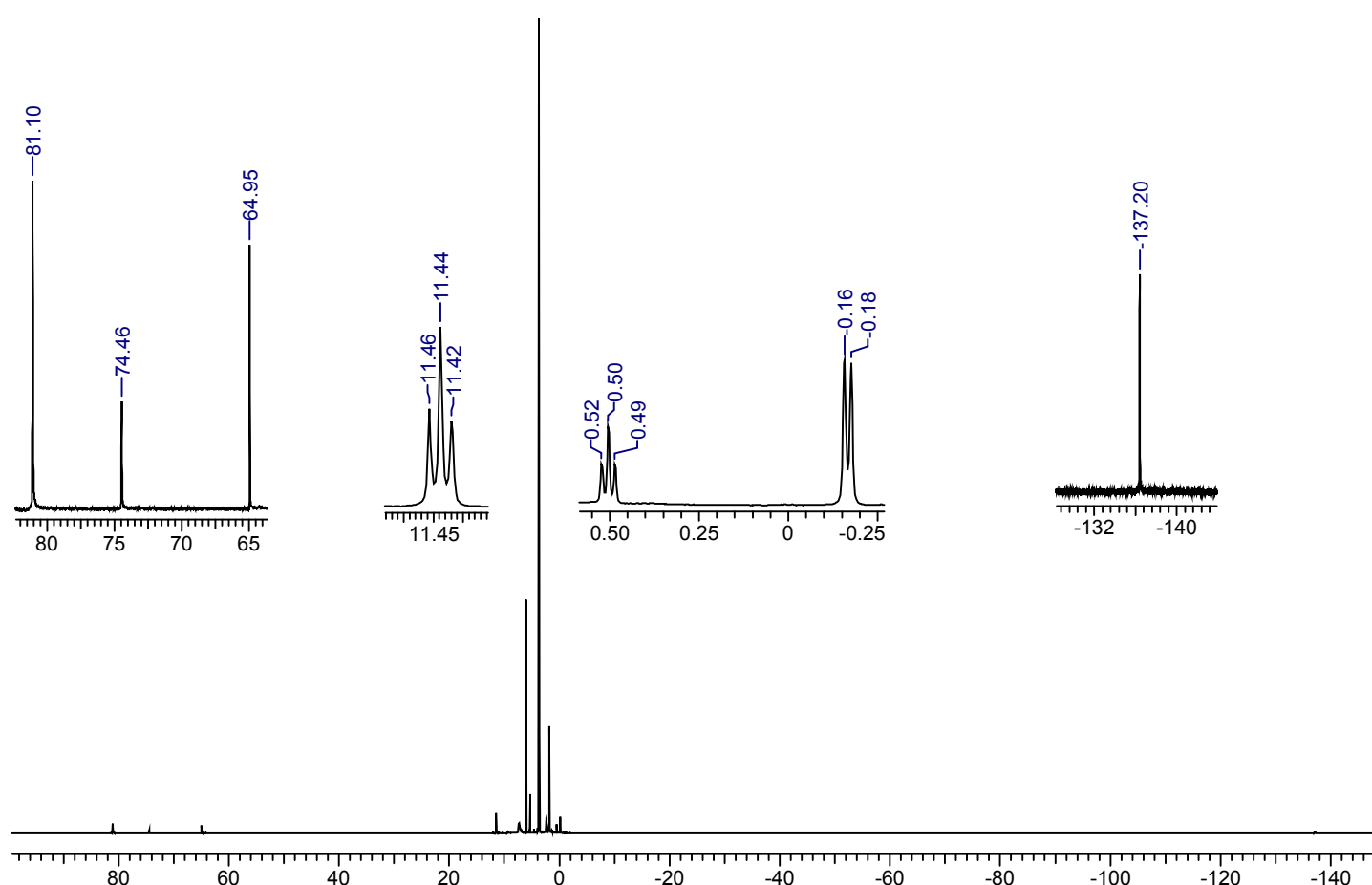




nmr is science



Tungsten bis(5-methyl-3-phenyl-1H-pyrro-2-yl)pyridine complex

Anitha Shankara Lince Gowda, 2016

C. Eugene Bennett Department of Chemistry | West Virginia University

Field strength: 400 MHz

Why is this your favorite spectrum?

This is very special NMR spectrum because of the following reasons. This is a proton NMR spectrum of a paramagnetic tungsten complex. But the peaks in the paramagnetic region are very sharp and look like a carbon NMR! This is not common. Second special aspect of the spectra is we are seeing the coupling in the paramagnetic complex, which is not common. This makes the spectra very special to me.