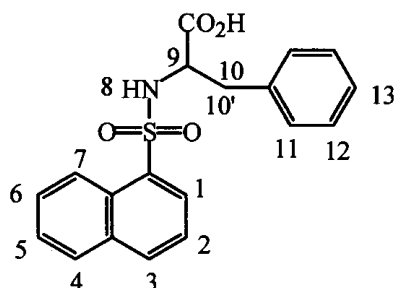


Supporting Information Contents

- S1 Complexation-induced ^1H NMR shifts of naph-D/L-phe: β -CD complexes.
- S2 Complexation-induced ^1H NMR shifts of naph-D/L-phe: γ -CD complexes.
- S3 Complexation-induced ^1H NMR shifts of naph-D/L-phe: β - and γ -CD complexes (figures).
- S4 Complexation-induced ^1H NMR shifts of dans-D/L-phe: β -CD complexes.
- S5 Complexation-induced ^1H NMR shifts of dans -D/L-phe: γ -CD complexes.
- S6 Complexation-induced ^1H NMR shifts of dans -D/L-phe: β - and γ -CD complexes (figures).
- S7 ^1H NMR shifts of naph-D/L-phe compared to model compounds.
- S8 ^1H NMR shifts of dans-D/L-phe compared to model compounds.
- S9 ^1H NMR shifts of naph- and dans-D/L-phe compared to model compounds (figures).
- S10 ^1H NMR shifts of naph-D/L-phe: β -CD complexes compared to model compounds.
- S11 ^1H NMR shifts of naph-D/L-phe: γ -CD complexes compared to model compounds.
- S12 ^1H NMR shifts of dans-D/L-phe: β -CD complexes compared to model compounds.
- S13 ^1H NMR shifts of dans-D/L-phe: γ -CD complexes compared to model compounds.
- S14 NOE's observed in naph-D/L-phe: β - and γ -CD Complexes.
- S15 NOE's observed in dans-D/L-phe: β - and γ -CD Complexes.
- S16 ^1H NMR Job plot of the dans-D-phe: γ -CD complex.
- S17 ROESY of naph-D-phe: β -CD complex.
- S18 ROESY of naph-L-phe: β -CD complex.
- S19 ROESY of naph-D-phe: γ -CD complex.
- S20 ROESY of naph-L-phe: γ -CD complex.
- S21 ROESY of dans-D-phe: β -CD complex.
- S22 ROESY of dans-L-phe: β -CD complex.
- S23 ROESY of dans-L-phe: β -CD complex (expanded).
- S24 ROESY of dans-D-phe: γ -CD complex (expanded).
- S25 ROESY of dans-L-phe: γ -CD complex.

Complexation-induced ^1H NMR shifts of naph-D/L-phe: β -CD complexes.



- NMR of the Naph-D-phe: β -CD Complex**

The proton shifts observed upon complexation with β -CD

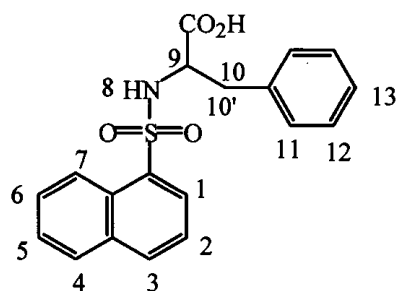
Proton	Naph-D-phe	N-D-P+ β -CD	$\Delta\delta$
1	7.89	7.94	+0.05
2	7.38	7.45	+0.07
3	7.97	8.01	+0.04
4	7.82	7.83	+0.01
5	7.46	7.52	+0.06
6	7.46	7.52	+0.06
7	8.10	8.13	+0.03
9	3.63	obscured	
10	2.80	2.99	+0.19
10'	2.45	2.46	+0.01
11	6.60	6.58	-0.02
12	6.60	6.58	-0.02
13	6.60	6.58	-0.02

- NMR of the Naph-L-phe: β -CD Complex**

The proton shifts observed upon complexation with β -CD

Proton	Naph-L-phe	N-L-P+ β -CD	$\Delta\delta$
1	7.90	7.92	+0.02
2	7.39	7.44	+0.05
3	7.98	8.00	+0.02
4	7.83	7.85	+0.02
5	7.47	7.51	+0.04
6	7.47	7.51	+0.04
7	8.11	8.08	-0.03
9	3.64	obscured	
10	2.80	3.03	+0.23
10'	2.46	2.47	+0.01
11	6.61	6.54	-0.07
12	6.61	6.54	-0.07
13	6.61	6.54	-0.07

Complexation-induced ^1H NMR shifts of naph-D/L-phe: γ -CD complexes.



- NMR of the Naph-D-phe: γ -CD Complex**

The proton shifts observed upon complexation with γ -CD

Proton	Naph-D-phe	N-D-P+ γ -CD	$\Delta\delta$
1	7.89	7.94	+0.05
2	7.38	7.39	+0.01
3	7.97	7.94	-0.03
4	7.82	7.73	-0.09
5	7.46	7.50	+0.04
6	7.46	7.50	+0.04
7	8.10	8.00	-0.10
9	3.63	obscured	
10	2.80	2.82	+0.02
10'	2.45	2.30	-0.15
11	6.60	6.38	-0.22
12	6.60	6.25	-0.35
13	6.60	6.25	-0.35

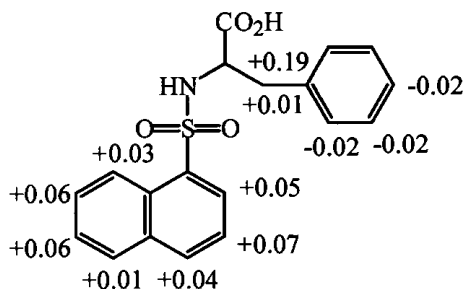
- NMR of the Naph-L-phe: γ -CD Complex**

The proton shifts observed upon complexation with γ -CD

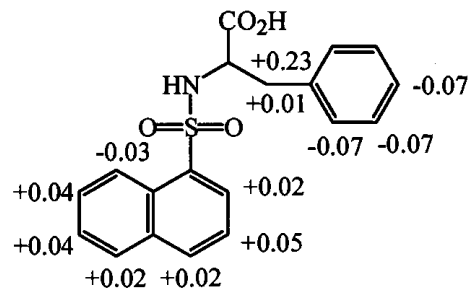
Proton	Naph-L-phe	N-L-P+ γ -CD	$\Delta\delta$
1	7.90	7.90	0.00
2	7.39	7.43	+0.04
3	7.98	7.92	-0.06
4	7.83	7.72	-0.11
5	7.47	7.50	+0.03
6	7.47	7.50	+0.03
7	8.11	8.07	-0.04
9	3.64	obscured	
10	2.80	2.81	+0.01
10'	2.46	2.32	-0.14
11	6.61	6.39	-0.22
12	6.61	6.23	-0.38
13	6.61	6.23	-0.38

Complexation-induced ^1H NMR shifts of naph-D/L-phe: β - and γ -CD complexes (figures).

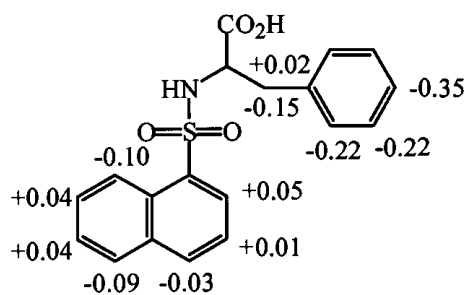
Naph-D-phe+ β CD



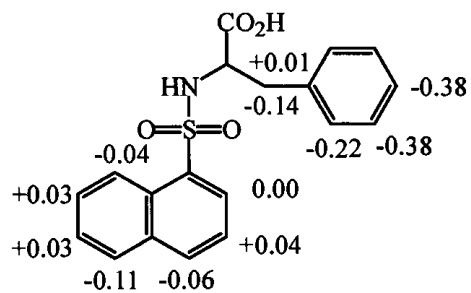
Naph-L-phe+ β CD



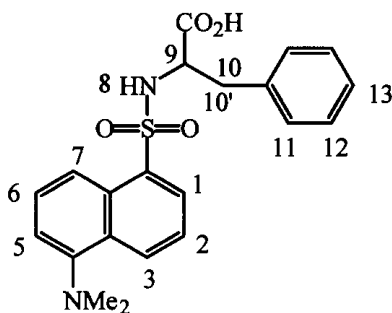
Naph-D-phe+ γ CD



Naph-L-phe+ γ CD



Complexation-induced ^1H NMR shifts of dans-D/L-phe: β -CD complexes.



- NMR of the Dans-D-phe: β -CD Complex**

The proton shifts observed upon complexation with β -CD

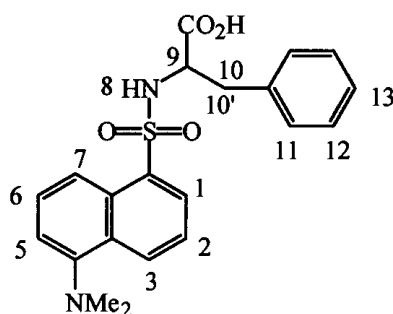
Proton	Dans-D-phe	D-D-P+ β -CD	$\Delta\delta$
1	8.06	8.07	+0.01
2	7.56	7.59	+0.03
3	8.34	8.44	+0.10
5	7.32	7.27	-0.05
6	7.48	7.59	+0.11
7	7.94	8.02	+0.08
9	3.71	obscured	
10	2.91	3.03	+0.12
10'	2.53	2.61	+0.08
11	6.71	6.82	+0.11
12	6.64	6.69	+0.05
13	6.64	6.69	+0.05

- NMR of the Dans-L-phe: β -CD Complex**

The proton shifts observed upon complexation with β -CD

Proton	Dans-L-phe	D-L-P+ β -CD	$\Delta\delta$
1	8.06	8.10	+0.04
2	7.56	7.64	+0.08
3	8.34	8.45	+0.11
5	7.32	7.28	-0.04
6	7.48	7.56	+0.08
7	7.94	8.00	+0.06
9	3.71	obscured	?
10	2.91	2.94	+0.03
10'	2.53	2.42	-0.11
11	6.71	6.81	+0.10
12	6.64	6.65	+0.01
13	6.64	6.65	+0.01

Complexation-induced ^1H NMR shifts of dans-D/L-phe: γ -CD complexes.



