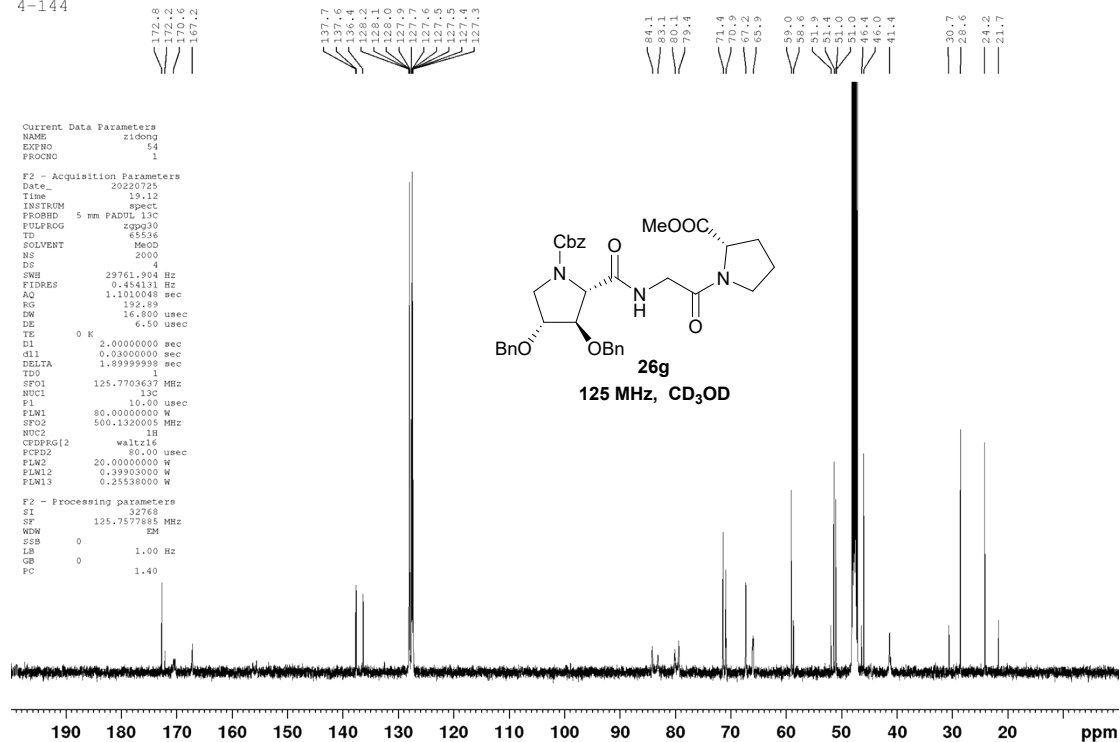


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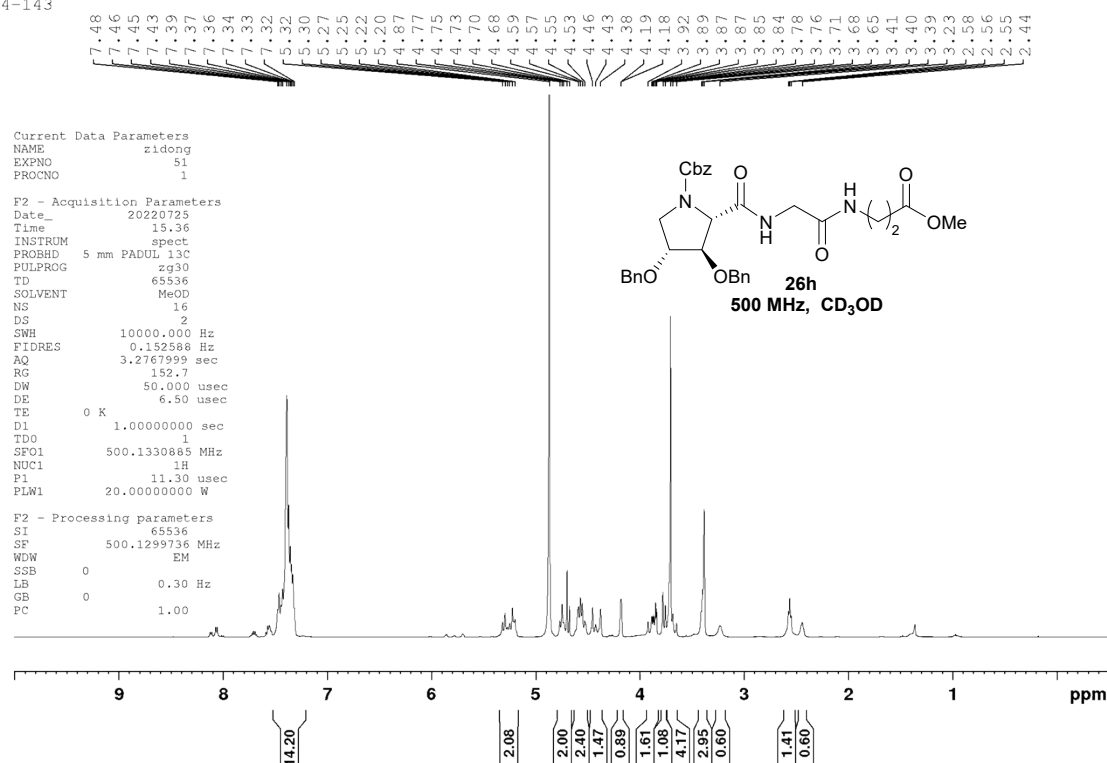


