SUPPORTING INFORMATION

FOR

A GENERAL APPROACH FOR PREPARATION OF POLYMER-SUPPORTED CHIRAL ORGANOCATALYSTS VIA ACRYLIC COPOLYMERIZATION

Part II

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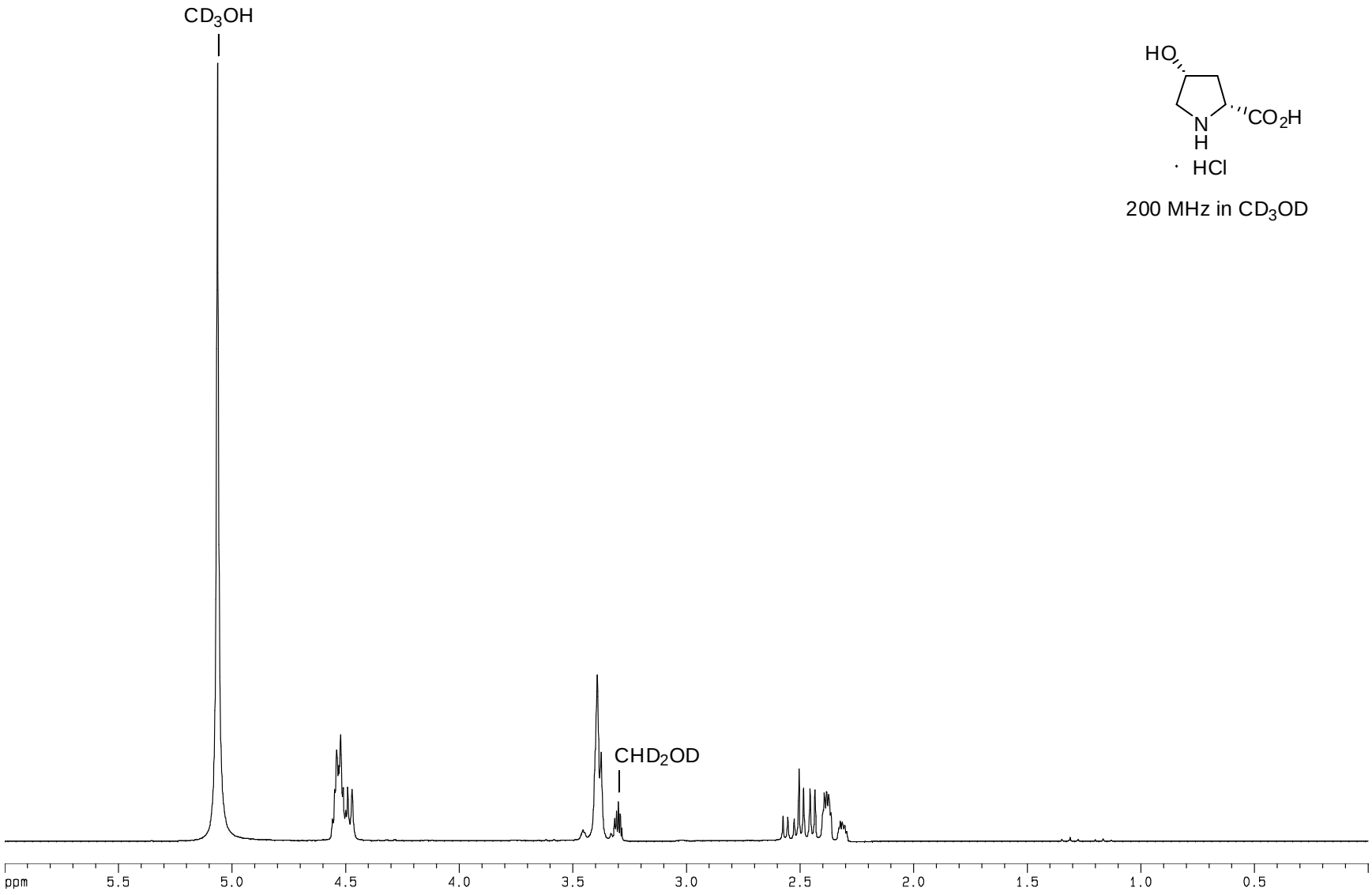
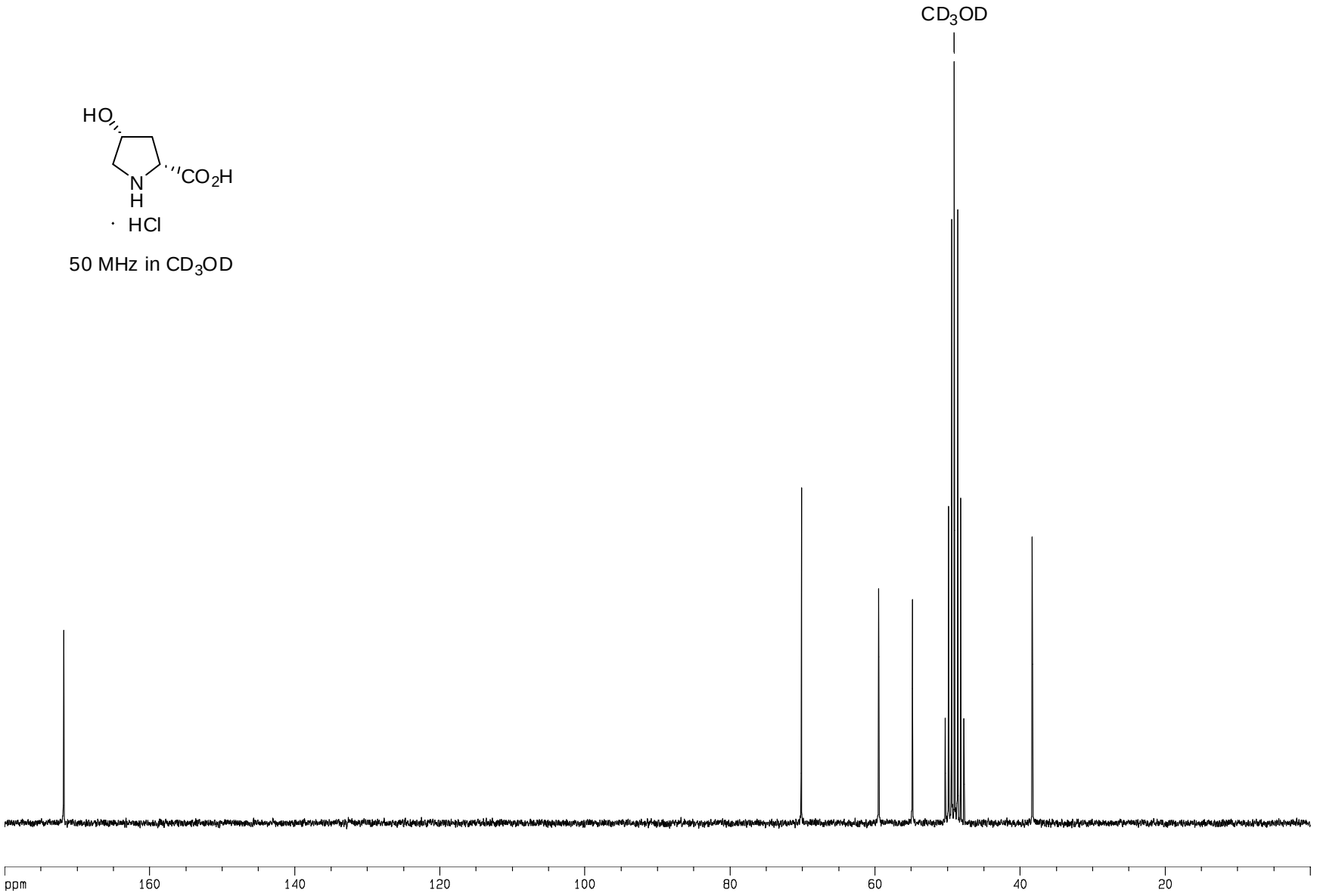
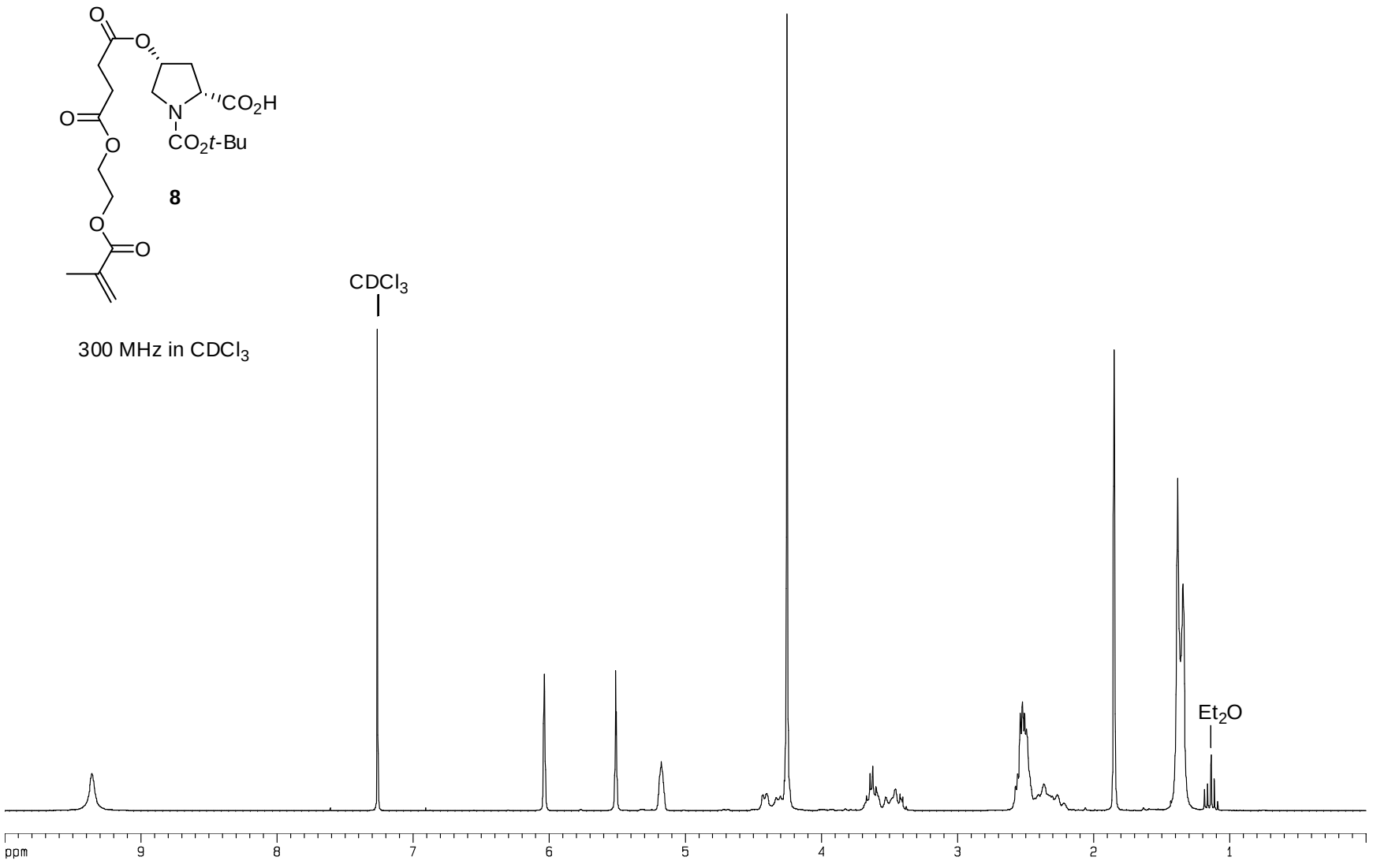