• NMR of the Dans-D-phe: γ -CD Complex

The proton shifts observed upon complexation with γ -CD

Proton	Dans-D-phe	D-D-P+ γ CD	$\Delta\delta$
1	8.06	8.07	+0.01
2	7.56	7.57	+0.01
3	8.34	8.37	+0.03
5	7.32	7.29	-0.03
6	7.48	7.61	+0.13
7	7.94	7.82	-0.12
9	3.71	obscured	
10	2.91	2.93	+0.02
10'	2.53	2.37	-0.15
11	6.71	6.57	-0.14
12	6.64	6.37	-0.27
13	6.64	6.37	-0.27

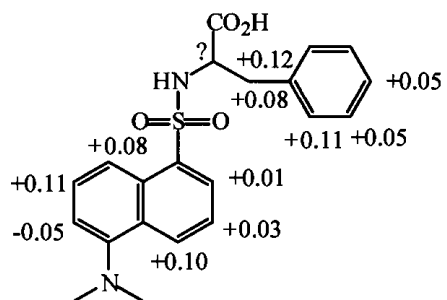
• NMR of the Dans-L-phe: γ -CD Complex

The proton shifts observed upon complexation with γ -CD

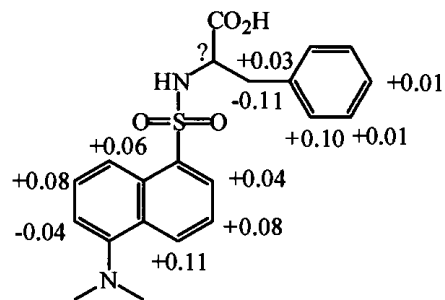
Proton	Dans-L-phe	D-L-P+ γ CD	$\Delta\delta$
1	8.06	8.03	-0.03
2	7.56	7.57	+0.01
3	8.34	8.33	-0.01
5	7.32	7.30	-0.02
6	7.48	7.60	+0.12
7	7.94	7.94	0.00
9	3.71	obscured	
10	2.91	3.00	+0.09
10'	2.53	2.58	+0.05
11	6.71	6.59	-0.12
12	6.64	6.38	-0.26
13	6.64	6.38	-0.26

Complexation-induced ^1H NMR shifts of dans-D/L-phe: β - and γ -CD complexes (figures).

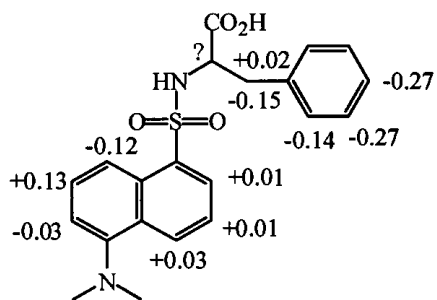
Dans-D-phe+ β -CD



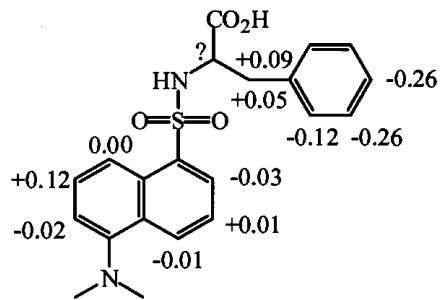
Dans-L-phe+ β -CD



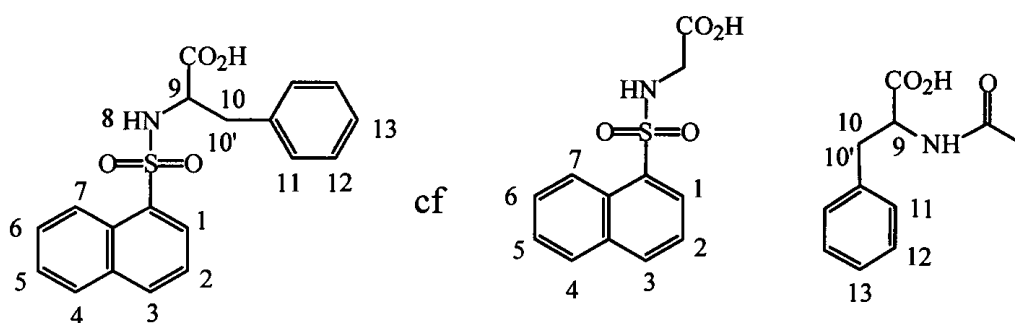
Dans-D-phe+ γ -CD



Dans-L-phe+ γ -CD



¹H NMR shifts of naph-D/L-phe compared to model compounds.



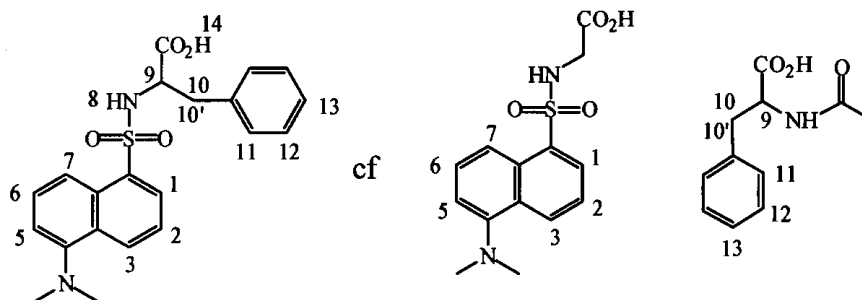
• **Naph-D-phe c.f. (naph-gly and phe-ac)**

Proton	N-D-P	Models	$\Delta\delta$
1	7.89	8.08 or 8.07	-0.19 or -0.18
2	7.38	7.48	-0.10
3	7.97	8.08 or 8.07	-0.11 or -0.10
4	7.82	7.93	-0.11
5	7.46	7.54	-0.08
6	7.46	7.62	-0.16
7	8.10	8.43	-0.33
9	3.63	4.27	-0.64
10	2.80	3.02	-0.22
10'	2.45	2.74	-0.29
11	6.60	7.24 to 7.10	-0.64 to -0.50
12	6.60	7.24 to 7.10	-0.64 to -0.50
13	6.60	7.24 to 7.10	-0.64 to -0.50

• **Naph-L-phe c.f. (naph-gly and phe-ac)**

Proton	N-L-P	Models	$\Delta\delta$
1	7.90	8.08 or 8.07	-0.18 or -0.17
2	7.39	7.48	-0.09
3	7.98	8.08 or 8.07	-0.10 or -0.09
4	7.83	7.93	-0.10
5	7.47	7.54	-0.07
6	7.47	7.62	-0.15
7	8.11	8.43	-0.32
9	3.64	4.27	-0.63
10	2.80	3.02	-0.22
10'	2.46	2.74	-0.28
11	6.61	7.24 to 7.10	-0.63 to -0.49
12	6.61	7.24 to 7.10	-0.63 to -0.49
13	6.61	7.24 to 7.10	-0.63 to -0.49

¹H NMR shifts of dans-D/L-phe compared to model compounds



- **Dans-D-phe c.f. (dans-gly and phe-ac)**

Proton	D-D-P	Models	$\Delta\delta$
1	8.06	8.24	-0.18
2	7.56	7.68	-0.12
3	8.34	8.49	-0.15
5	7.32	7.41	-0.09
6	7.48	7.70	-0.22
7	7.94	8.31	-0.37
9	3.71	4.27	-0.56
10	2.91	3.02	-0.11
10'	2.53	2.74	-0.21
11	6.71	7.24 to 7.10	-0.53 to -0.39
12	6.64	7.24 to 7.10	-0.60 to -0.46
13	6.64	7.24 to 7.10	-0.60 to -0.46

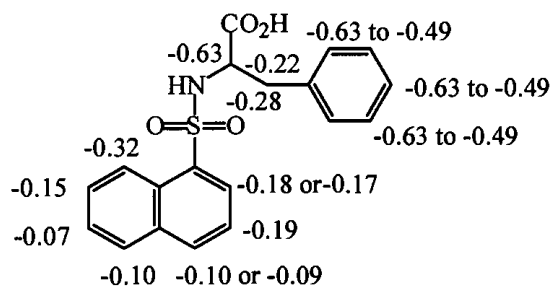
- **Dans-L-phe c.f. (dans-gly and phe-ac)**

Proton	D-L-P	Models	$\Delta\delta$
1	8.06	8.24	-0.18
2	7.56	7.68	-0.12
3	8.34	8.49	-0.15
5	7.32	7.41	-0.09
6	7.48	7.70	-0.22
7	7.94	8.31	-0.37
9	3.71	4.27	-0.56
10	2.91	3.02	-0.11
10'	2.53	2.74	-0.21
11	6.71	7.24 to 7.10	-0.53 to -0.39
12	6.64	7.24 to 7.10	-0.60 to -0.46
13	6.64	7.24 to 7.10	-0.60 to -0.46

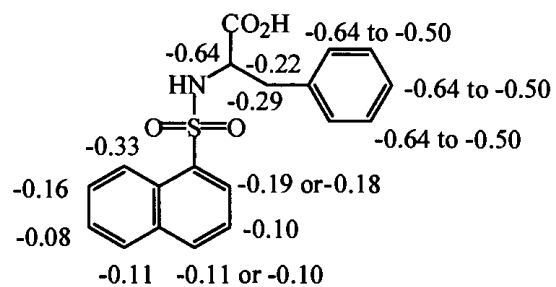
^1H NMR shifts of naph- and dans- D/L-phe compared to model compounds (figures).

Naph-D/L-phe c.f. Models

naph-L-phe cf models

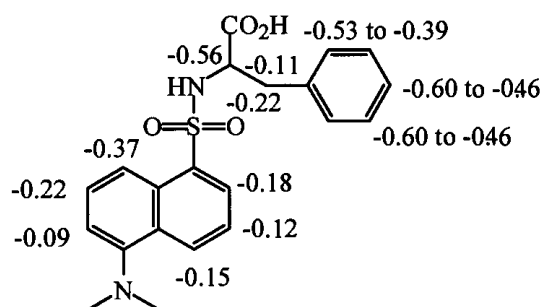


naph-D-phe cf models

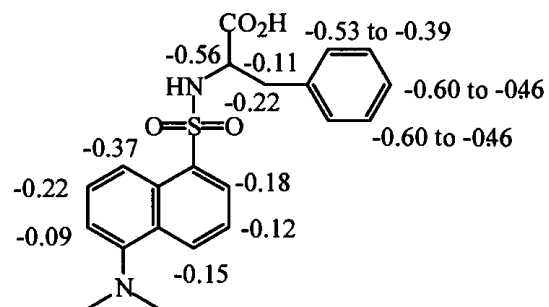


Dans-D/L-phe c.f. Models

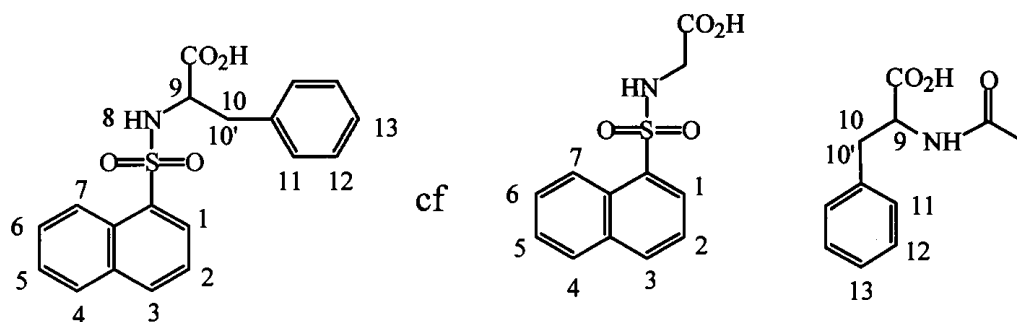
dans-L-phe cf models



dans-D-phe cf models



^1H NMR shifts of naph-D/L-phe: β -CD complexes compared to model compounds



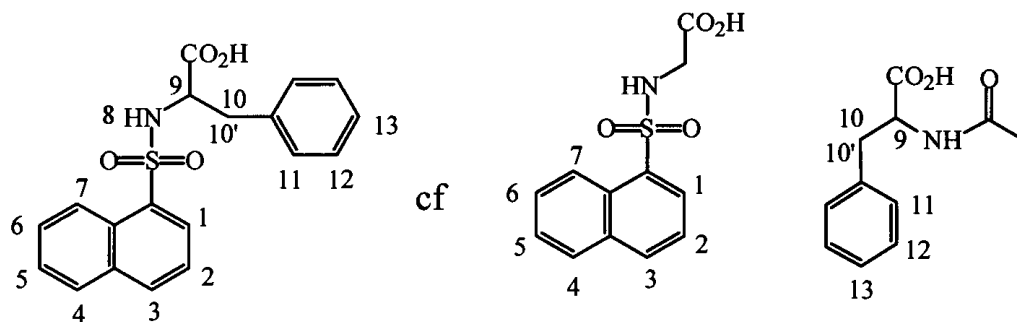
• **Naph-D-phe + β -CD c.f. (naph-gly and phe-ac)**

