

How to Run a 2D-HMQC

1. Acquire a proton spectrum.
2. Type “iexpno” to increase the experiment number.
3. Type “ez_hmqc”.
 - a. Answer the questions about spectral width, center point and solvent.
 - i. F2, O2 are 1H dimension
 - ii. F1, O1 are 13C dimension
4. Type “ns” and change number of scans (typically 4 scans if you have 5-10 mg of sample).
5. Click Save.
6. Turn off spinner.
7. Type “rga”.
8. Type “zg” to acquire data.
9. To view data while running or after acquisition has ended, type “xfb”.
10. Process and print the data using the *2D Homonuclear Processing Guide*.