Notes to the Excercise

1. Install NMRFAM-Sparky or alternative program for NMR.

2. Open *ucsf files and adjust spectral properties (S/N ration, colors, levels). Create *save and *proj files. (SPARKY)

3. Inspect the skeleton of solved compound (attached figure).

4. Assign max. of ^{1}H and ^{13}C resonances, determine position of 2 fragments. Specify stereochemistry of all ^{1}H signals/substituents.

Few comments

· HSQC spectrum is not fully evolved for all crosspeaks :-(

· Two bond couplings in HMBC are in some cases smaller than three-bond.

· For crosspeaks in t1-noise check their presence in opposite dimension.

· Always double check the individual assignments steps!

· Solvent chloroform with water residuals, t = 5°C.

Requested outputs

1. Complete assignment of crosspeaks → send *save files.
2. Build final structure of the molecule.
3. **Prepare a comprehensive report** with comments describing logically the procedure of your work. Wrap your report together with *save files and deposit it via IS.