Proton	N-D-P+ β -CD	Models	$\Delta\delta$
1	7.94	8.08 or 8.07	-0.14 or -0.13
2	7.45	7.48	-0.03
3	8.00	8.08 or 8.07	-0.08 or -0.07
4	7.85	7.93	-0.08
5	7.51	7.54	-0.03
6	7.51	7.62	-0.11
7	8.08	8.43	-0.35
9	obscured	4.27	
10	3.03	3.02	+0.01
10'	2.47	2.74	-0.27
11	6.54	7.24 to 7.10	-0.70 to -0.56
12	6.54	7.24 to 7.10	-0.70 to -0.56
13	6.54	7.24 to 7.10	-0.70 to -0.56

• **Naph-L-phe + β -CD c.f. (naph-gly and phe-ac)**

Proton	N-L-P+ β -CD	Models	$\Delta\delta$
1	7.92	8.08 or 8.07	-0.16 or -0.15
2	7.44	7.48	-0.04
3	8.00	8.08 or 8.07	-0.08 or -0.07
4	7.85	7.93	-0.08
5	7.51	7.54	-0.03
6	7.51	7.62	-0.11
7	8.08	8.43	-0.35
9	obscured	4.27	
10	3.03	3.02	+0.01
10'	2.47	2.74	-0.27
11	6.54	7.24 to 7.10	-0.70 to -0.56
12	6.54	7.24 to 7.10	-0.70 to -0.56
13	6.54	7.24 to 7.10	-0.70 to -0.56

^1H NMR shifts of naph-D/L-phe: γ -CD complexes compared to model compounds



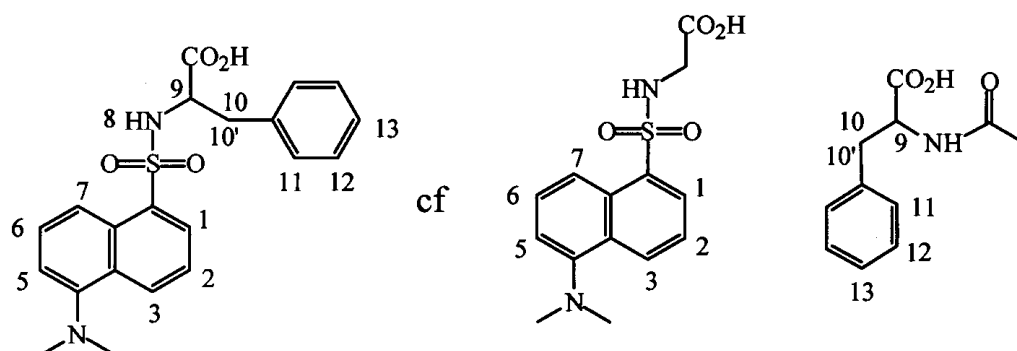
• **Naph-D-phe + γ -CD c.f. (naph-gly and phe-ac)**

Proton	N-D-P+ γ -CD	Models	$\Delta\delta$
1	7.94	8.08 or 8.07	-0.14 or -0.13
2	7.39	7.48	-0.09
3	7.94	8.08 or 8.07	-0.14 or -0.13
4	7.73	7.93	-0.20
5	7.50	7.54	-0.04
6	7.50	7.62	-0.12
7	8.00	8.43	-0.43
9	obscured	4.27	
10	2.82	3.02	-0.20
10'	2.30	2.74	-0.44
11	6.38	7.24 to 7.10	-0.86 to -0.72
12	6.25	7.24 to 7.10	-0.99 to -0.85
13	6.25	7.24 to 7.10	-0.99 to -0.85

• **Naph-L-phe + γ -CD c.f. (naph-gly and phe-ac)**

Proton	N-L-P+ γ -CD	Models	$\Delta\delta$
1	7.90	8.08 or 8.07	-0.18 or -0.17
2	7.43	7.48	-0.05
3	7.92	8.08 or 8.07	-0.16 or -0.15
4	7.72	7.93	-0.21
5	7.50	7.54	-0.04
6	7.50	7.62	-0.12
7	8.07	8.43	-0.36
9	obscured	4.27	
10	2.81	3.02	-0.21
10'	2.32	2.74	-0.42
11	6.39	7.24 to 7.10	-0.85 to -0.71
12	6.23	7.24 to 7.10	-1.01 to -0.87
13	6.23	7.24 to 7.10	-1.01 to -0.87

^1H NMR shifts of dans-D/L-phe: β -CD complexes compared to model compounds



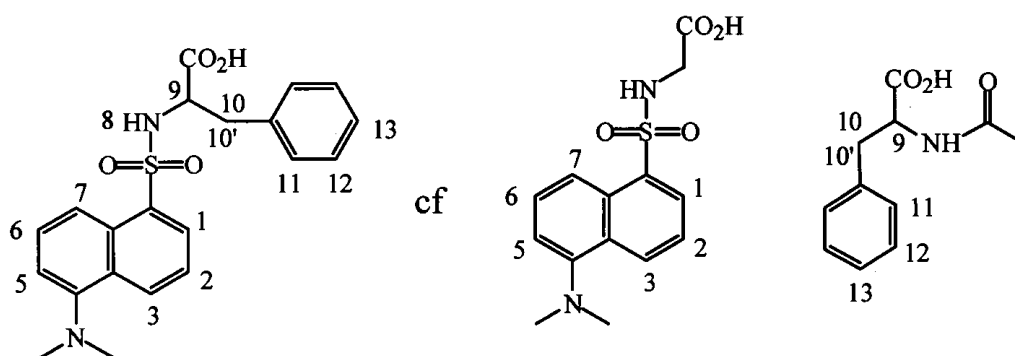
• **Dans-D-phe + β -CD c.f. (dans-gly and phe-ac)**

Proton	N-D-P+ β -CD	Models	$\Delta\delta$
1	8.07	8.24	-0.17
2	7.59	7.68	-0.09
3	8.44	8.49	-0.05
5	7.27	7.41	-0.14
6	7.59	7.70	-0.11
7	8.02	8.31	-0.29
9	obscured	4.27	
10	3.03	3.02	+0.01
10'	2.61	2.74	-0.13
11	6.82	7.24 to 7.10	-0.42 to -0.28
12	6.69	7.24 to 7.10	-0.55 to -0.41
13	6.69	7.24 to 7.10	-0.55 to -0.41

• **Dans-L-phe + β -CD c.f. (dans-gly and phe-ac)**

Proton	D-L-P+ β -CD	Models	$\Delta\delta$
1	8.10	8.24	-0.14
2	7.64	7.68	-0.04
3	8.45	8.49	-0.04
5	7.28	7.41	-0.13
6	7.56	7.70	-0.16
7	8.00	8.31	-0.31
9	obscured	4.27	
10	2.94	3.02	-0.08
10'	2.42	2.74	-0.32
11	6.81	7.24 to 7.10	-0.43 to -0.29
12	6.65	7.24 to 7.10	-0.59 to -0.45
13	6.65	7.24 to 7.10	-0.59 to -0.45

¹H NMR shifts of dans-D/L-phe:γ-CD complexes compared to model compounds



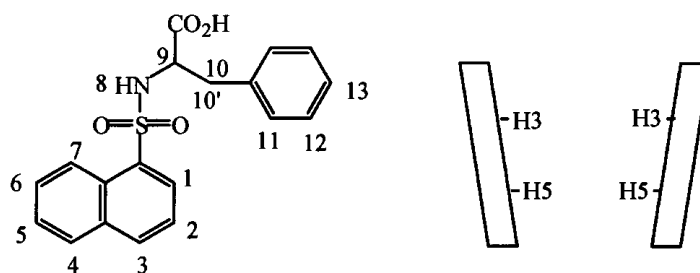
- **Dans-D-phe + γ-CD c.f. (dans-gly and phe-ac)**

Proton	D-D-P+γ-CD	Models	Δδ
1	8.07	8.24	-0.17
2	7.57	7.68	-0.11
3	8.37	8.49	-0.12
5	7.29	7.41	-0.12
6	7.61	7.70	-0.09
7	7.82	8.31	-0.49
9	obscured	4.27	
10	2.93	3.02	-0.09
10'	2.37	2.74	-0.37
11	6.57	7.24 to 7.10	-0.67 to -0.53
12	6.37	7.24 to 7.10	-0.87 to -0.73
13	6.37	7.24 to 7.10	-0.87 to -0.73

- **Dans-L-phe + γ-CD c.f. (dans-gly and phe-ac)**

Proton	D-L-P+γ-CD	Models	Δδ
1	8.03	8.24	-0.21
2	7.57	7.68	-0.11
3	8.33	8.49	-0.16
5	7.30	7.41	-0.11
6	7.60	7.70	-0.10
7	7.94	8.31	-0.35
9	obscured	4.27	
10	3.00	3.02	-0.02
10'	2.58	2.74	-0.16
11	6.59	7.24 to 7.10	-0.65 to -0.51
12	6.38	7.24 to 7.10	-0.86 to -0.72
13	6.38	7.24 to 7.10	-0.86 to -0.72

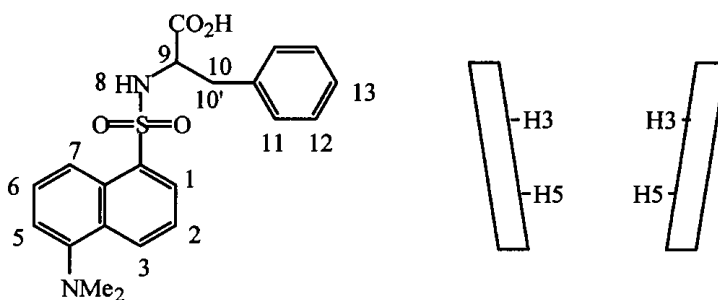
NOE's Observed in Naph-D/L-phe+ β and γ -CD Complexes