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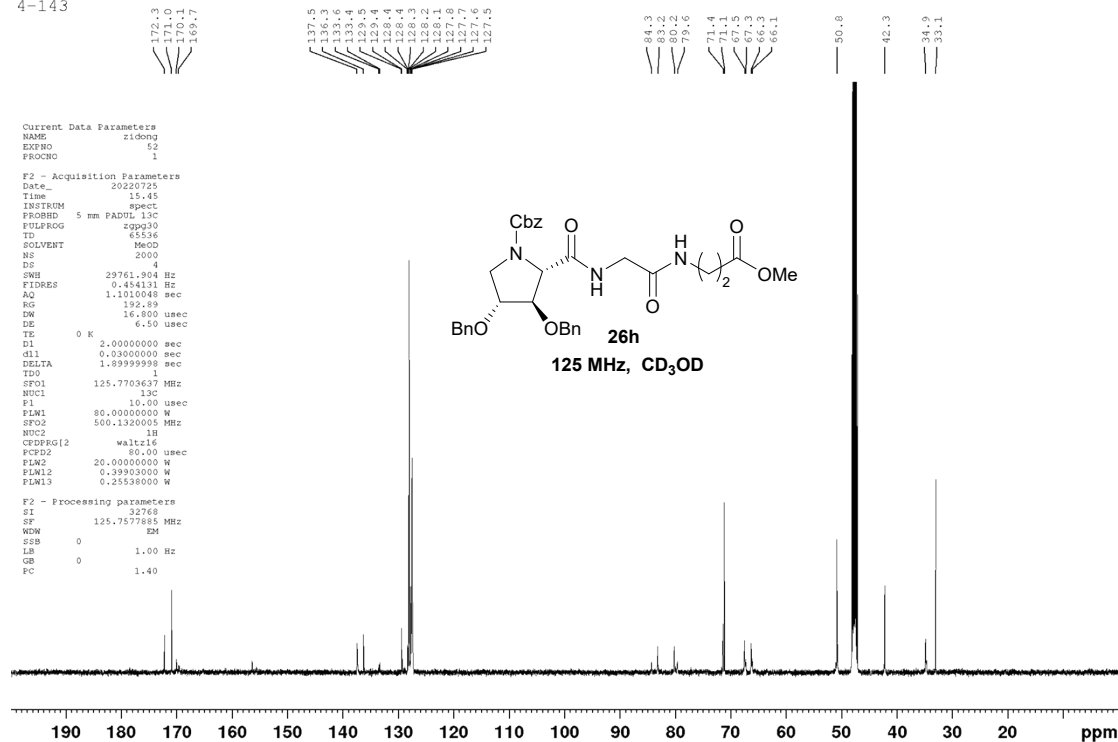


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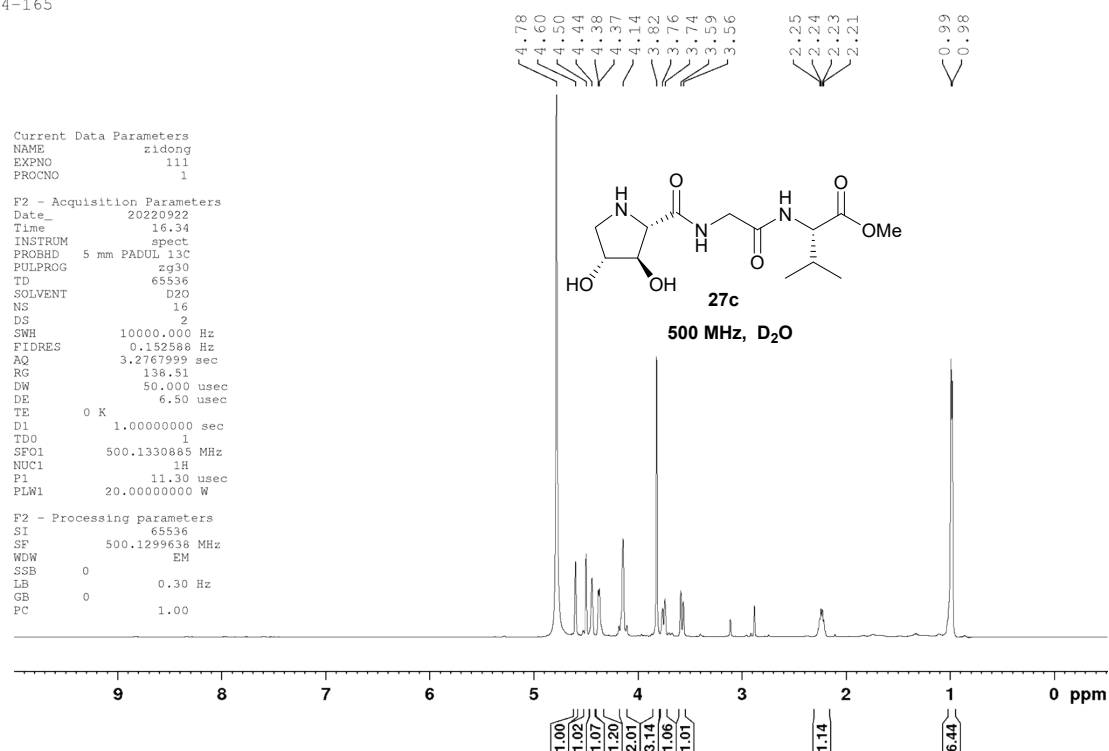


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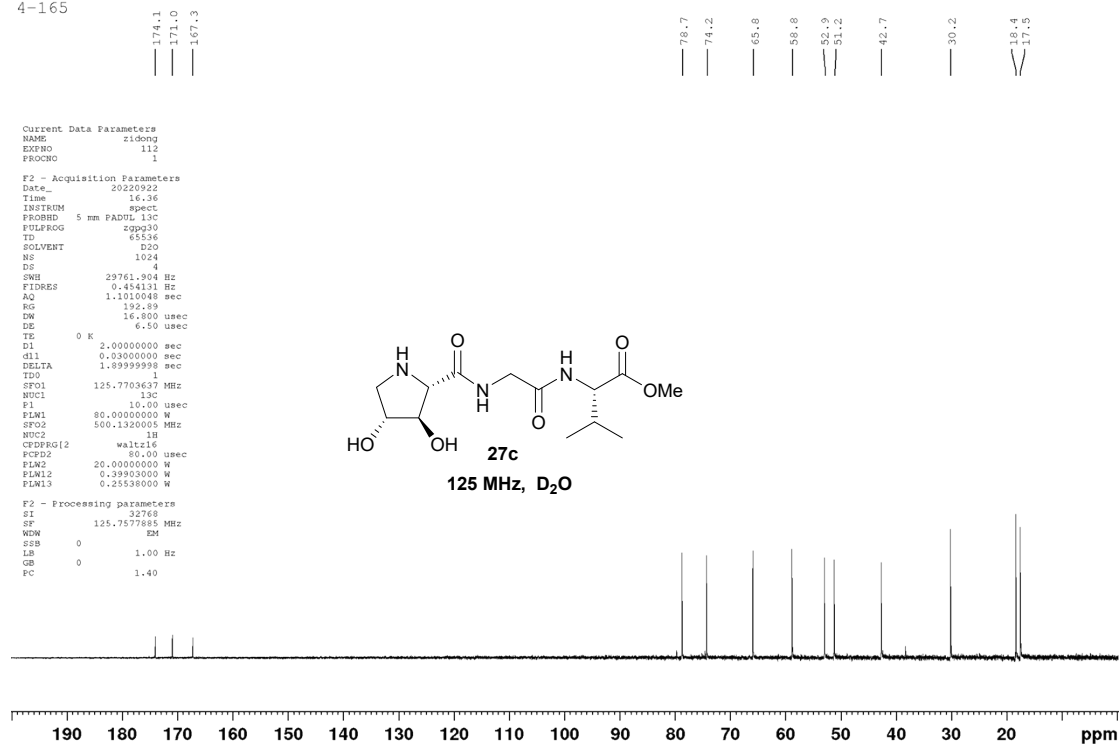


