

## Synthesis of a Novel Pyrrole Oxazole Analogue of the Insecticide Pirate

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### Accessory Material

#### <sup>1</sup>H NMR Spectra of Compounds 4, 5, 7, 15, 17, and 18 in CDCl<sub>3</sub>

Figure S1: Spectrum of 2-[1-(Ethoxymethyl)-1*H*-pyrrol-2-yl]-5-phenyl-1,3-oxazole **4** (400 MHz)

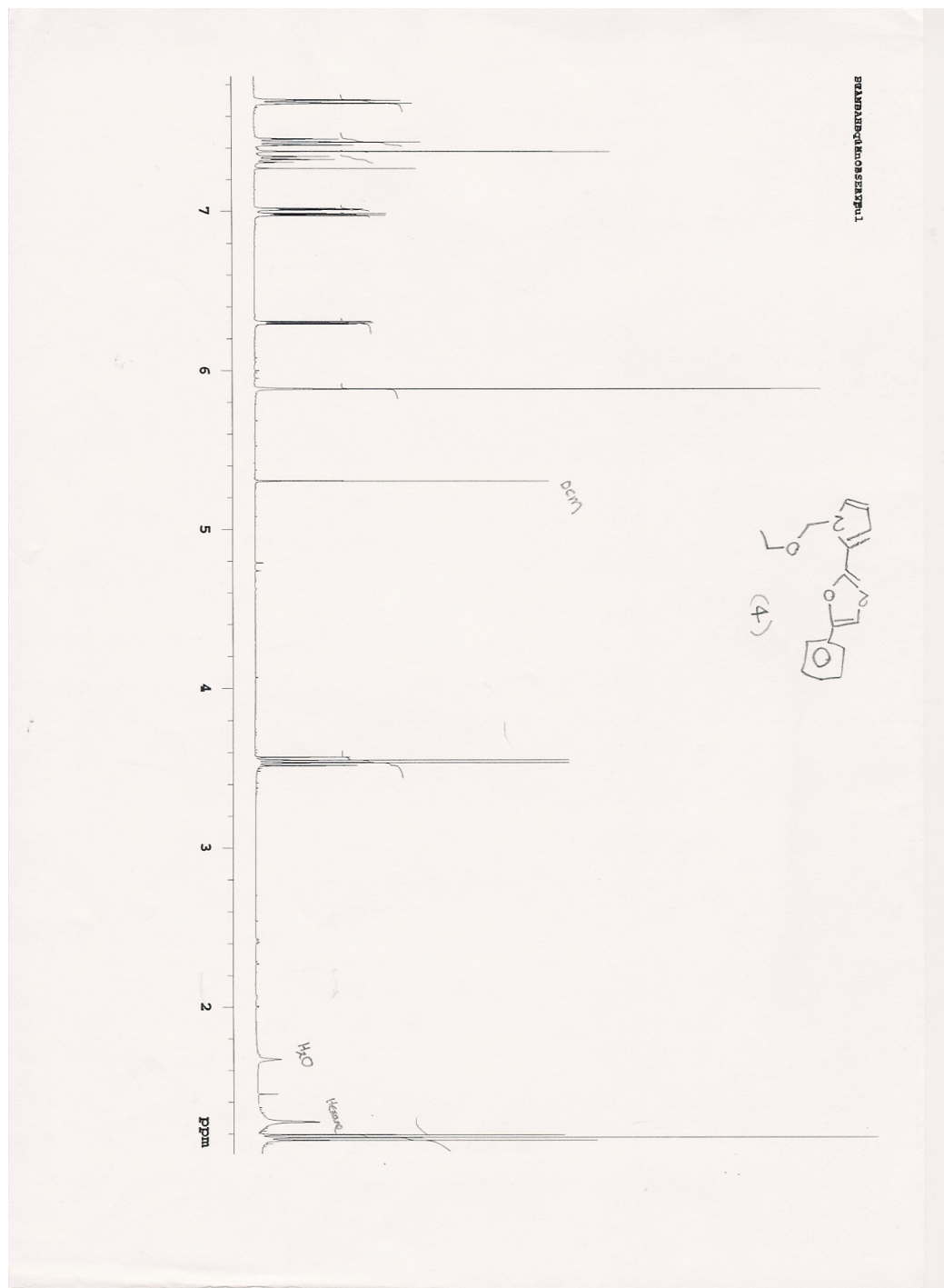


Figure S2: Spectrum of 5-Phenyl-2-(1*H*-pyrrol-2-yl)-1,3-oxazole **5** (400 MHz)