Naph-L-phe+ β CD	Peak Intensity	Naph-L-phe+ γ CD	Peak Intensity
H ₃ ↔3	(m)	H _{3/5} ↔7	(m)
H ₃ ↔4	(w)	H _{3/5} ↔3,1	(s)
H ₃ ↔2	(m)	H _{3/5} ↔4	(w)
H ₃ ↔5,6	(m)	H _{3/5} ↔5,6	(m)
H ₃ ↔11,12,13	(s)	H _{3/5} ↔2	(m)
H ₅ ↔11,12,13	(s)	H _{3/5} ↔11	(s)
H ₅ ↔10	(w)	H _{3/5} ↔12,13	(s)
		H _{3/5} ↔10	(m)
		H _{3/5} ↔10'	(m)
Naph-D-phe+ β CD	Peak Intensity	Naph-D-phe+ γ CD	Peak Intensity
H ₃ ↔7	(w)	H ₃ ↔7	(m)
H ₃ ↔3	(m)	H ₃ ↔3,1	(m)
H ₃ ↔1	(w)	H ₃ ↔4	(w)
H ₃ ↔4	(m)	H ₃ ↔5,6	(m)
H ₃ ↔5,6	(w)	H ₃ ↔2	(m/w)
H ₃ ↔2	(m)	H ₃ ↔11	(s)
H ₃ ↔11,12,13	(s)	H ₃ ↔12,13	(s)
H ₅ ↔1	(w)	H ₅ ↔1,3	(m)
H ₅ ↔11,12,13	(s)	H ₅ ↔5,6	(m)
H ₅ ↔10	(m)	H ₅ ↔2	(m/w)
11,12,13↔10'	(m)	H ₅ ↔11	(s)
		H ₅ ↔12,13	(s)
		H ₅ ↔10	(m)
		11↔10'	(m)

(w) = weak; (m) = medium; (s) = strong

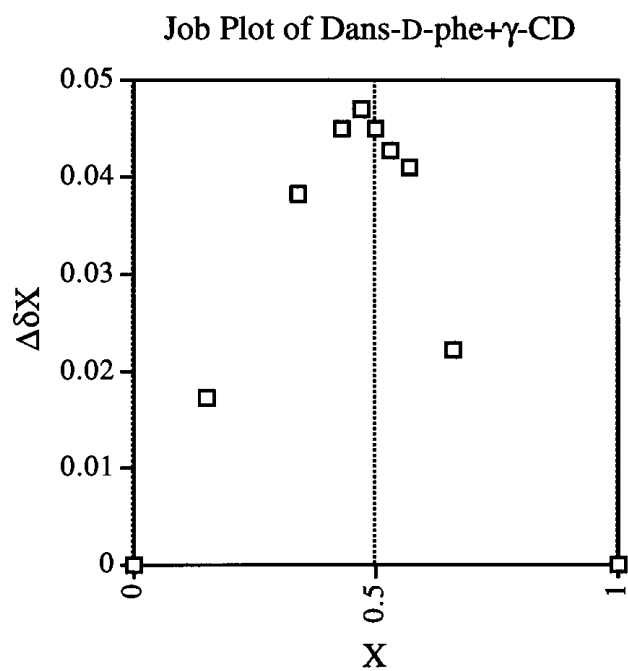
NOE's Observed in Dans-D/L-phe+ β and γ -CD Complexes



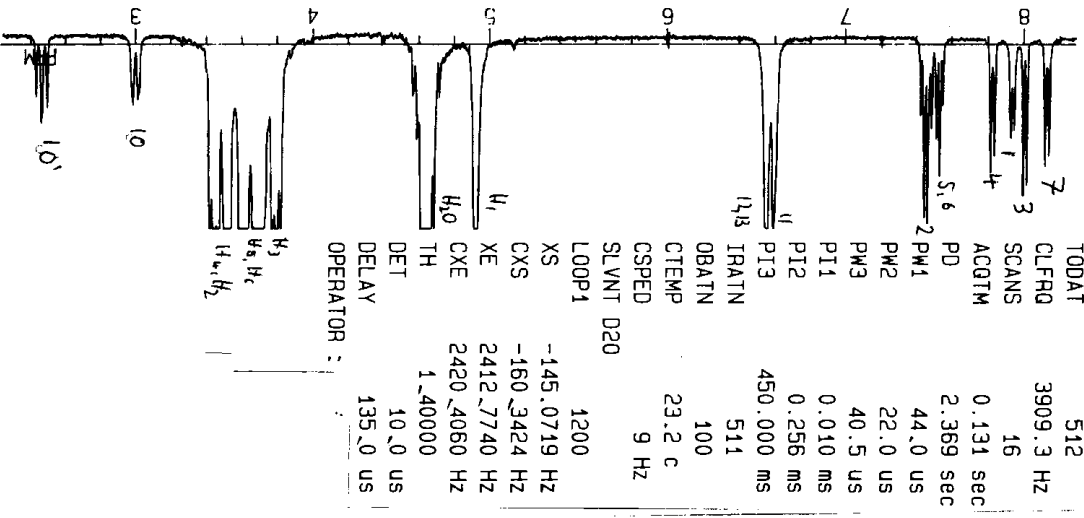
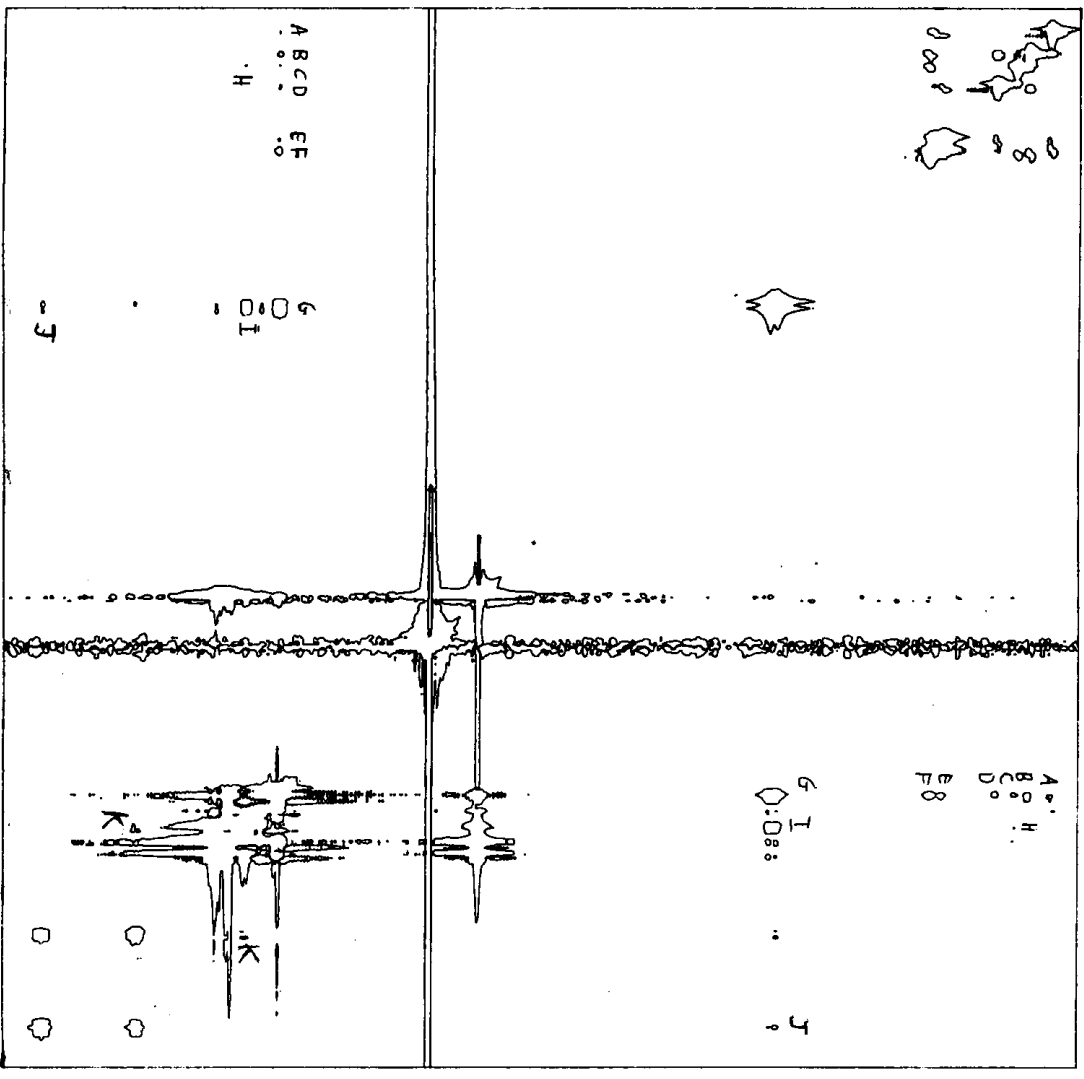
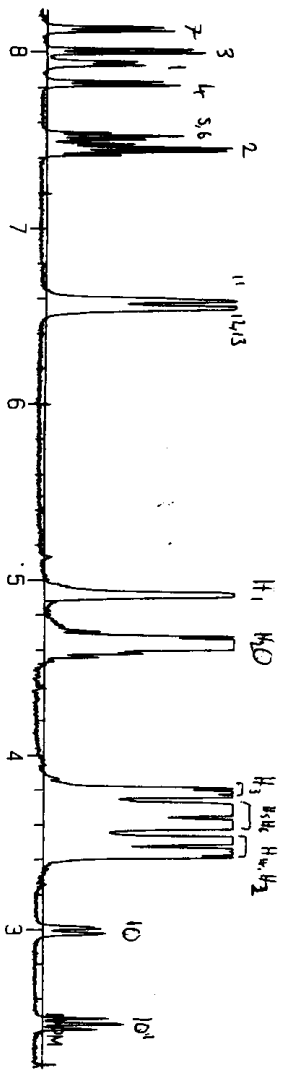
Dans-L-phe+βCD	Peak Intensity	Dans-L-phe+γCD	Peak Intensity
H ₃ ↔3	(m)	H _{3/5} ↔1	(m)
H ₃ ↔7	(w)	H ₃ ↔7	(m)
H ₃ ↔2	(w)	H _{3/5} ↔2,6	(s)
H ₃ ↔6	(m)	H _{3/5} ↔11,12,13	(s)
H ₃ ↔5	(s/m)	NMe ₂ ↔12,13	(m)
H ₃ ↔11,12,13	(s)	NMe ₂ ↔3	(m)
H ₅ ↔11	(s)	NMe ₂ ↔5	(m)
NMe ₂ ↔3	(m)	11↔10	(w)
NMe ₂ ↔5	(m)	11↔10'	(m)
NMe ₂ ↔12,13	(m)		
H _{3/5} ↔NMe ₂	(m)		
11↔10'	(m)		
Dans-D-phe+βCD	Peak Intensity	Dans-D-phe+γCD	Peak Intensity
H ₃ ↔3	(w)	H ₃ ↔1	(w)
H ₃ ↔7	(w)	H ₃ ↔2,6	(m)
H ₃ ↔2,6	(m)	H ₃ ↔5	(w)
H ₃ ↔5	(m)	H ₃ ↔11,12,13	(s)
H ₃ ↔11,12,13	(m)	H ₅ ↔1	(m/w)
H ₅ ↔5	(w)	H ₅ ↔7	(w)
H ₅ ↔11 or 12	(w)	H ₅ ↔2,6	(w)
NMe ₂ ↔3	(m)	H ₅ ↔11,12,13	(s)
NMe ₂ ↔5	(m)	NMe ₂ ↔12,13	(m)
		NMe ₂ ↔3	(m)
		NMe ₂ ↔5	(m)
		11↔10'	(m)