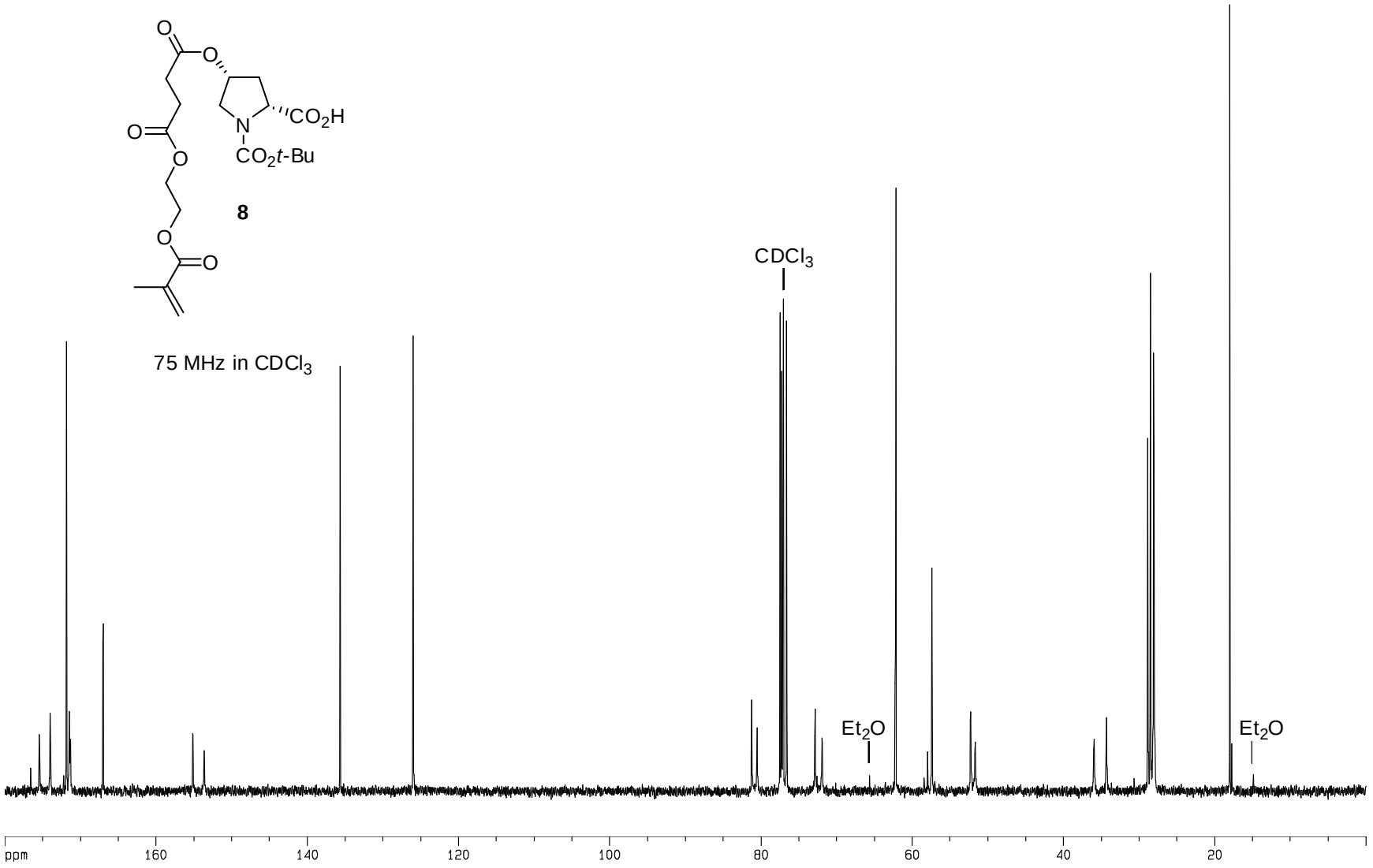
200 MHz in CD_3OD

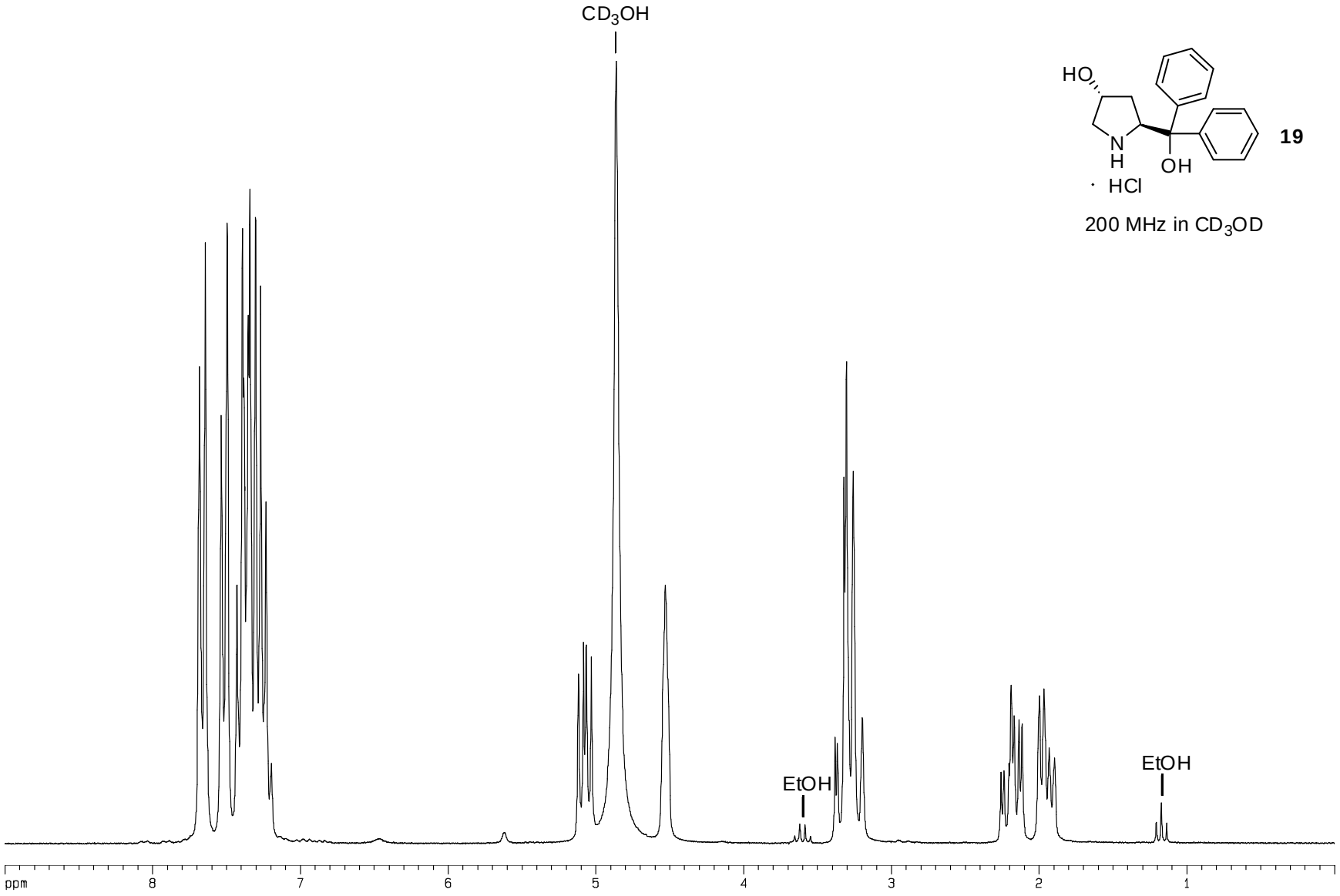

HO
CO2H
N
H
· HCl
50 MHz in CD3OD
CD3OD
ppm
160
140
120
100
80
60
40
20



8

300 MHz in $CDCl_3$


O
O
O
O
O
O
O
N
CO_2H
CO_2t-Bu
8
75 MHz in $CDCl_3$
$CDCl_3$
Et_2O
Et_2O
ppm
160
140
120
100
80
60
40
20



19

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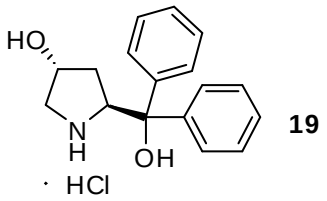

