

AVII 600 Selective 1D experiments.
(parameter sets are found in ../.../par/user/..)

SELCOSY

1. edc define name user expno and so forth
2. rpar proton all
3. getprosol
4. rga
5. zg
6. efp, apk, abs
7. find the O1 value of the peak to irradiate
8. edc increase expno with 1
9. rpar uioselcosy all
10. enter the O1 value of the peak to irradiate
11. ns and TD0 to be set (total number of scans = NS x TD0) usually NS = 16
12. rga
13. zg
14. the exp can be stopped by typing STOP (not HALT)
15. do not type tr while doing the experiment
16. efp and phase correlation peaks so they are anti phase
17. alternatively: FT, abs, PS, /8 several times (all peaks positive).

SELTOCSY

1. edc define name user expno and so forth
2. rpar proton all
3. getprosol
4. rga
5. zg
6. efp, apk, abs
7. find the O1 value of the peak to irradiate and write it down
8. edc increase expno with 1
9. or rpar uioseltocsy10 all (short range – COSY-like spectrum)
10. or rpar uioseltocsy40 all
11. or rpar uioseltocsy80 all (medium range)
12. or rpar uioseltocsy160 all
13. or rpar uioseltocsy240 all ([recommended one for extended spin systems](#))
14. enter the O1 value of the peak to irradiated
15. ns and TD0 to be set (total number of scans = NS x TD0) usually NS = 16.
16. rga
17. zg
18. The experiment can be stopped by typing STOP (not HALT)
19. Do not type tr while doing the experiment
20. efp and phase the spectrum like a standard proton spectrum
21. if strong anti phase peaks: FT, abs, PS, /8 several times (all peaks positive).

SELROESY

- 1. edc define name user expno and so forth**
- 2. rpar proton all**
- 3. getprosol**
- 4. rga**
- 5. zg**
- 6. efp, apk, abs**
- 7. find the O1 value of the peak to irradiate**
- 8. edc increase expno with 1**
- 9. rpar uioselroesy all**
- 10. enter the O1 value of the peak to irradiate and enter it**
- 11. ns and TD0 to be set (total number of scans = NS x TD0) usually NS = 16**
- 12. rga**
- 13. zg**
- 14. the experiment can be stopped by typing STOP (not HALT)**
- 15. do not type tr while doing the experiment**
- 16. efp and phase so the excited signal is negative and correlated signals are positive**

SELNOESY

- 1. edc define name user expno and so forth**
- 2. rpar proton all**
- 3. getprosol**
- 4. rga**
- 5. zg**
- 6. efp, apk, abs**
- 7. find the O1 value of the peak to irradiate**
- 8. edc increase expno with 1**
- 9. rpar uioselnoesy250 all (d8 250 ms)**
- 10. or rpar uioselnoesy500 all (d8 500 ms)**
- 11. or rpar uioselnoesy750 all (d8 750 ms)**
- 12. or rpar uioselnoesy1000 all (d8 1000 ms)**
- 13. enter the O1 value of the peak to irradiate**
- 14. ns total number of scans to be set, for instance 64**
- 15. rga**
- 16. zg**
- 17. the experiment can be stopped by typing STOP (not HALT)**
- 18. do not type tr while performing the experiment**
- 19. efp and phase so the excited signal is negative and correlated signals are positive**