(w) = weak; (m) = medium; (s) = strong

¹H NMR Job Plot of the Dans-D-phe+ γ -CD Complex



Job plot of the dans-D-phe+ γ -CD complex; total concentration = 20mM



02-OCT-99 07:50:17

DFILE 209910021

COMNT RX052_N-D-P+BCD_KBUF_991002

EXMOD VPHROEH

OBNUC 1H

OBFIN 10453.1 HZ

POINT 1024

FREQU 3909.3 HZ

CLPNT 1024

TODAT 512

CLFRQ 3909.3 HZ

SCANS 16

ACQTM 0.131 sec

PD 2.369 sec

PW1 44.0 us

PW2 22.0 us

PW3 40.5 us

PI1 0.010 ms

PI2 0.256 ms

PI3 450.000 ms

IRATN 511

OBATN 100

CTEMP 23.2 C

CSPED 9 HZ

SLVNT D2O

LOOP1 1200

XS -145.0719 HZ

CXS -160.3424 HZ

XE 2412.7740 HZ

CXE 2420.4060 HZ

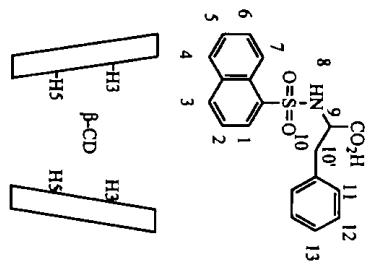
TH 1.40000

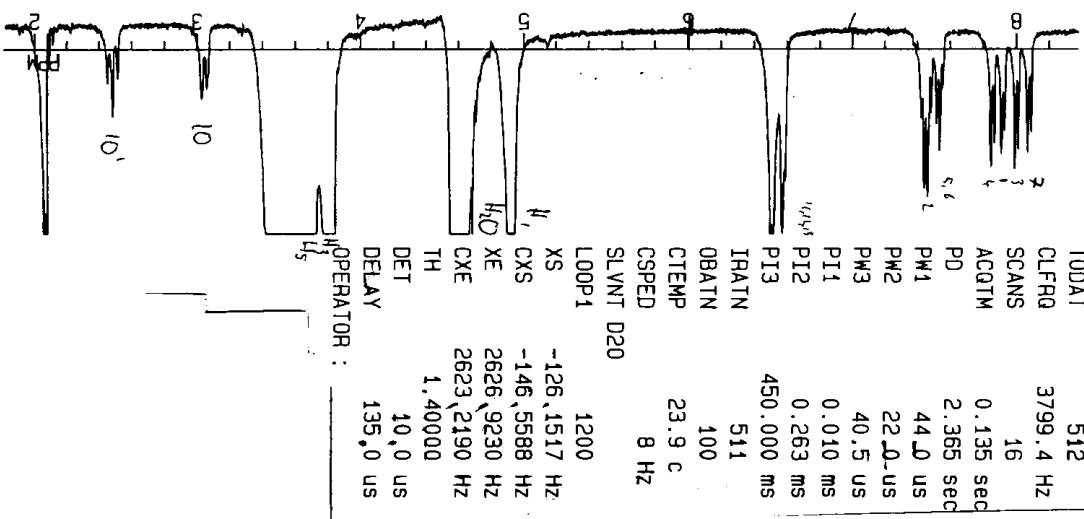
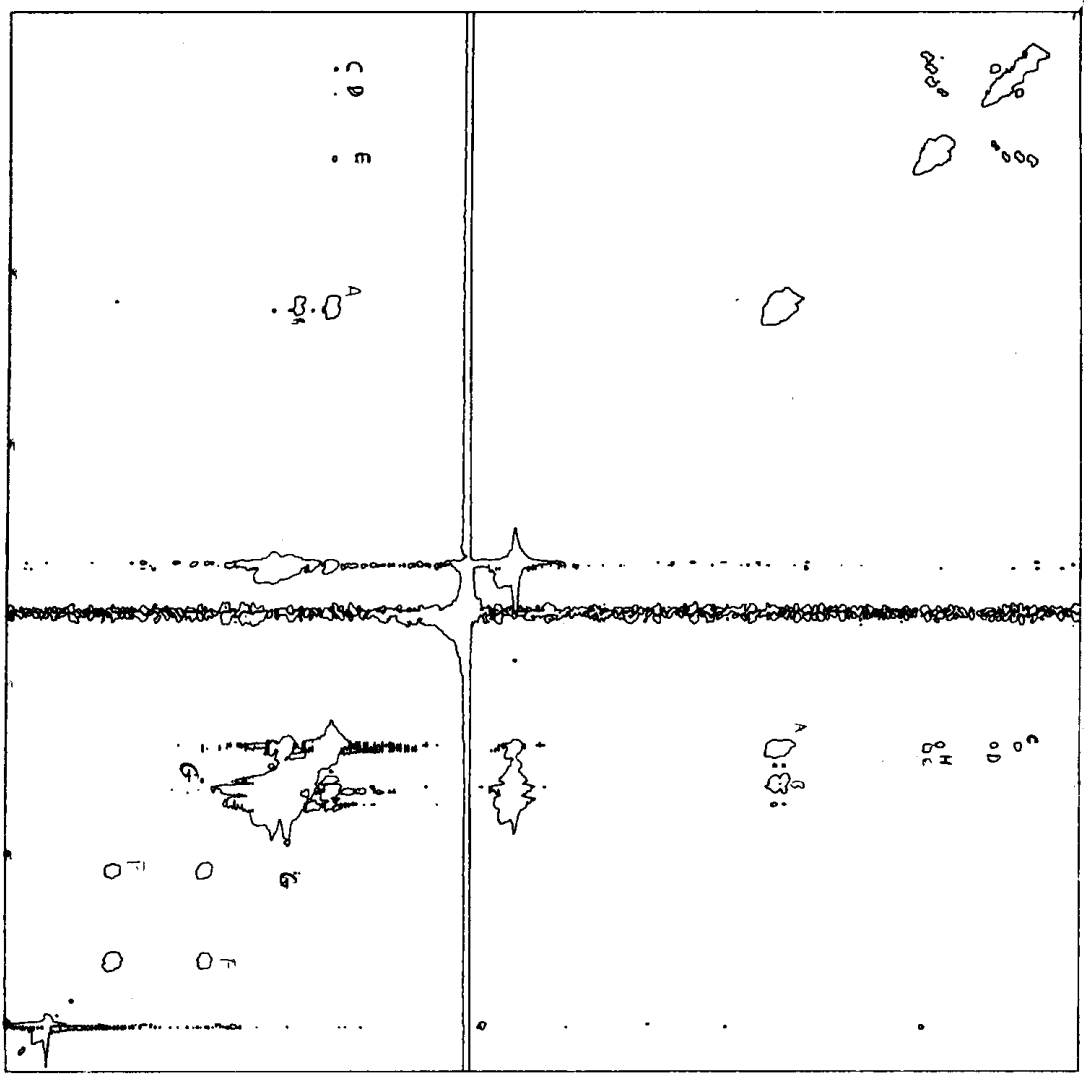
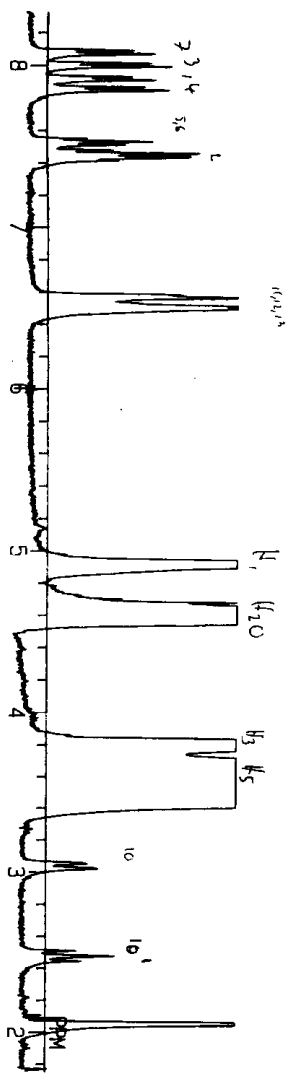
DET 10.0 us

DELAY 135.0 us

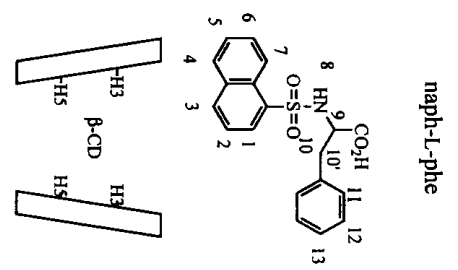
OPERATOR :

naph-D-phe





01-OCT-99 06:31:27
 DFILE 209910011
 COMNT RX052_N-L-P+8CD_KBUFF_govvna
 EXMOD VPHROEH
 OBNUC 1H
 OBFIN 10398.4 HZ
 POINT 1024
 FREQU 3799.4 HZ
 CLPNT 1024
 TODAT 512
 CLFRQ 3799.4 HZ
 SCANS 16
 ACQTM 0.135 sec
 PD 2.365 sec
 PM1 44.0 us
 PM2 22.0 us
 PM3 40.5 us
 P11 0.010 ms
 P12 0.263 ms
 P13 450.000 ms
 IRATN 511
 OBATN 100
 CTEMP 23.9 c
 CSPED 8 HZ
 SLVNT D2O
 LOOP1 1200
 XS -126,1517 HZ
 XCS -146,5588 HZ
 XE 2626,9230 HZ
 CXE 2623,2190 HZ
 TH 1,40000
 DET 10,0 us
 DELAY 135,0 us
 OPERATOR :