Compound 27c

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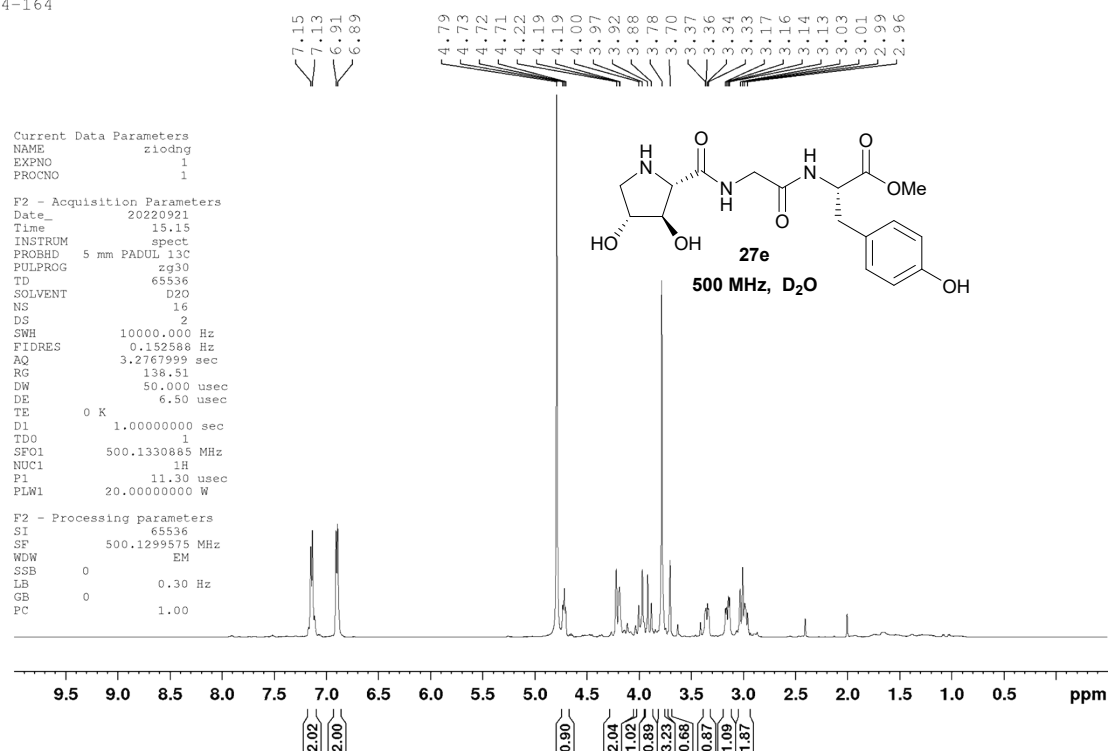


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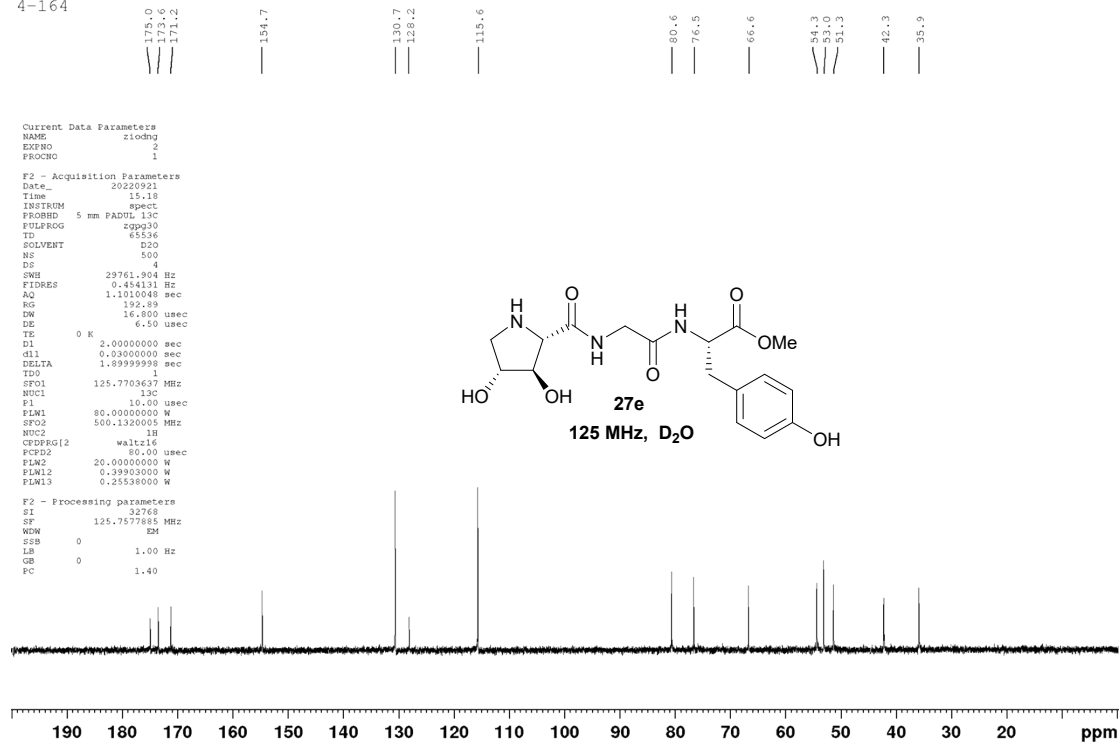


