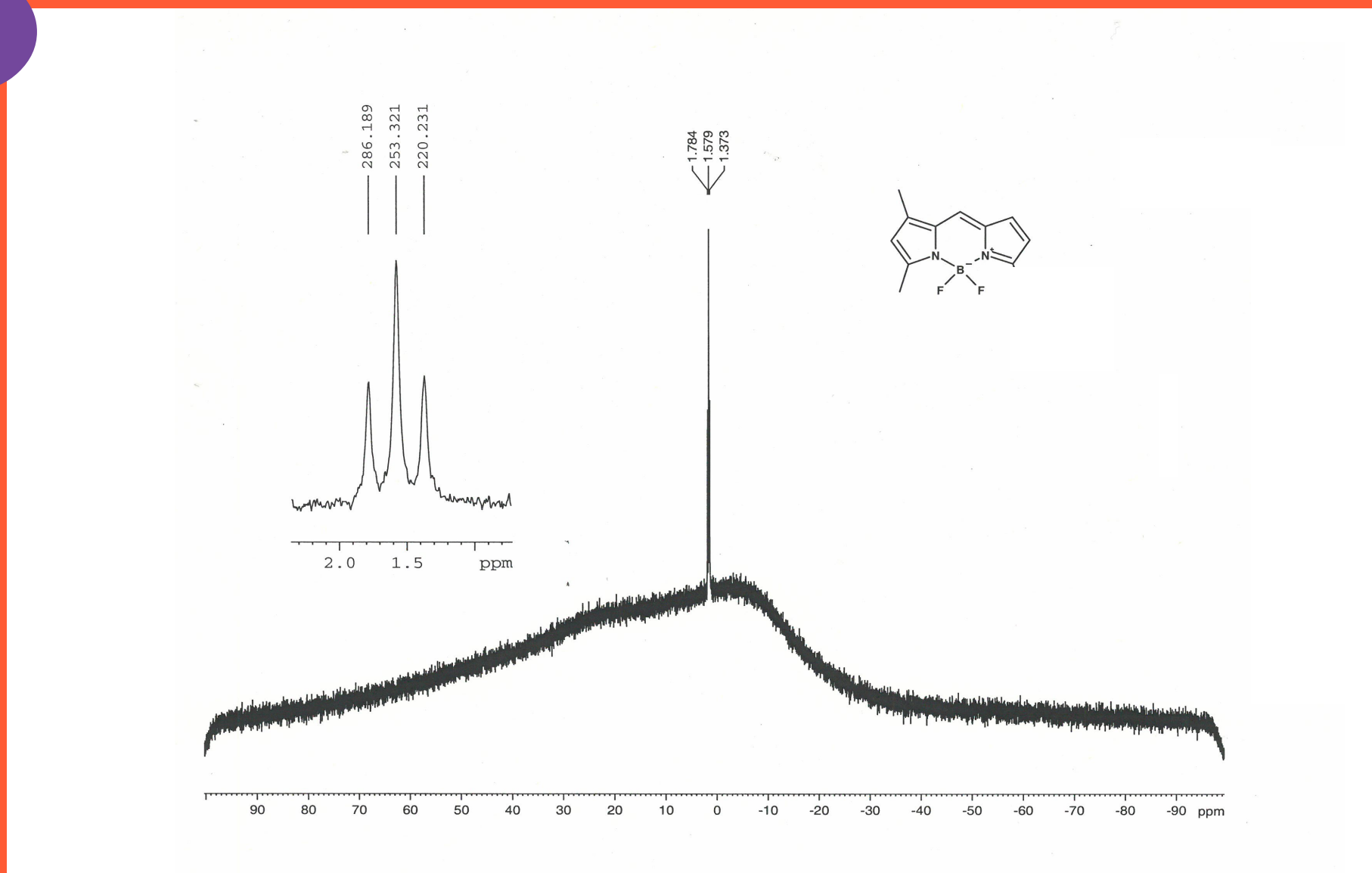




# nmr is science



*Beauty and the Beast*

**Markus Bacher, PhD, 2006**

Department of Chemistry | University of Natural Resources and Life Sciences (BOKU),  
UFT Research Center Tulin

**Field strength:** 500 MHz

**Why is this your favorite spectrum?**

It's one of my favourites because even though B-11 is a spin 3/2 nucleus, the boron NMR of this compound reveals the coupling to F-19 because of high symmetry, whereas contrary to that the background signal of the NMR-tube gives a broad signal – Beauty and the Beast in one spectrum!