08-SEP-99 06:22:08

DFILE 209909081

COMNT ROESY_NAPTH-D-PHE/6CD_KBUFF_990907

EXMOD VPHROEH

OBNUC 1H

OBFIN 10492.2 HZ

POINT 4024

FREQ 4019.3 HZ

CLPNT 1024

TODAT 512

CLFRQ 4019.3 HZ

SCANS 16

ACQTM 0.127 sec

PD 2.373 sec

PW1 43.0 US

PW2 21.5 US

PW3 41.0 US

PI1 0.010 MS

PI2 0.249 MS

PI3 450.000 MS

IRATN 511

OBATN 100

CTEMP 23.2 C

CSPED 10 HZ

SLVNT D2O

LOOP1 1200

XS -3.9250 HZ

CXS -1.9625 HZ

XE 4011.4430 HZ

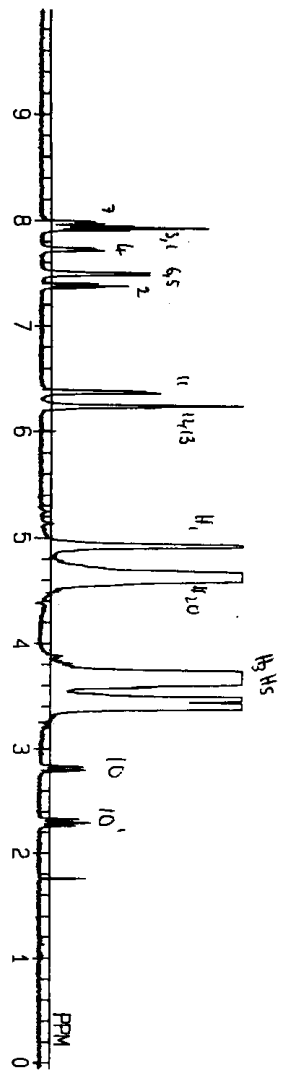
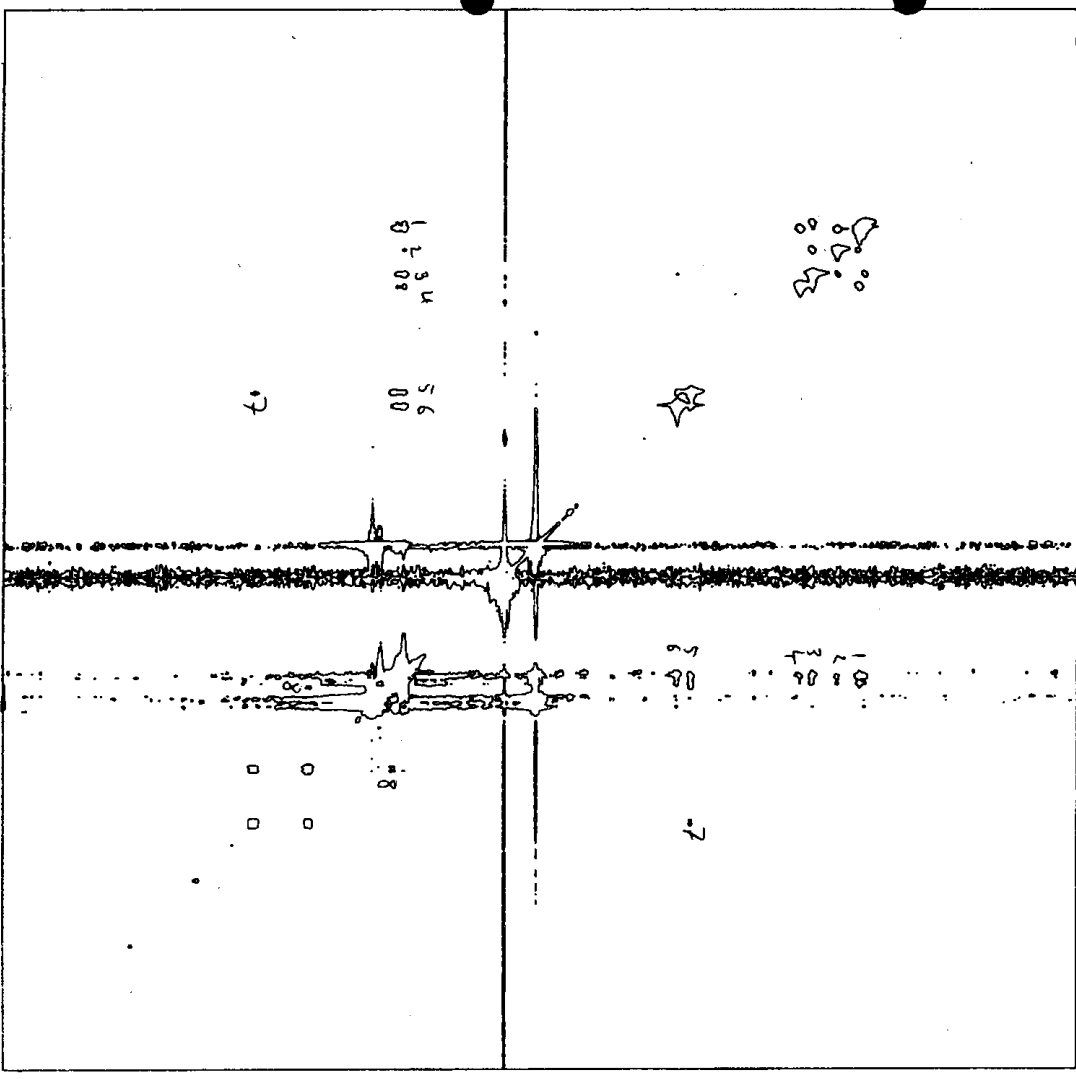
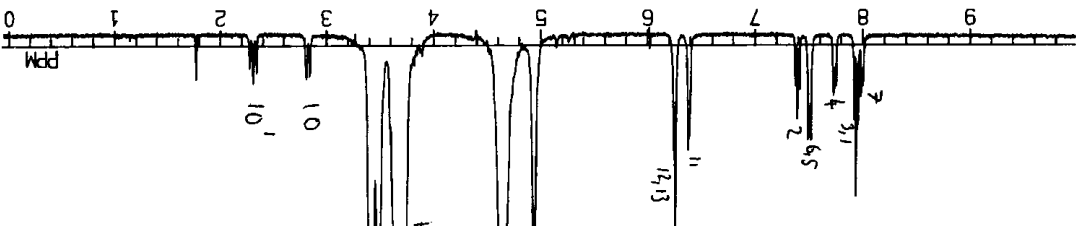
CXE 4015.3750 HZ

TH 0.70000

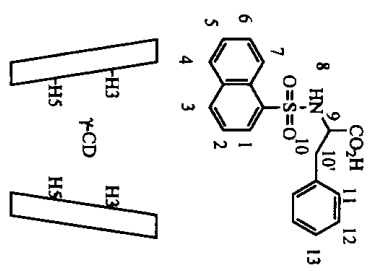
ADDET 10.0 US

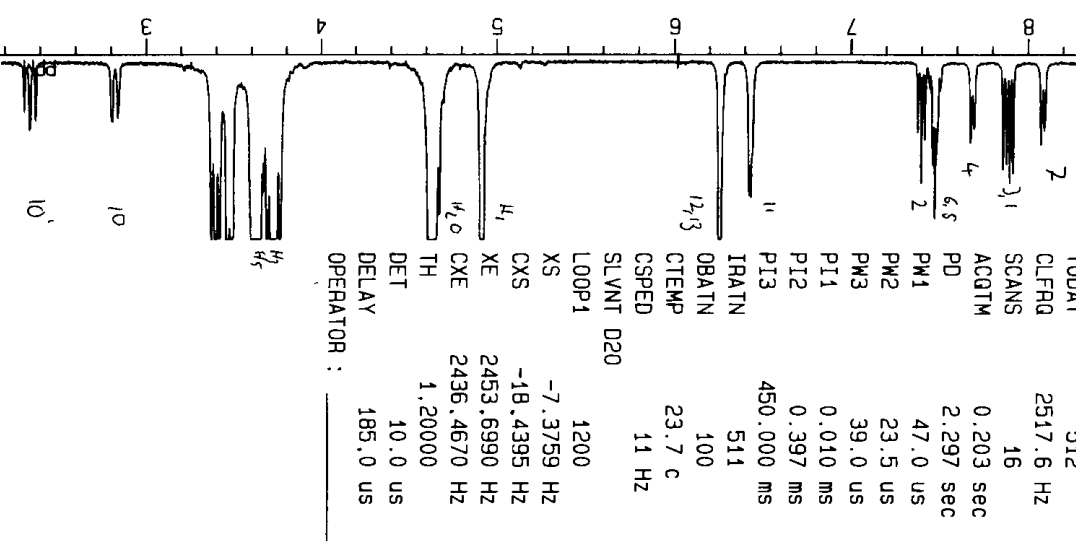
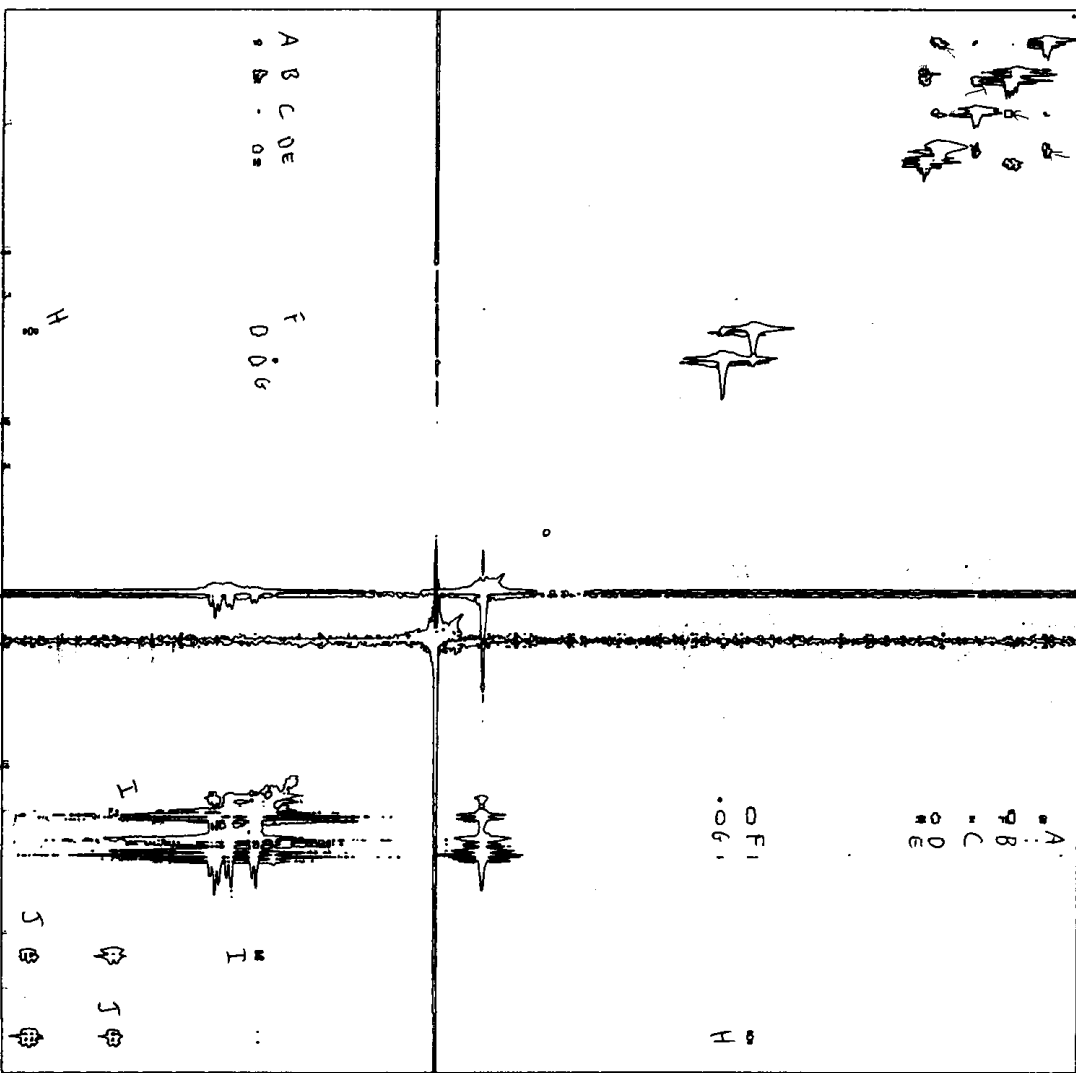
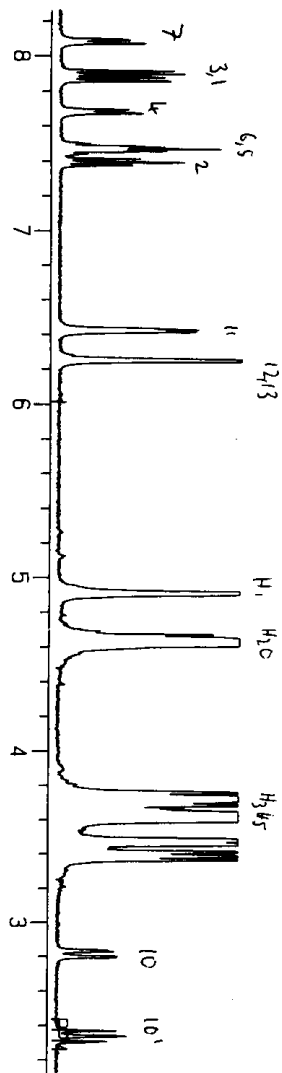
DELAY 110.0 US