Compound 27e

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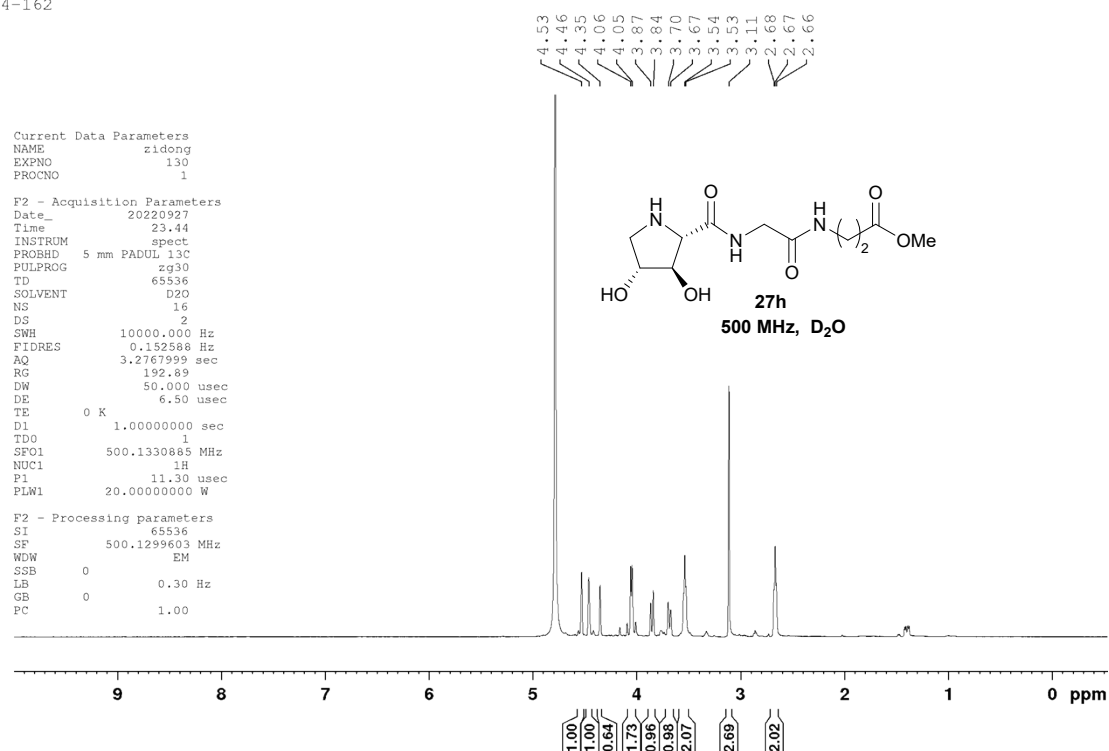


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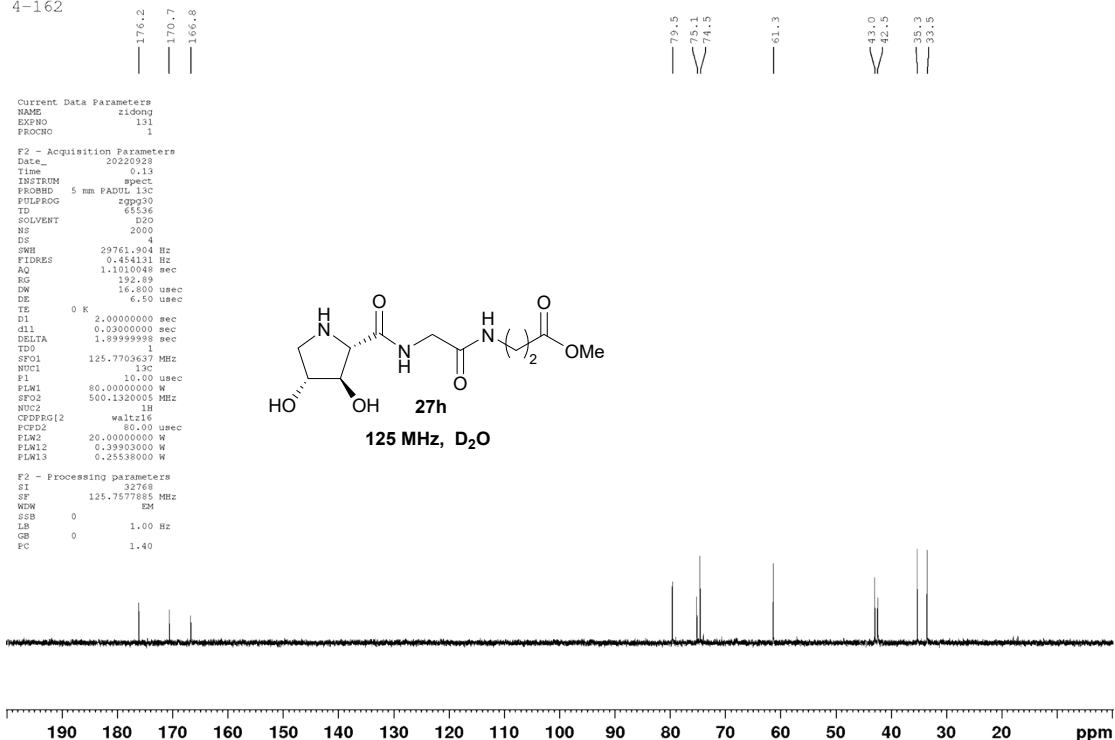


