



*$\gamma$ -Picoline in acetone- $d_6$*

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**Field strength:** 300 MHz

**Why is this your favorite spectrum?**

These spectra show the enhancement of the carbon signal due to quantum rotor-induced polarization. In the above spectrum, an extreme enhancement of the methyl signal (proton-coupled) is observed, whereas the other signals are not visible. The reference spectrum below shows all signals without enhancement with more scans. I like this one particularly because it shows the impact of hyperpolarisation.