

HSQC or HMBC at AV600

Procedure:

Open Topspin 3.6.5

run H-1 and C13 NMR prior to HSQC or HMBC

run HSQC or HMBC NMR

1. find (**o1p**) and (**sw**) from 1H and 13C NMR spectrum
2. run (**pulsecal**) on 1H NMR dataset
3. create two datasets: name; exp #; pro #; solvent; directory (D:\Chem471\user last name\yrmo)
4. (**rpar A2d***) for each dataset (select A2d_hsqced_spc13 or A2d_HMBC_new_Fu-new)
5. no eject sample/no insert sample
6. no lock
7. no spinning
8. no shim
9. for each dataset:
 - prosol (**getprosol**)
 - input (**o1p, sw, p1, ns, ds, d1, TD**)
 - run (**rga**) to obtain rg value
10. (**zg**)
11. for each dataset:
 - (**xfb**)
 - internal/external projection
 - adjust phase if necessary
 - calibrate spectrum
12. eject sample (**ej**) or (**sx #2**) ; take sample
13. close topspin
14. log off