Compound 27h

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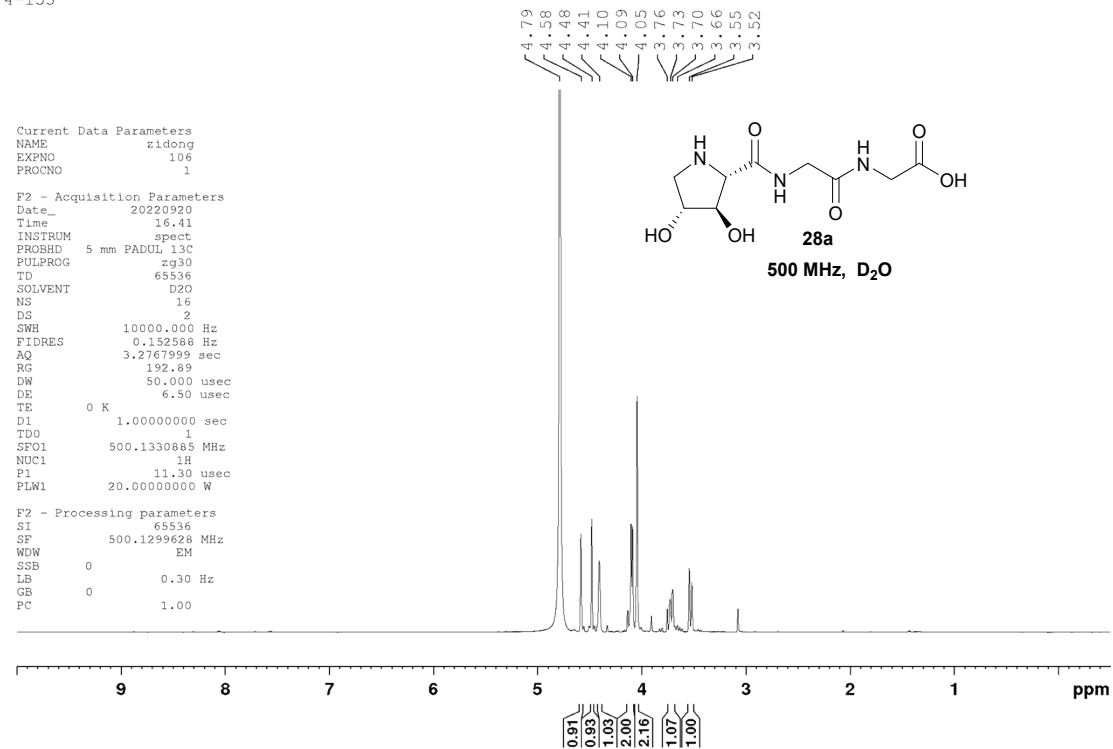


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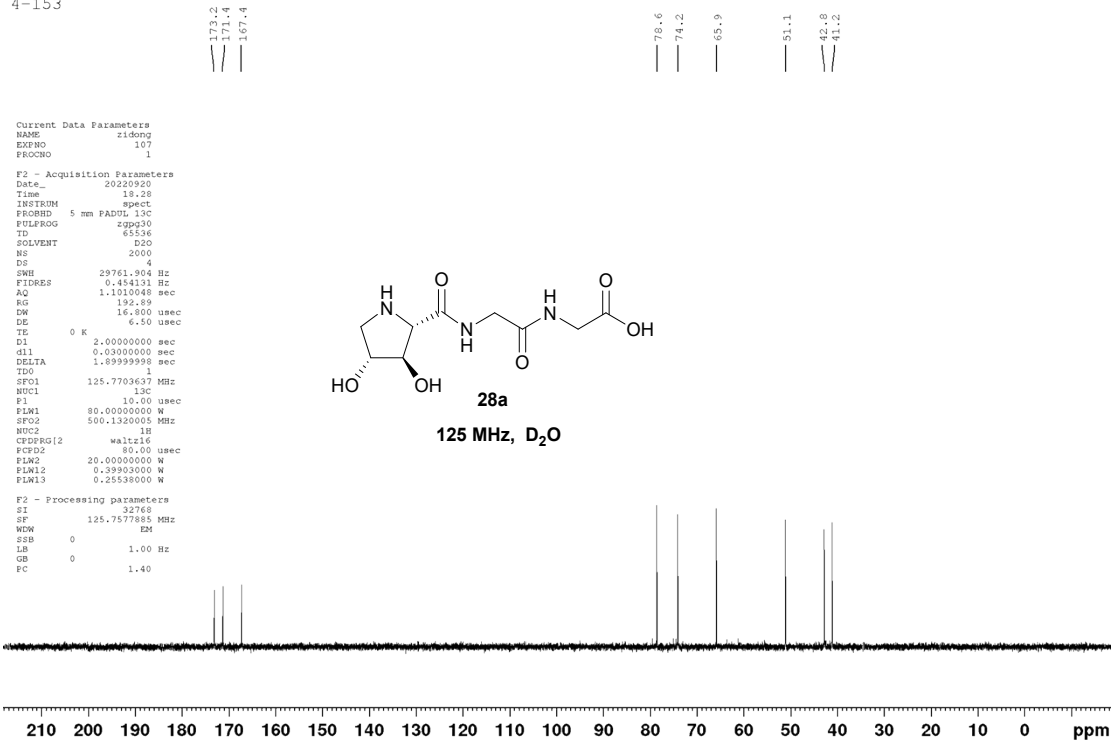


