



Positive DNP and negative NOE enhancement of tetracycline binding aptamere

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Field strength: 9.4 Tesla

Why is this your favorite spectrum?

Even if it was torture to find out where this inverted (turquoise) peak comes from, this spectra looks like a butterfly which is quite cool. It took me a while to find out that it probably comes from methanol impurity, which still drives me crazy because I didn't even use some! I repeated the experiment with a new sample and the negative peak was gone, but unfortunately so was the butterfly. But what really makes that fun is knowing that you are trying to answer an interesting question.

Comments: I'm just a poor student with expensive isotope taste.