



*A computer generated spectrum of two  $^{13}\text{C}$  experiencing dipolar coupling*

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**Field strength:** 400 MHz

### Why is this your favorite spectrum?

A program called SIMPSON was used, which allows us to visualize concepts like dipolar coupling without cost/time intensive equipment. This is my favorite spectrum because it was one of the first simulations I was able to produce using the program, and it sparked my interest in NMR and computational chemistry. It also served as an instructional tool to illustrate anisotropic interactions (and how they effect our spectra).