Compound 28a

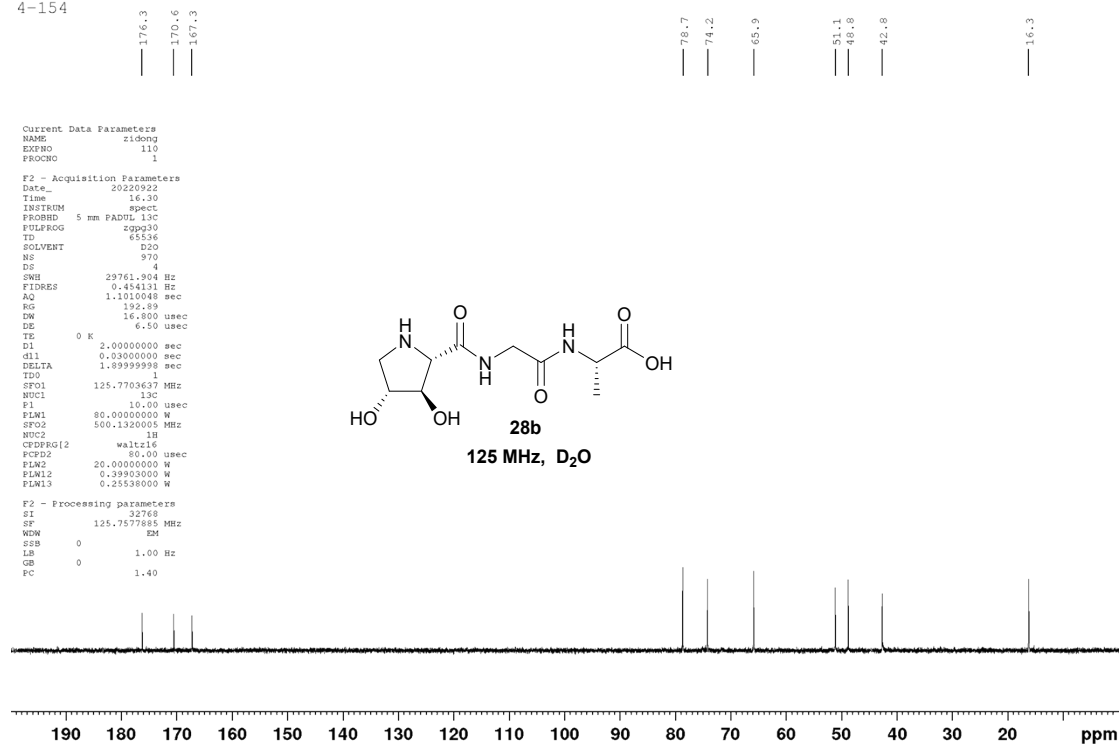
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4-153

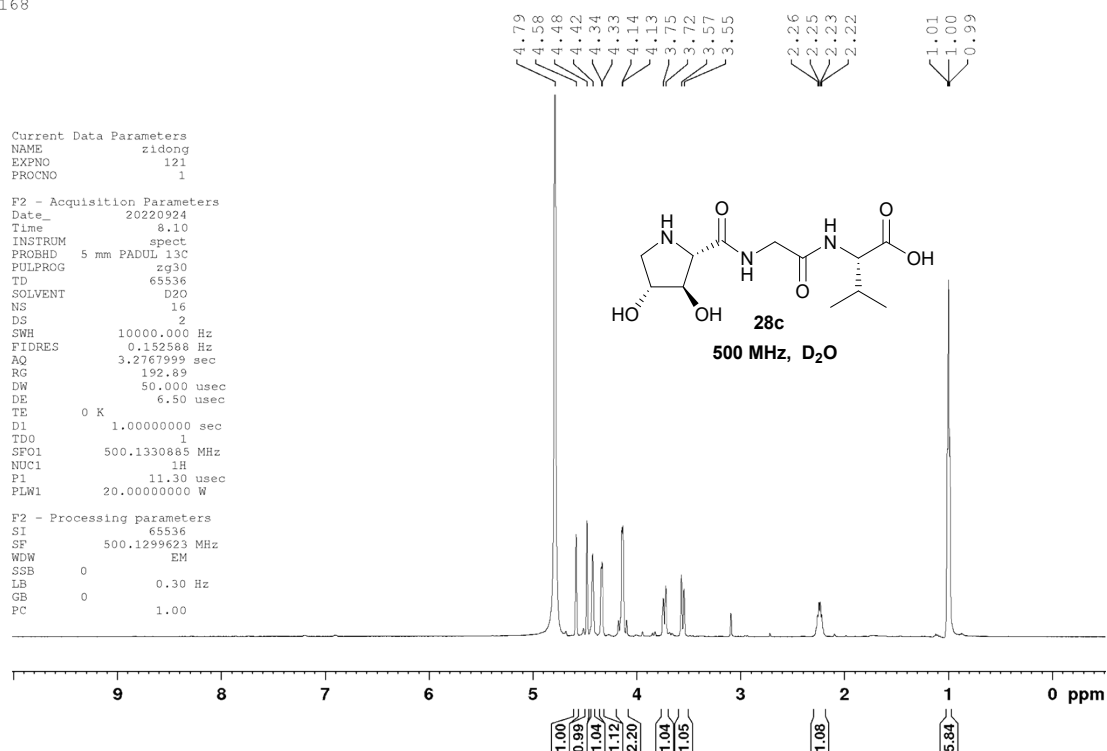


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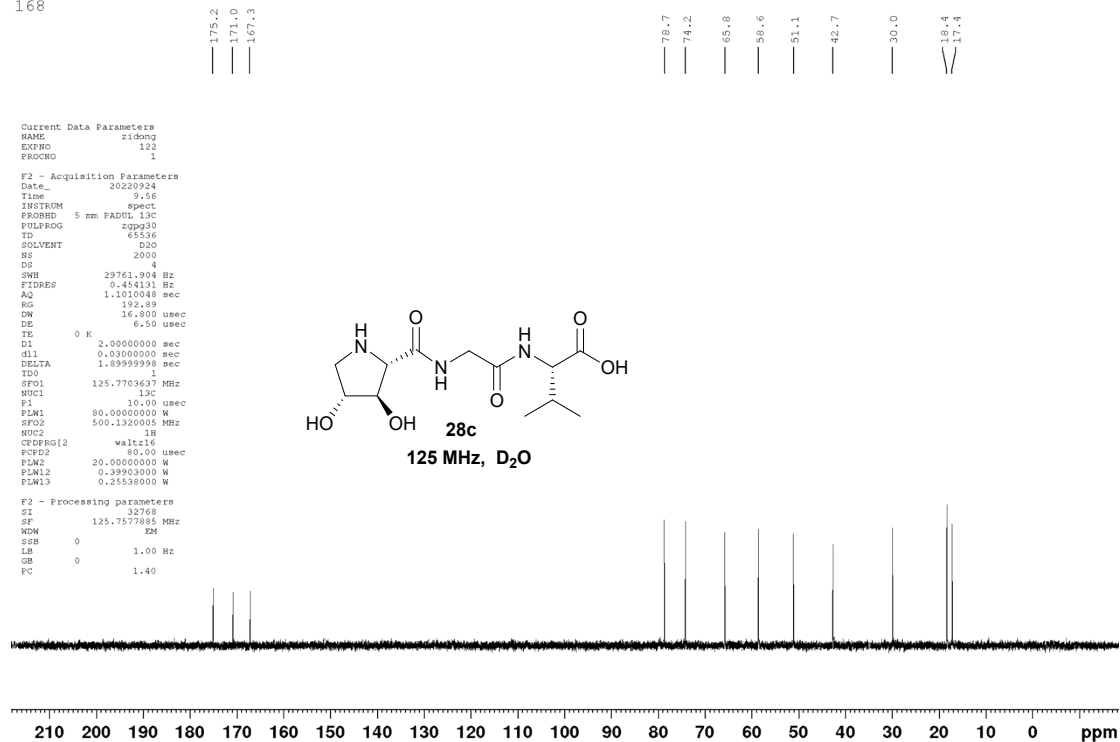