OPERATOR :



naph-D-phe





17-DEC-99 06:35:34

DFILE 209912171

COMNT ROESYOF_N-L-P:GCD_KBUFF_991217

EXMOD VPHROEH

OBNUC 1H

OBFIN 10578.1 HZ

POINT 1024

FREQU 2517.6 HZ

CLPNT 1024

TODAT 512

CLFRQ 2517.6 HZ

SCANS 16

ACQTM 0.203 sec

PD 2.297 sec

PM1 47.0 us

PM2 23.5 us

PM3 39.0 us

PI1 0.010 ms

PI2 0.397 ms

PI3 450.000 ms

IRATN 511

OBATN 100

CTEMP 23.7 C

CSPED 11 HZ

SLVNT D2O

LOOP1 1200

XS -7.3759 HZ

CXS -18.4395 HZ

XE 2453.6990 HZ

CXE 2436.4670 HZ

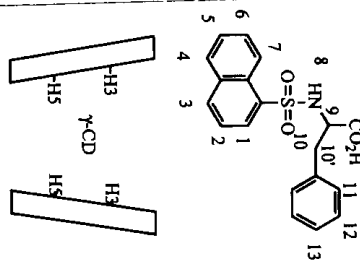
TH 1.2000

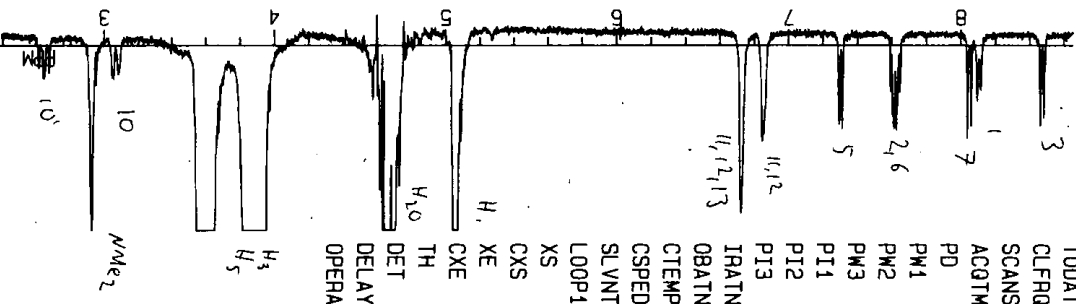
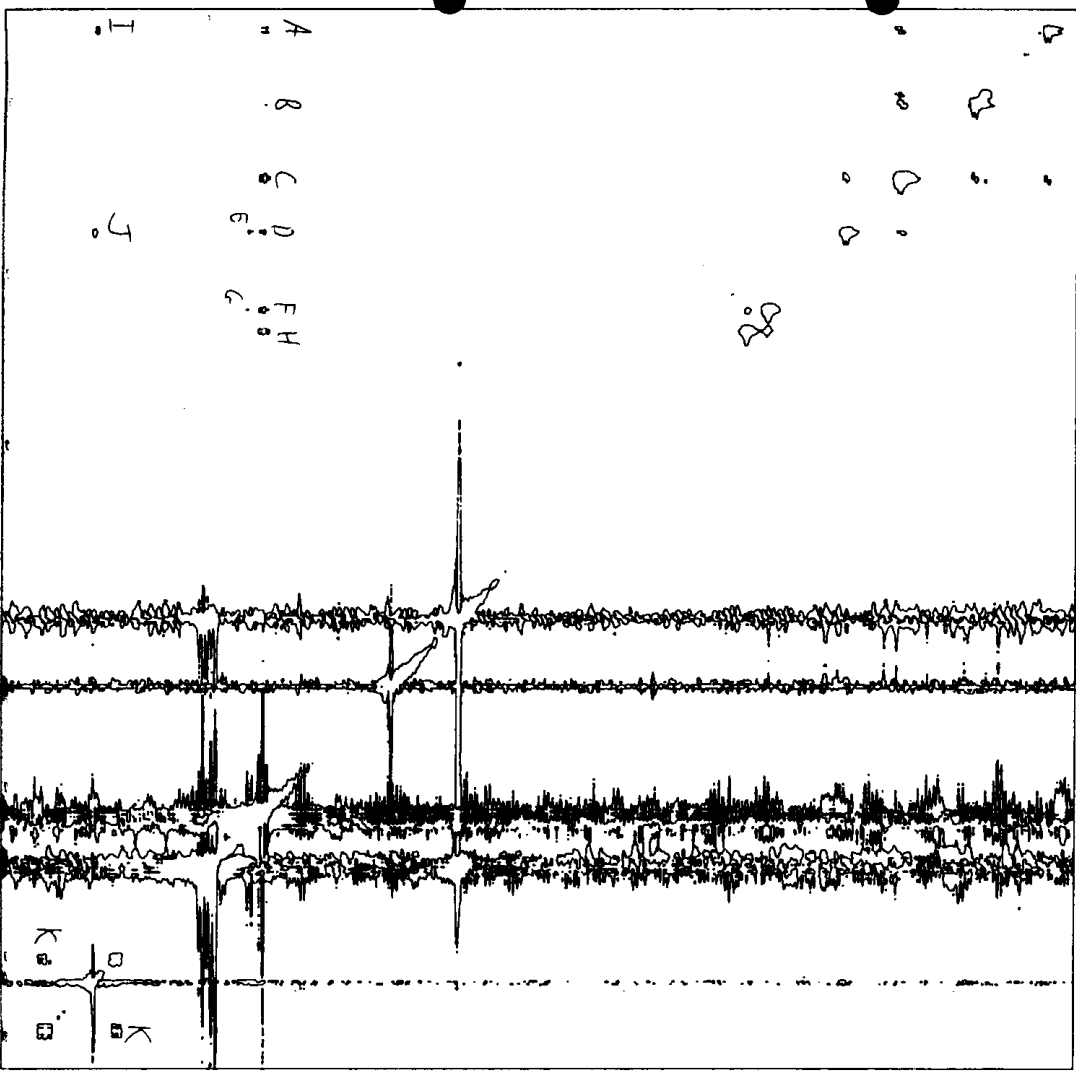
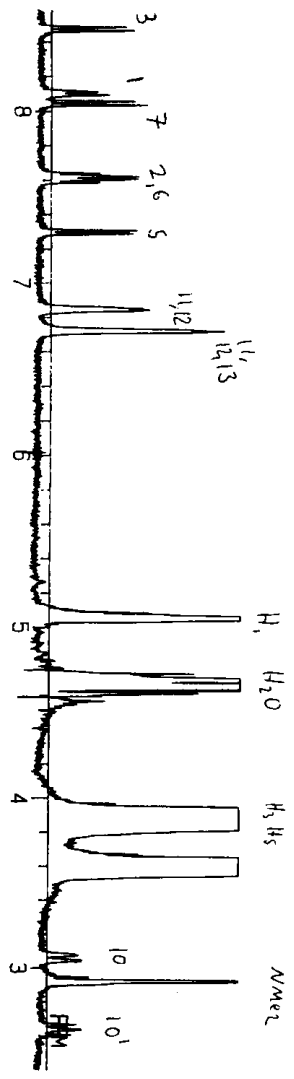
DET 10.0 us

DELAY 185.0 us

OPERATOR :

