



Dimeric nickel(II) complex displaying paramagnetism

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Field strength: 500 MHz

Why is this your favorite spectrum?

I love this spectrum because of the incredible difficulty encountered trying to characterize the molecule. Due to the compound's severe insolubility, it was only after using CIL's deuterated 1,2-dichlorobenzene that I was able to obtain a suitable ^1H NMR spectrum of the compound. Only later did X-ray crystallography confirm the structure and explain the observed paramagnetism.