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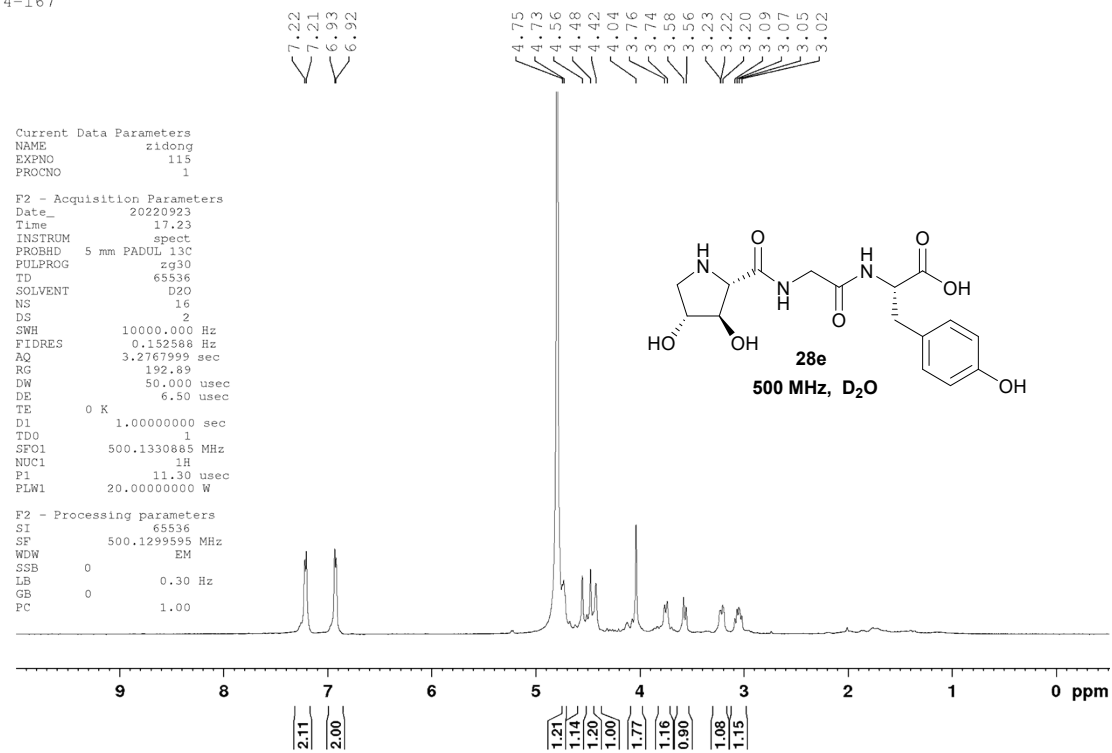


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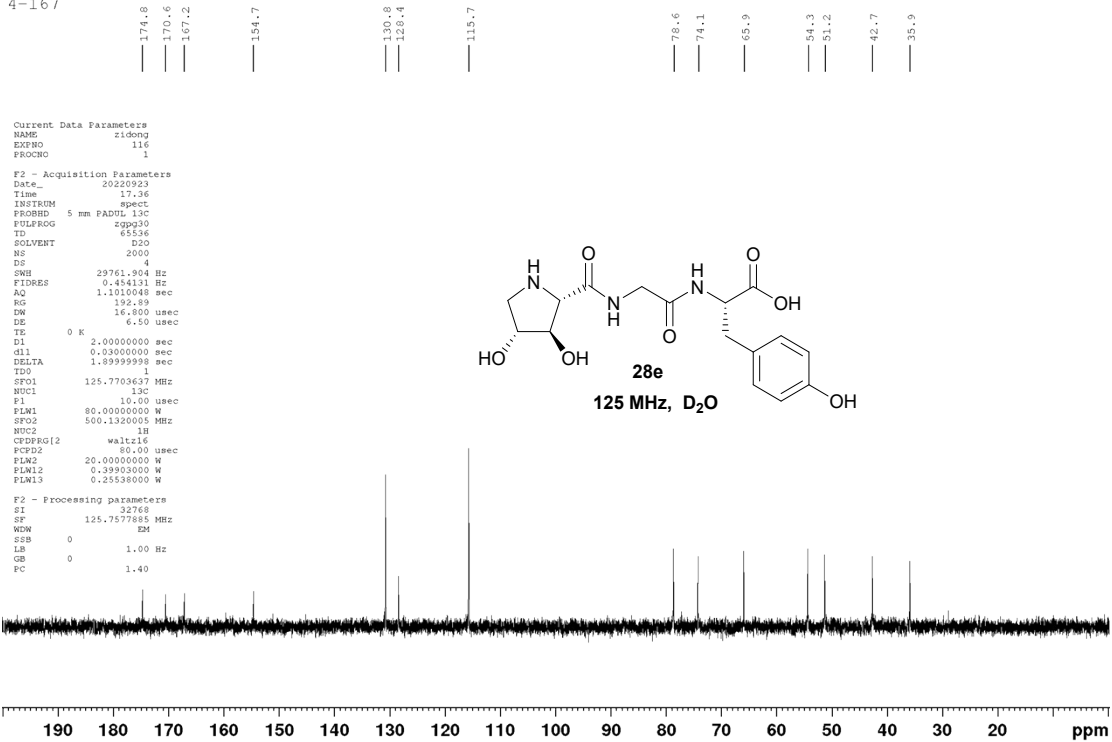


