



Pyrrole in CDCl₃

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Field strength: 400 MHz

Why is this your favorite spectrum?

The compound is novel as is its synthetic route. The recorded spectrum is well in agreement with the expected structure. It doesn't contain any sort of impurities, and baseline of the spectrum is neat. Proton count and splitting pattern matches with the proposed structure.

I really struggled to elucidate the structure of the unknown compound with other analytical data, but it is easy if we get its proton NMR spectrum.