



NMR spectrum of ethylene diaminoborane

Jay-Ar Bendo, 2015

Chemistry Department | University of California, Riverside

Field strength: 400 MHz

Why is this your favorite spectrum?

Just like the title says, this linear compound gives two interesting sets of peaks. The first one is the BH₄ coupling, which gives you a broad quartet. The second one is the methylene chain, which couples not only to itself but also to the amine groups. Both sets look like crowns as they are symmetrical in the middle.