Compound 28e

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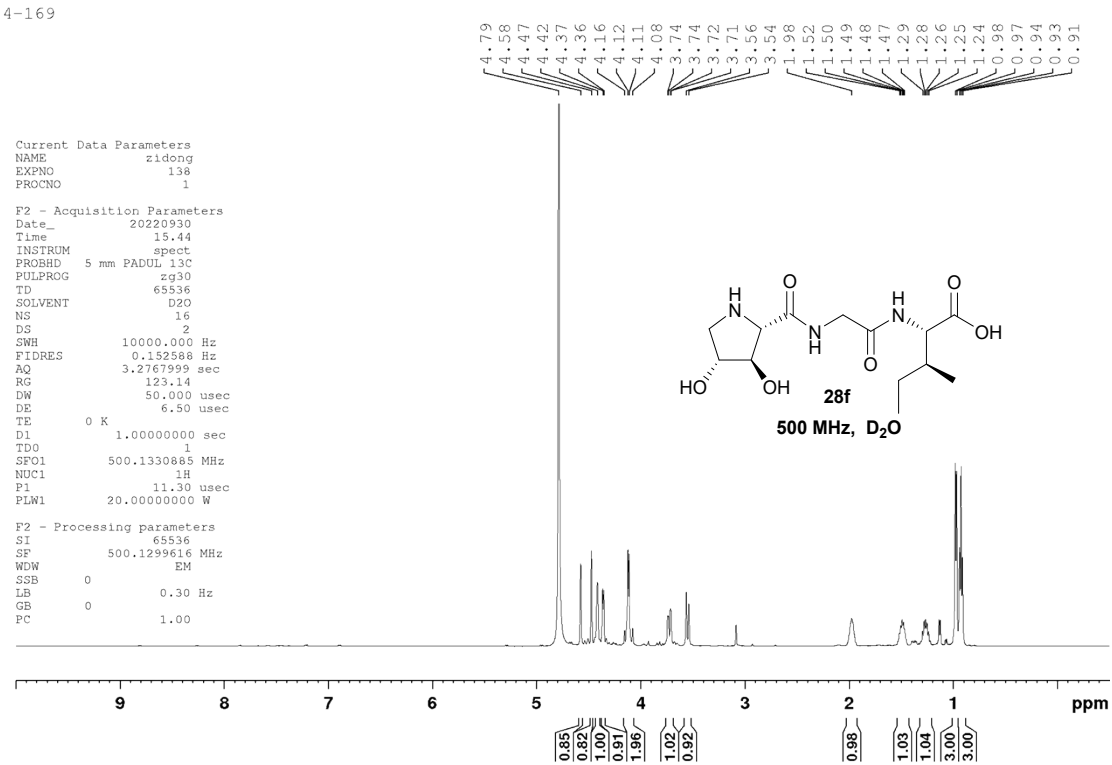


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Compound 28f

4-169

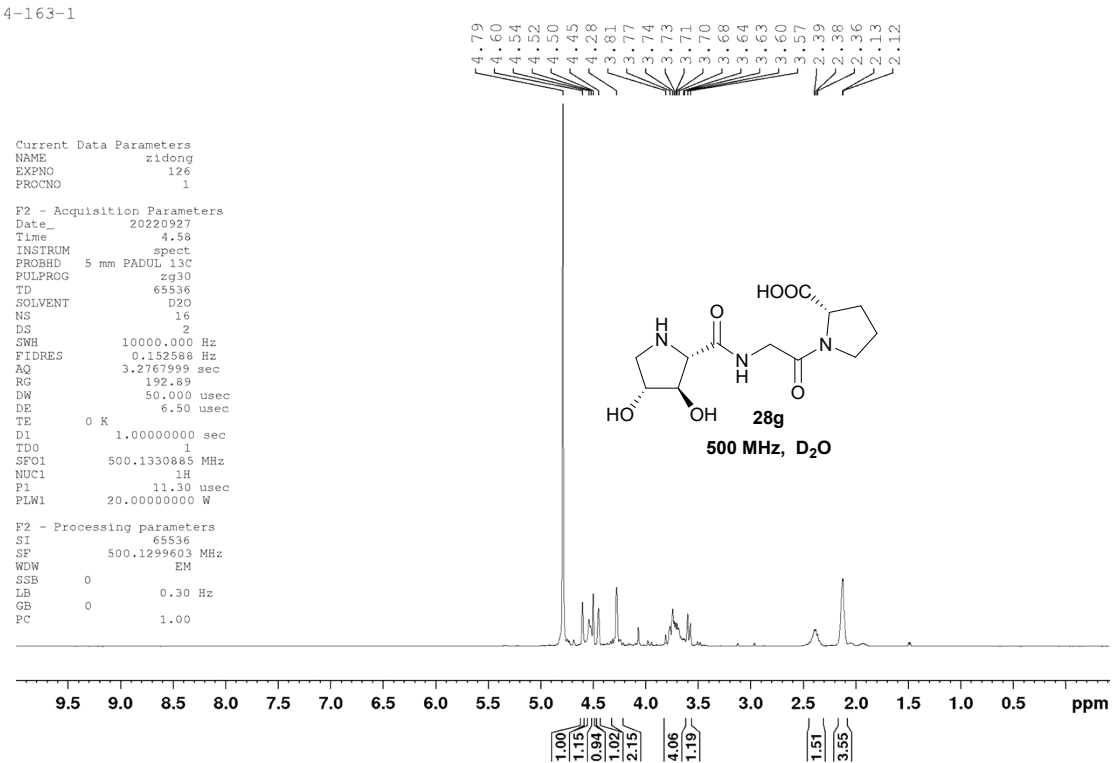


4-169



Compound 28g

4-163-1



4-163-1