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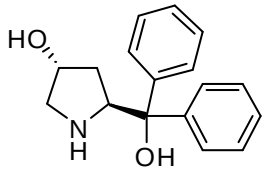
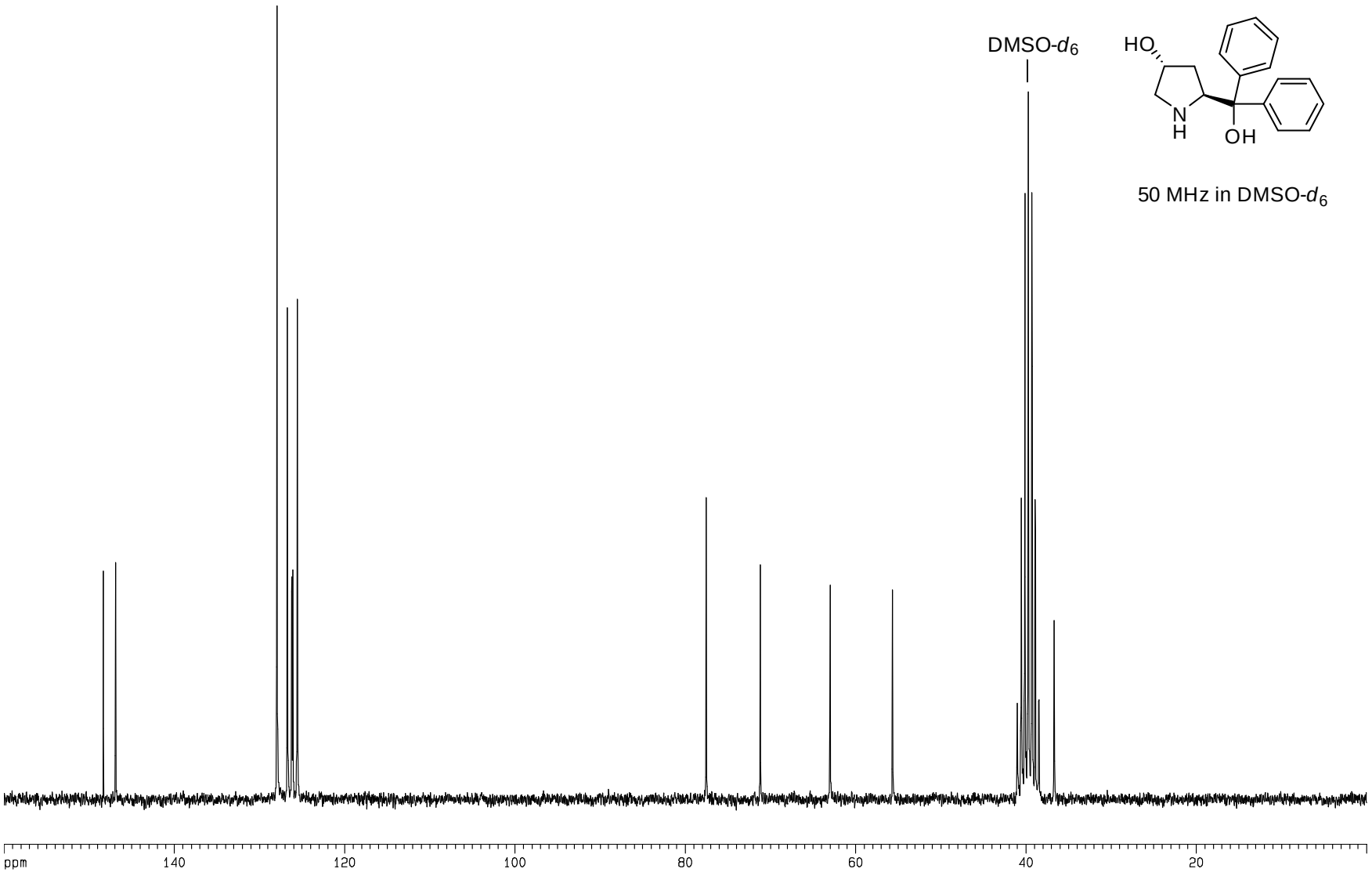
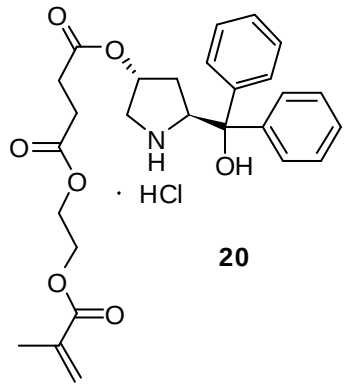
50 MHz in CD_3OD



200 MHz in DMSO-d_6


DMSO-d_6
HO
N
H
OH
50 MHz in DMSO-d_6
ppm
140
120
100
80
60
40
20



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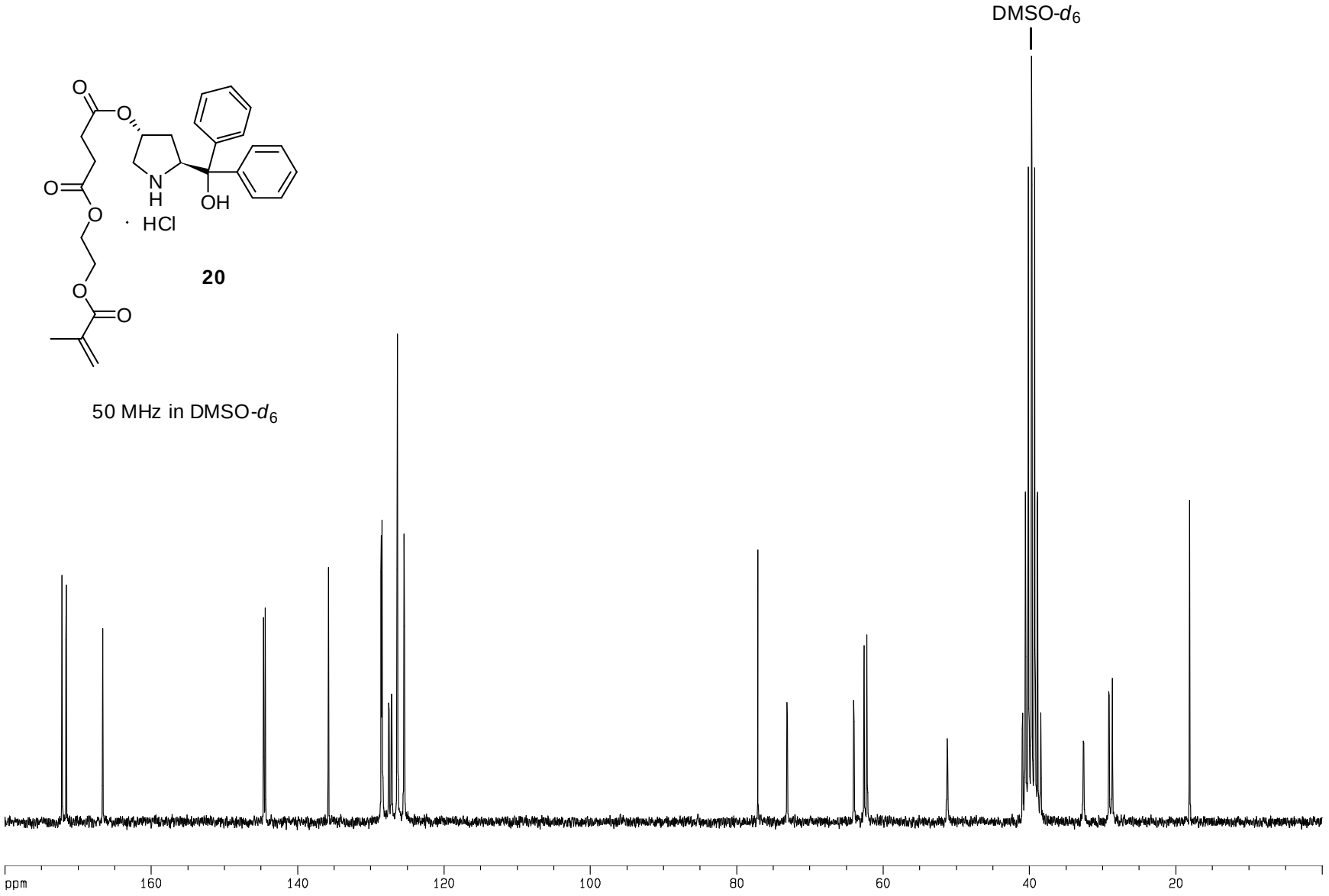
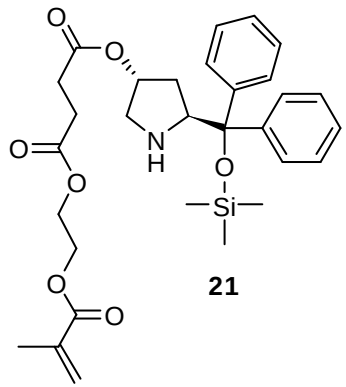
200 MHz in DMSO-d_6


DMSO-d_6
O
O
O
O
O
O
O
N
H
OH
· HCl
20
50 MHz in DMSO-d_6
ppm
160
140
120
100
80
60
40
20



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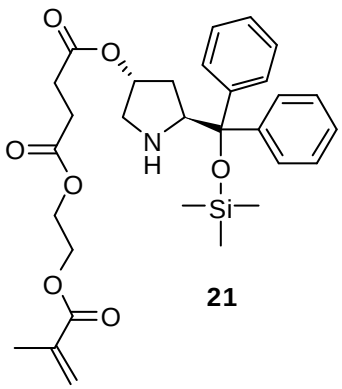
200 MHz in $CDCl_3$