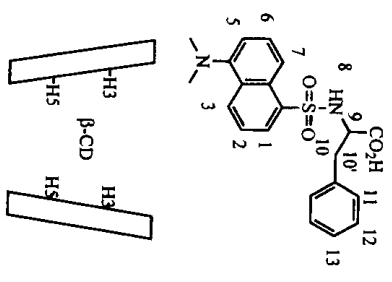
naph-L-phe

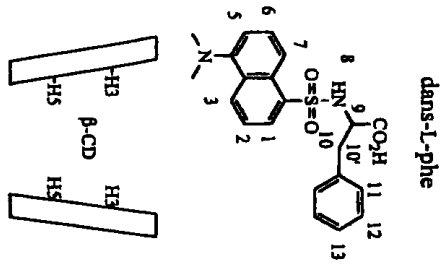
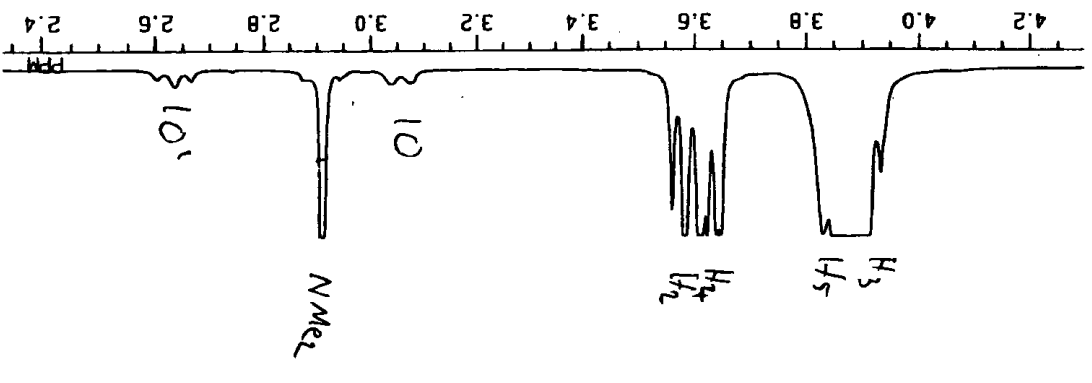
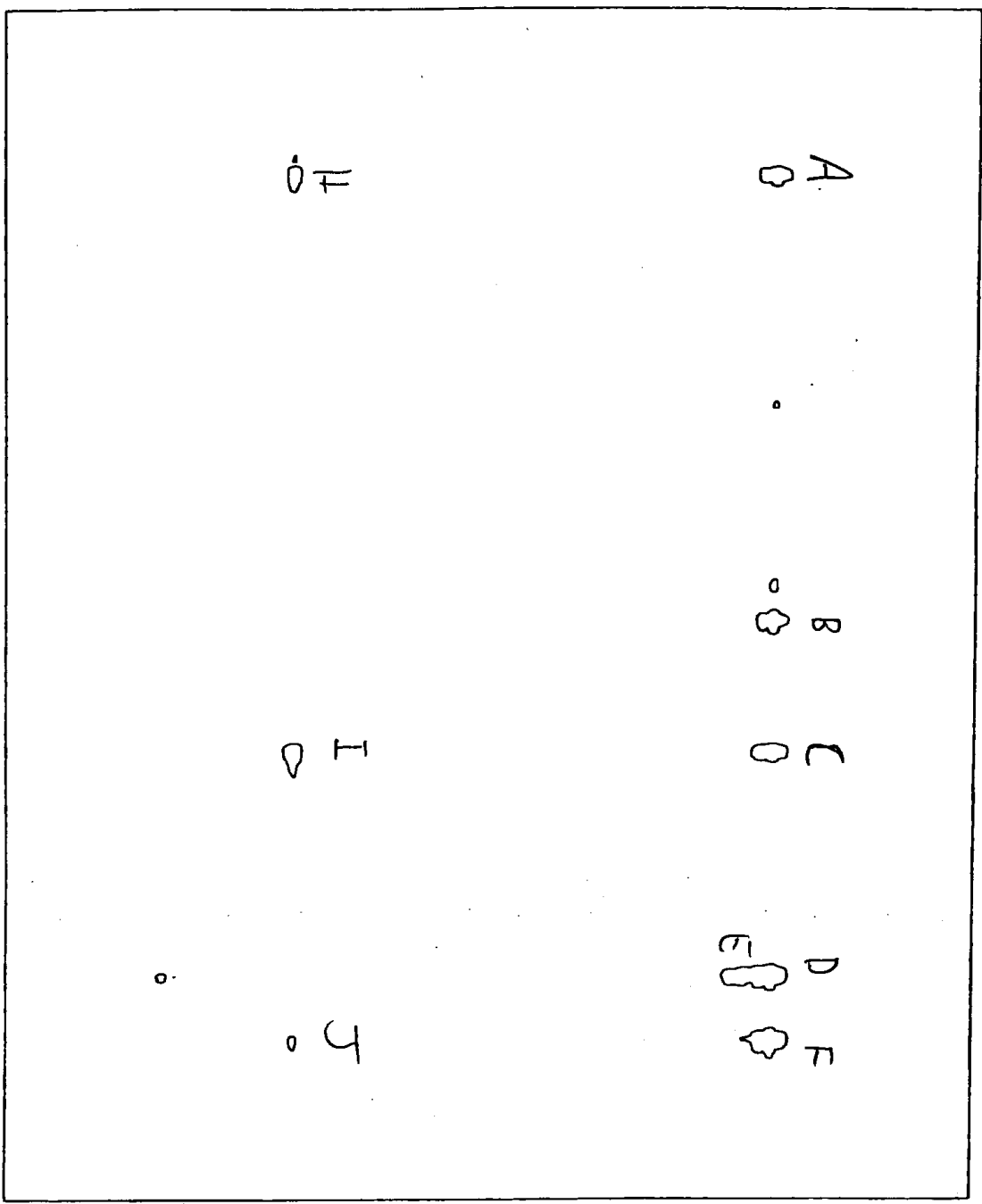
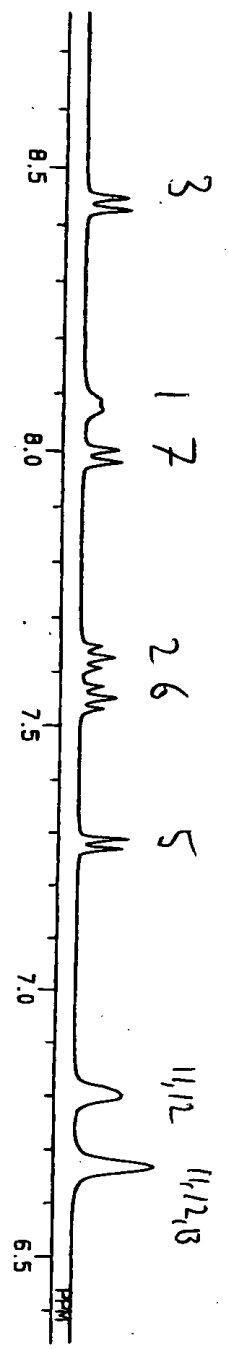


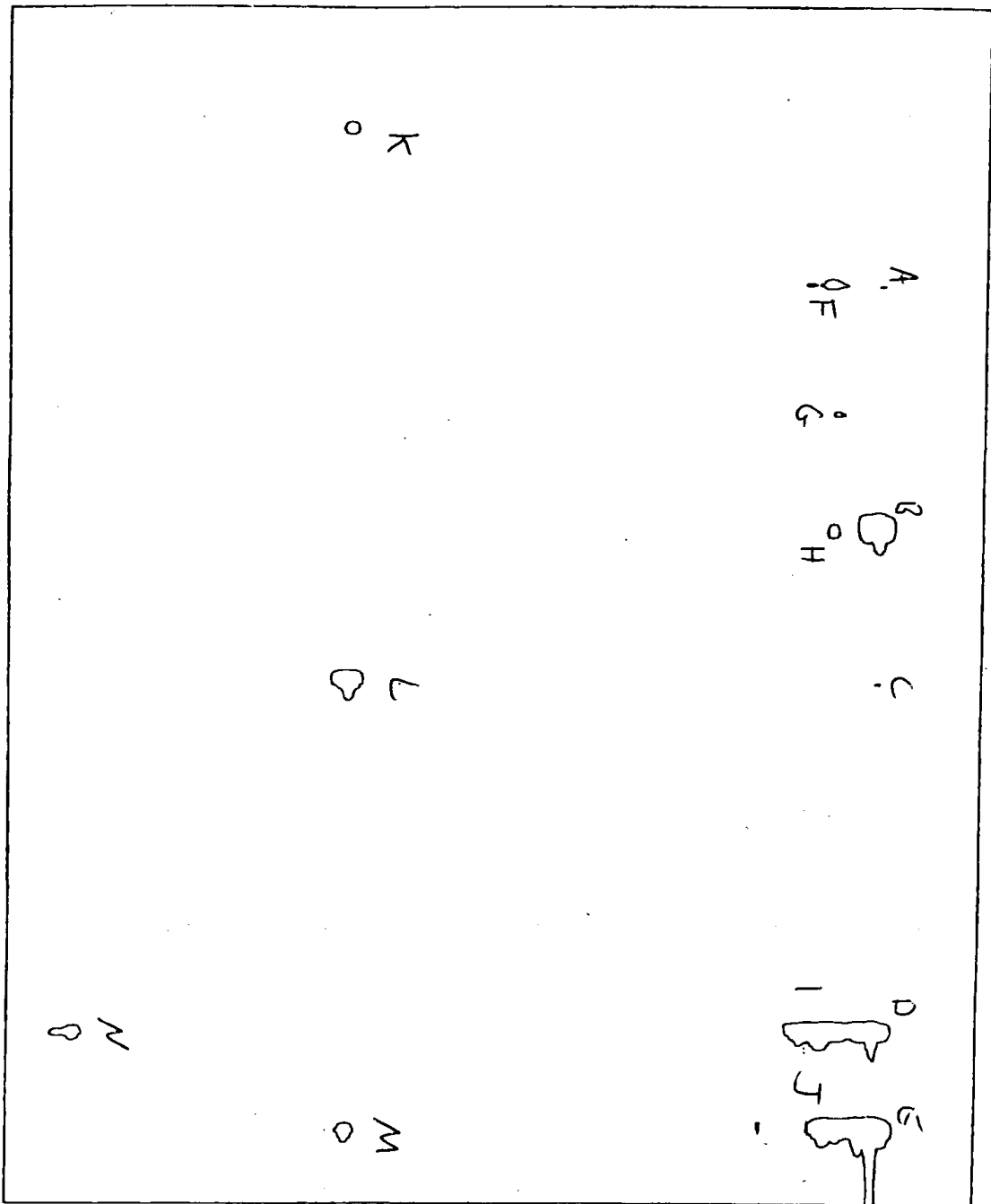
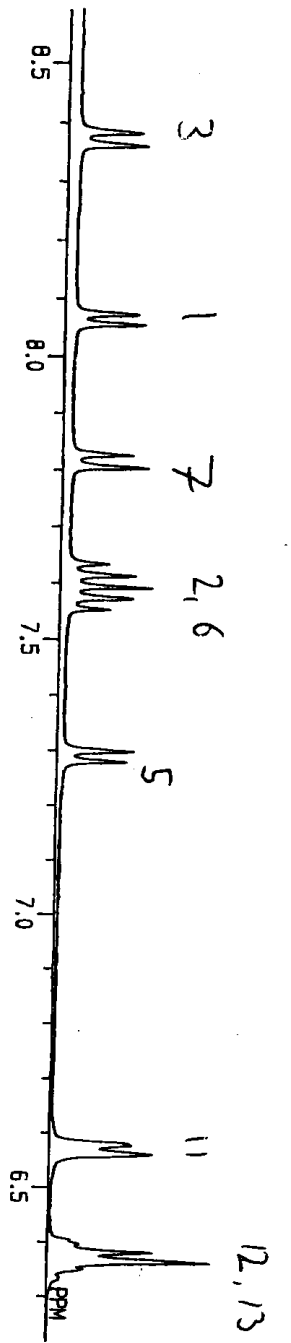


11-NOV-99 07:07:42
 DFILE 0R0133R1
 COMNT 991110, 0R0133R1-2, DNS-D-PHE+ β -CD, 35C
 EXMOD VPHROEH
 OBNUC 1H
 OBFIN 10671.9 HZ
 POINT 1024
 FREQ 2768.5 HZ
 CLPNT 1024
 TODAY 512
 CLFRQ 2768.5 HZ
 SCANS 16
 ACQTM 0.185 sec
 PD 2.315 sec
 PM1 61.0 US
 PM2 30.5 US
 PM3 32.0 US
 PI1 0.010 MS
 PI2 0.361 MS
 PI3 450.000 MS
 IRATN 230
 OBATN 100
 CTEMP 34.9 C
 CSPED 9 HZ
 SLVNT D2O
 LOOP1 1200
 XS -24.3330 HZ
 CXS -33.7952 HZ
 XE 2471.1460 HZ
 CXE 2506.2500 HZ
 TH 4.00000
 DET 10.0 US
 DELAY 169.0 US
 OPERATOR :

dans-D-phe







dans-D-phe

