

**sx Holder No ; lock solvent;atma;topshim;getprosol;rga;zg; ↵**

Acquire Process Analyse Applications Manage

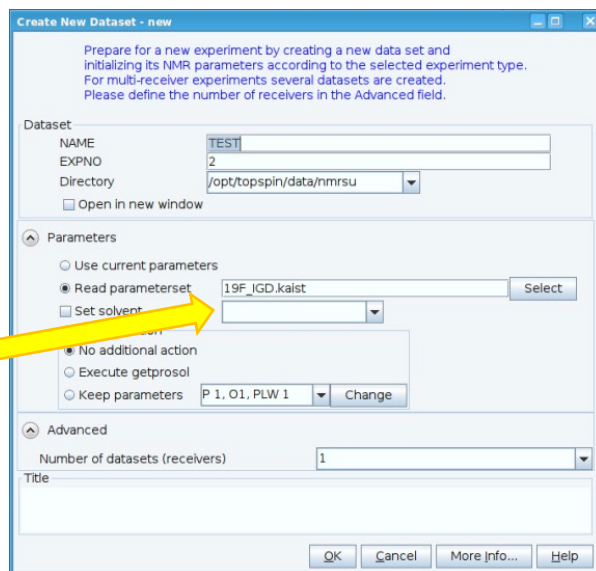
Create Dataset Sample Lock Tune Spin Shim Prosol Gain Run More

## 1. Logging in

1. Click 'Not listed?' on login screen
2. Type account and password
3. Double-Click 'Topspin' icon on Desktop

## 2. Make new dataset folder

1. **new** ↵ :create new folder
2. Fill out 'NAME/EXPNO/TITLE'
3. Select experiment at "Read parameterset"
  1. 1H : proton.kaist
  2. 13C : carbon.kaist
  3. 19F : 19F\_IGD.kaist
  4. In case of other experiment, check room entrance notice
4. Clcik OK



## 3. Acquitiosn (by command)

1. **sx** ↵ → type Holder number.
  1. Wait until LED turns Yellow color
2. **lock** ↵ → click Solvent
3. **atma** ↵ → can skip when proton.kaist (if w/o SNR issue), should do for other nuclei
  1. Type **stop** ↵ if atma running more than 3 min, and tell NMR manager
4. **topshim** ↵
  1. If want to reduce artifact : **topshim tuneaz** ↵, if solvent is Acetone/MeOD : **topshim convcomp** ↵
5. **getprosol** ↵
  1. In case of 1H qNMR or cosy/noesy → **pulsecal** ↵ to optimize p1, p2
6. **eda** ↵ → change parameters if want (ex> **NS, D1, AQ, SW, O1P...** )
7. **rga** ↵
8. **zg** ↵

`efp; apk; absn; ↵ // efp; apbk; ↵ // efp;apk0;absn; ↵`
9. To process during acquisition, **tr** ↵ → **efp; apk; absn;** ↵ when log is shown as 'stored NS ~~ '
  1. for 19F, 29Si, 11B → **efp;apbk ;** ↵
  2. For Polymer or labile proton (broad peak) → **efp;apk0;absn;** ↵
10. **'halt'** if want to halt acquisition

## 4. Logging out

1. **lock off ; sx ej;** ↵
2. Check sample is retrieved from magnet to sampler tray
3. **exit** ↵
4. Click "logout" at upper right conner → log out → log out