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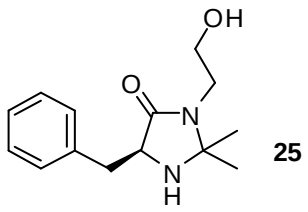
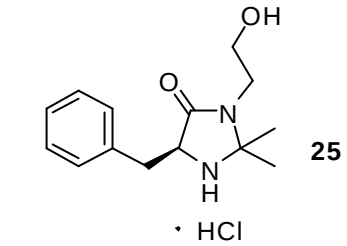


25

• HCl

200 MHz in CD_3OD



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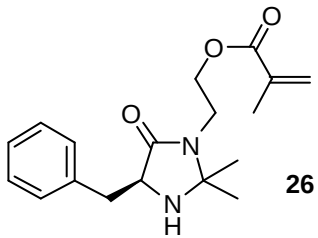
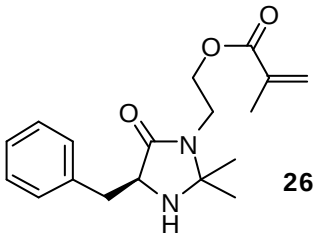
· HCl

50 MHz in CD_3OD



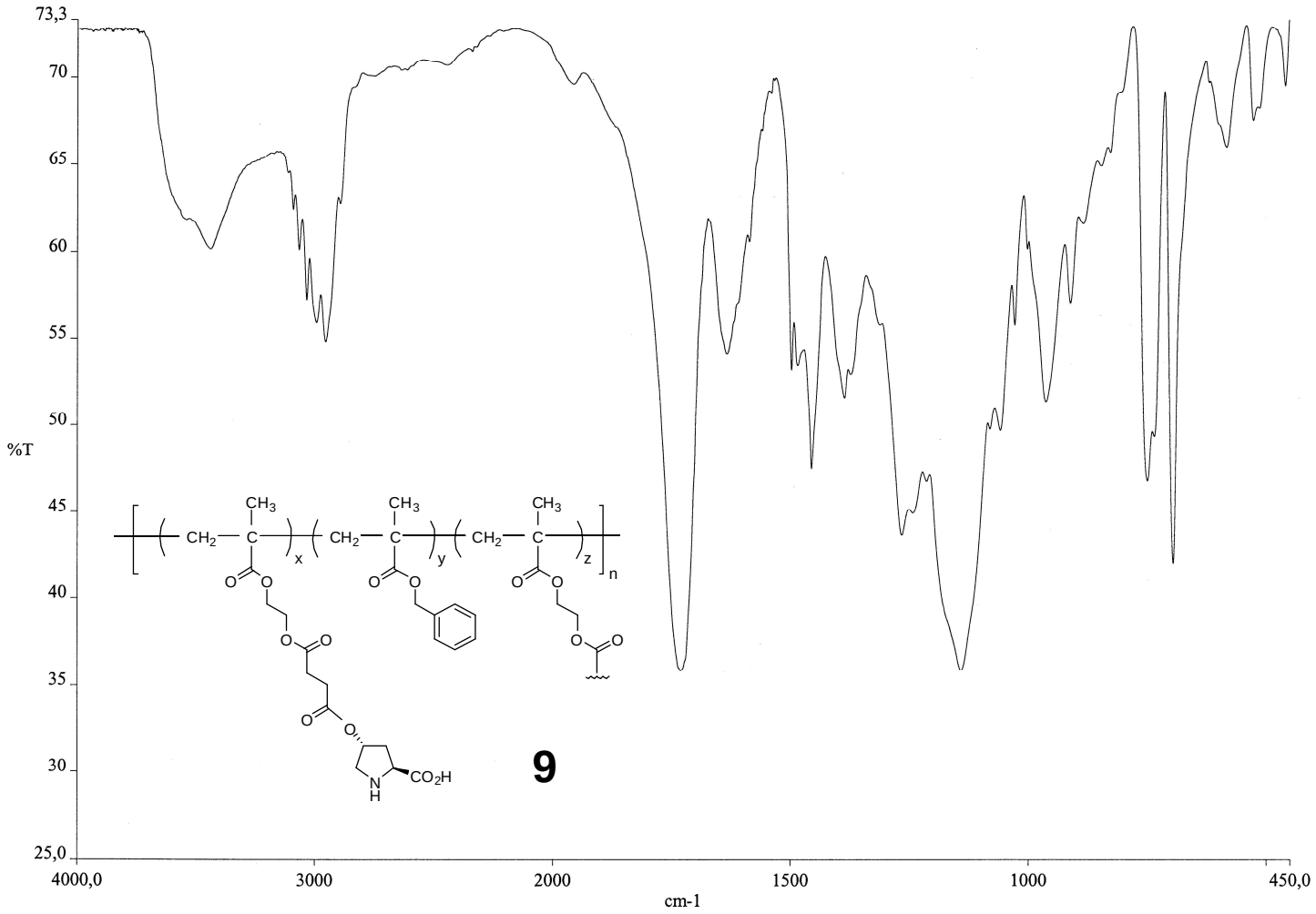
26

200 MHz in $CDCl_3$

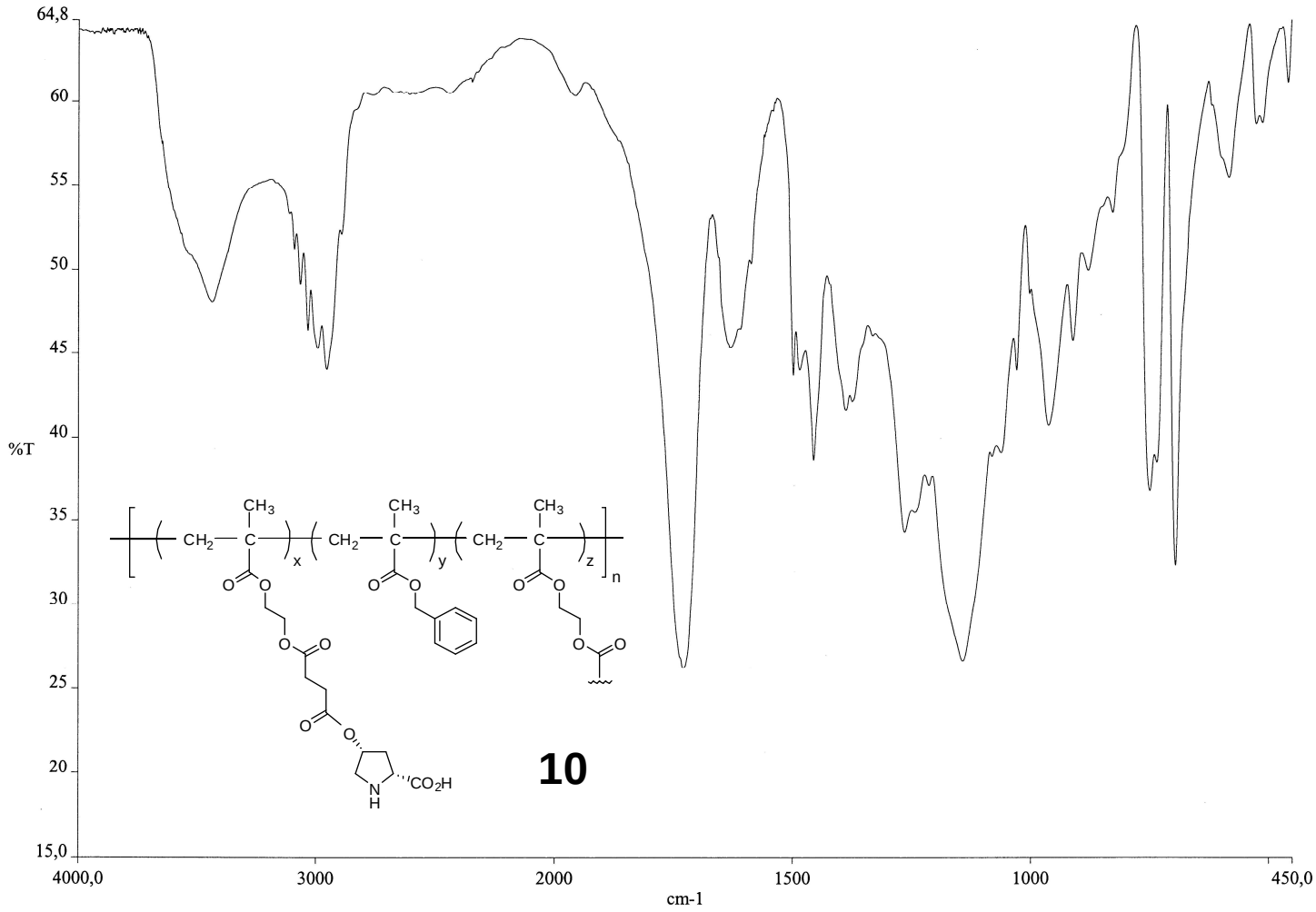


26

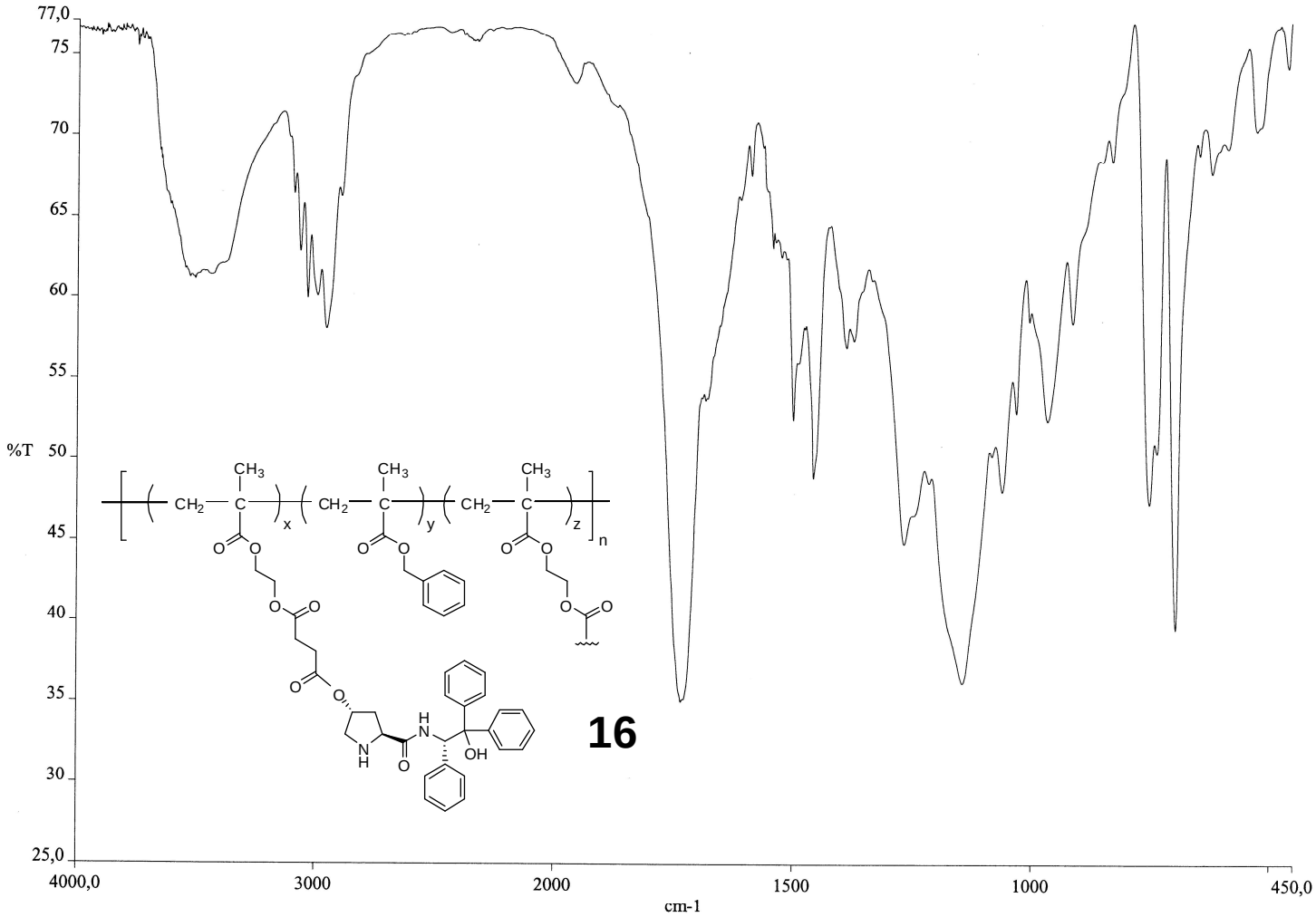
50 MHz in $CDCl_3$

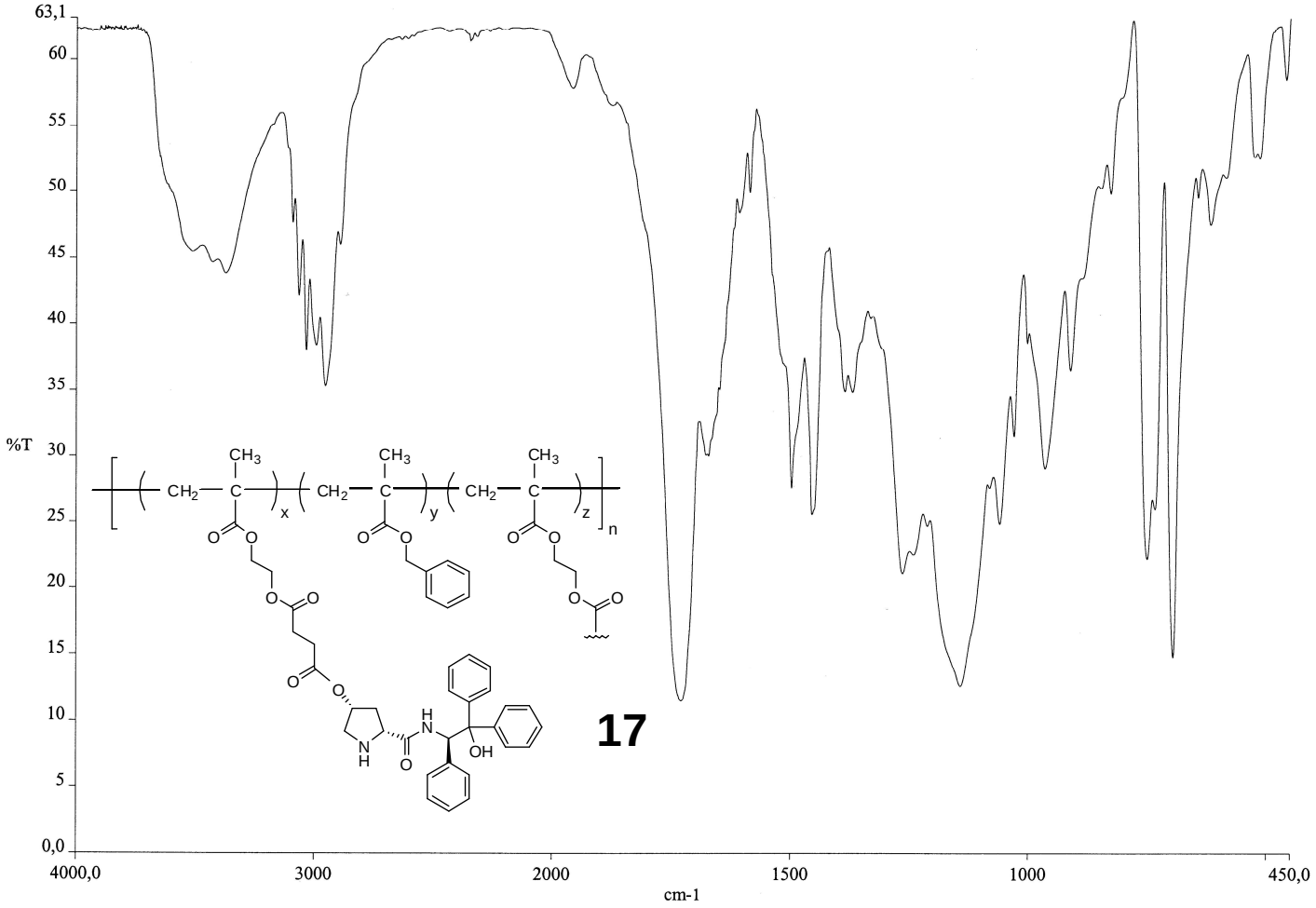

73,3
70
65
60
55
50
%T
45
40
35
30
25,0
4000,0
3000
2000
1500
1000
450,0
cm-1
CH3
CH2
C
x
y
z
n
O
CO2H
N
H

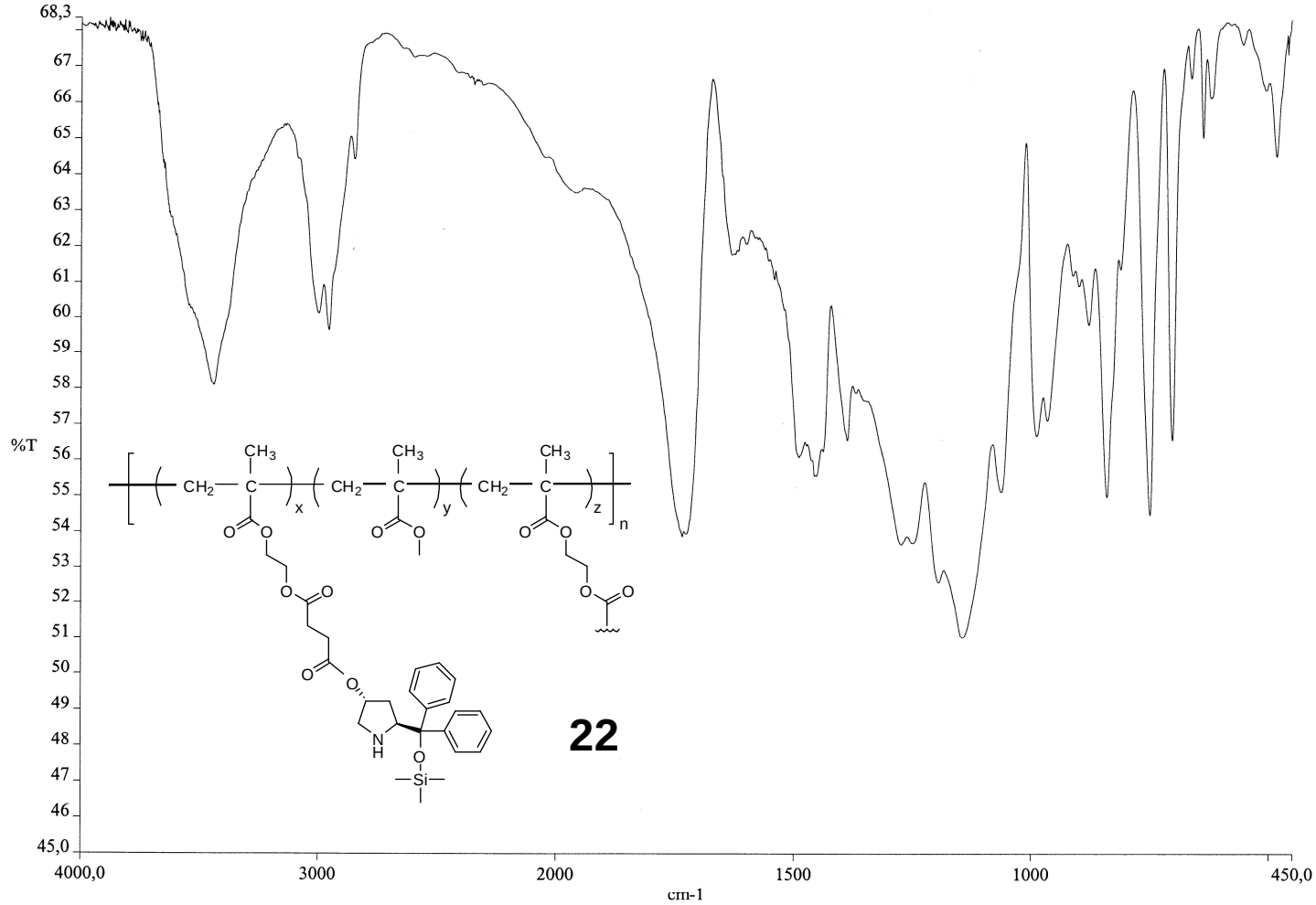
9

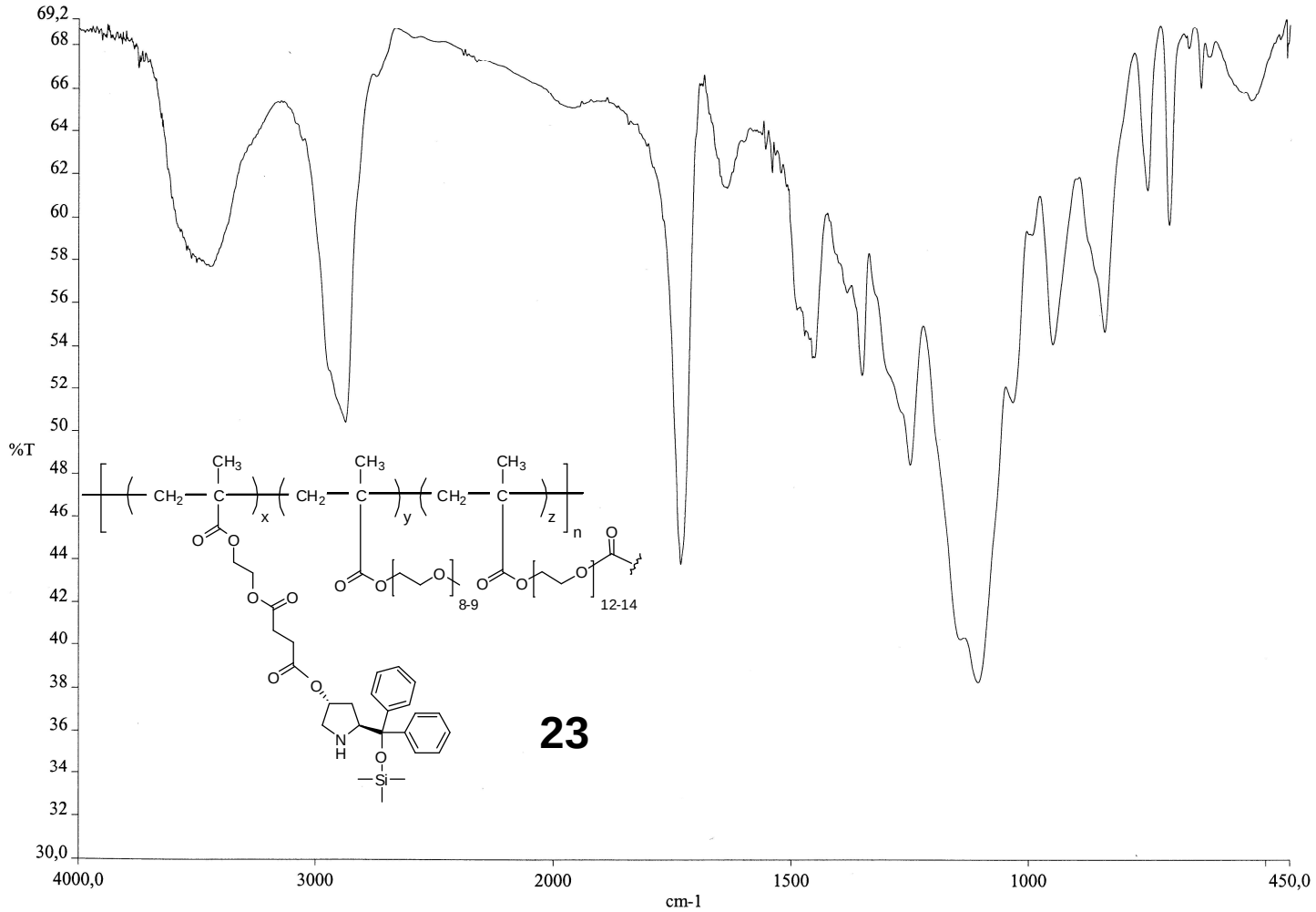

64,8
60
55
50
45
40
%T
35
30
25
20
15,0
4000,0
3000
2000
1500
1000
450,0
cm-1
CH3
CH2
C
x
y
z
n
O
N
H
CO2H

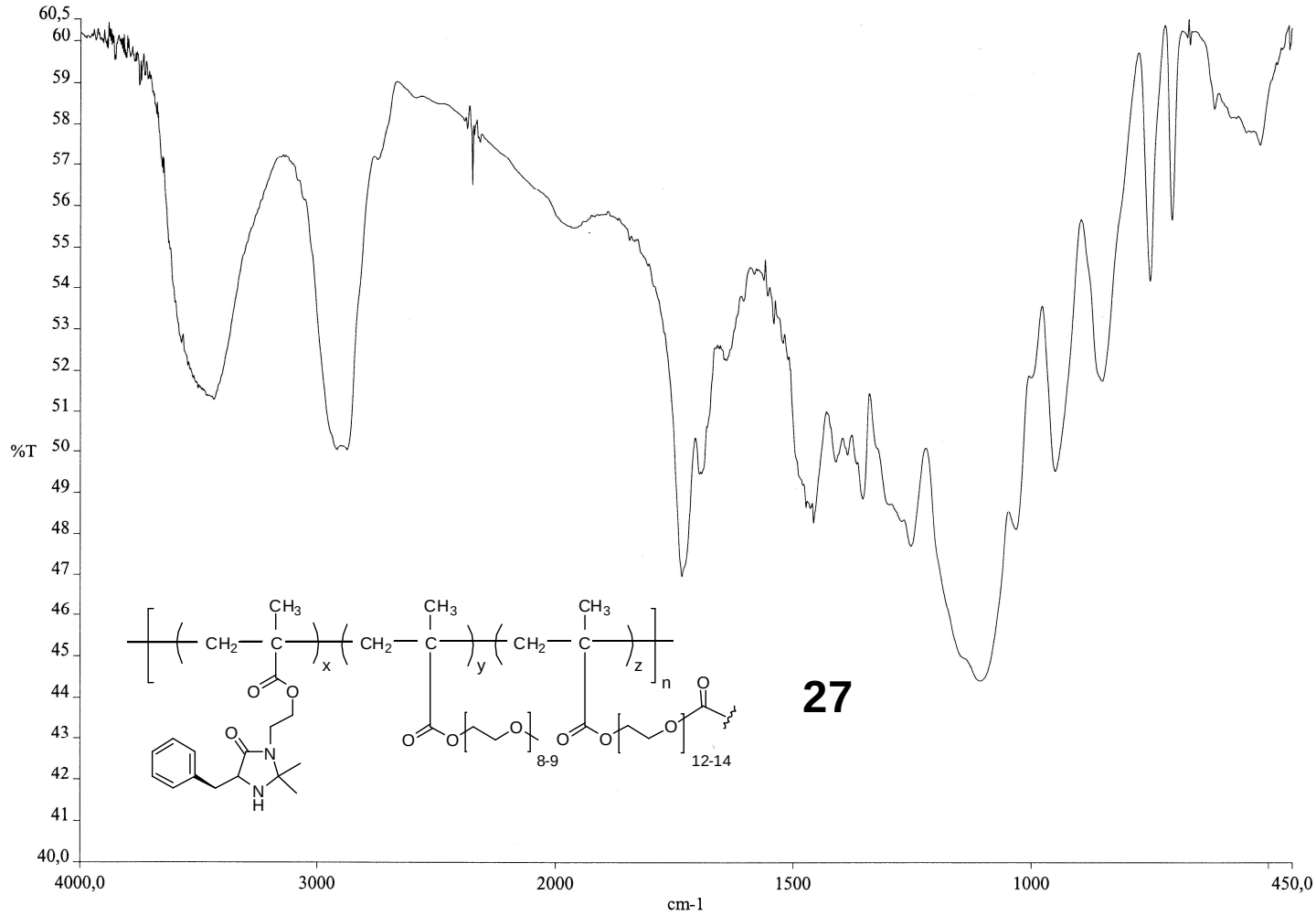
10


77,0
75
70
65
60
55
%T 50
45
40
35
30
25,0
4000,0
3000
2000
1500
1000
450,0
cm-1
16


63,1
60
55
50
45
40
35
%T
30
25
20
15
10
5
0,0
4000,0
3000
2000
1500
1000
450,0
cm-1
17


68,3
67
66
65
64
63
62
61
60
59
58
57
%T
56
55
54
53
52
51
50
49
48
47
46
45,0
4000,0
3000
2000
1500
1000
450,0
см-1
22


69,2
68
66
64
62
60
58
56
54
52
50
48
46
44
42
40
38
36
34
32
30,0
%T
4000,0
3000
2000
1500
1000
450,0
cm-1
CH3
CH2
C
x
y
z
n
8-9
12-14
O
N
H
Si
23


60,5
60
59
58
57
56
55
54
53
52
51
50
49
48
47
46
45
44
43
42
41
40,0
%T
4000,0
3000
2000
1500
1000
450,0
cm-1
CH3
CH2
C
x
y
z
n
O
N
H
8-9
12-14
27