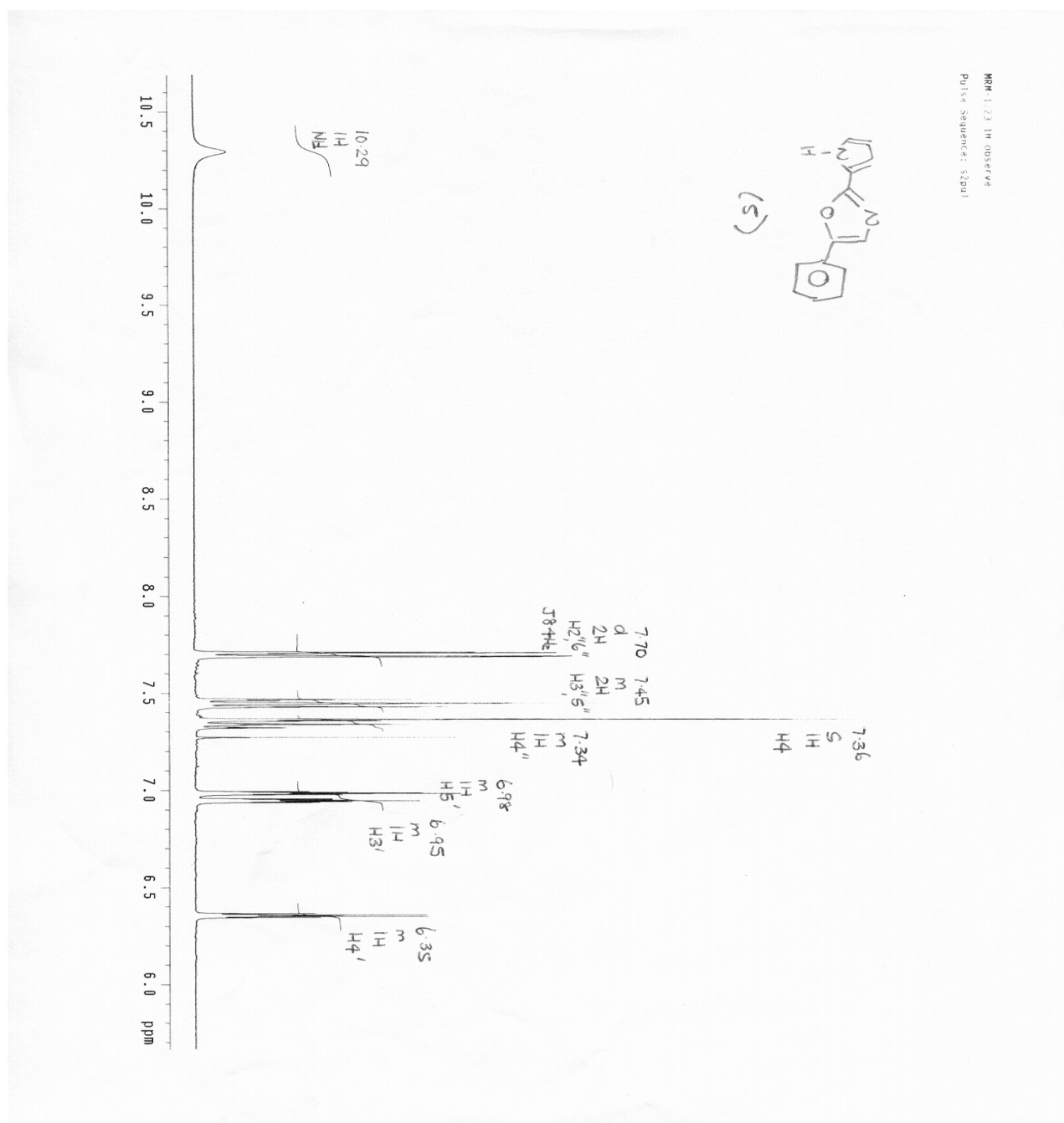
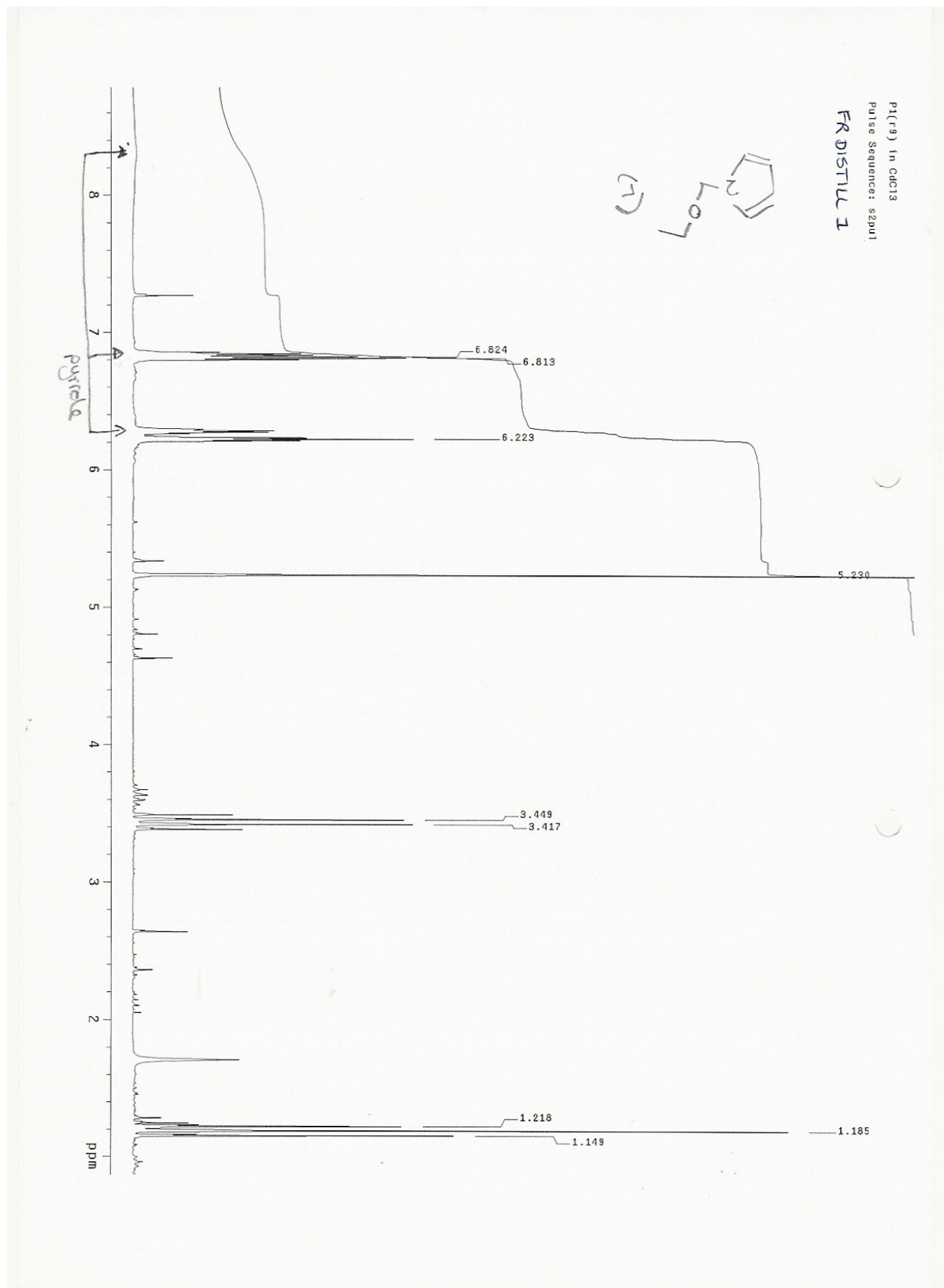
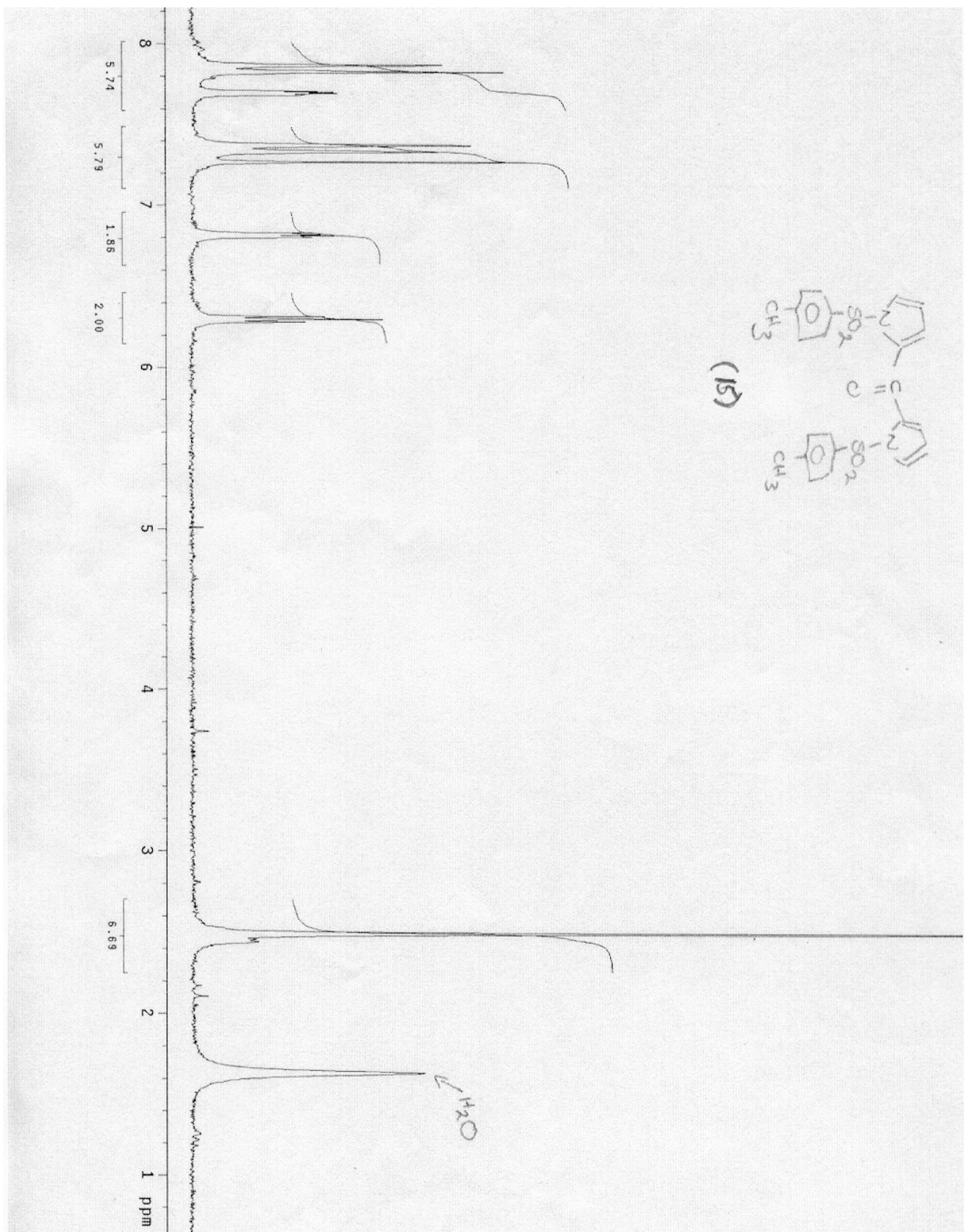


Figure S3: Spectrum of 1-(Ethoxymethyl)-1H-pyrrole 7 (200 MHz)



**Figure S4:** Spectrum of Di-1-tosyl-1*H*-pyrrol-2-ylmethanone **15** (200 MHz)



**Figure S5:** Spectrum of (2'-Phenyl-2'-oxoethyl)-1-tosyl-1*H*-pyrrole-2-carboxamide **17** (400 MHz)

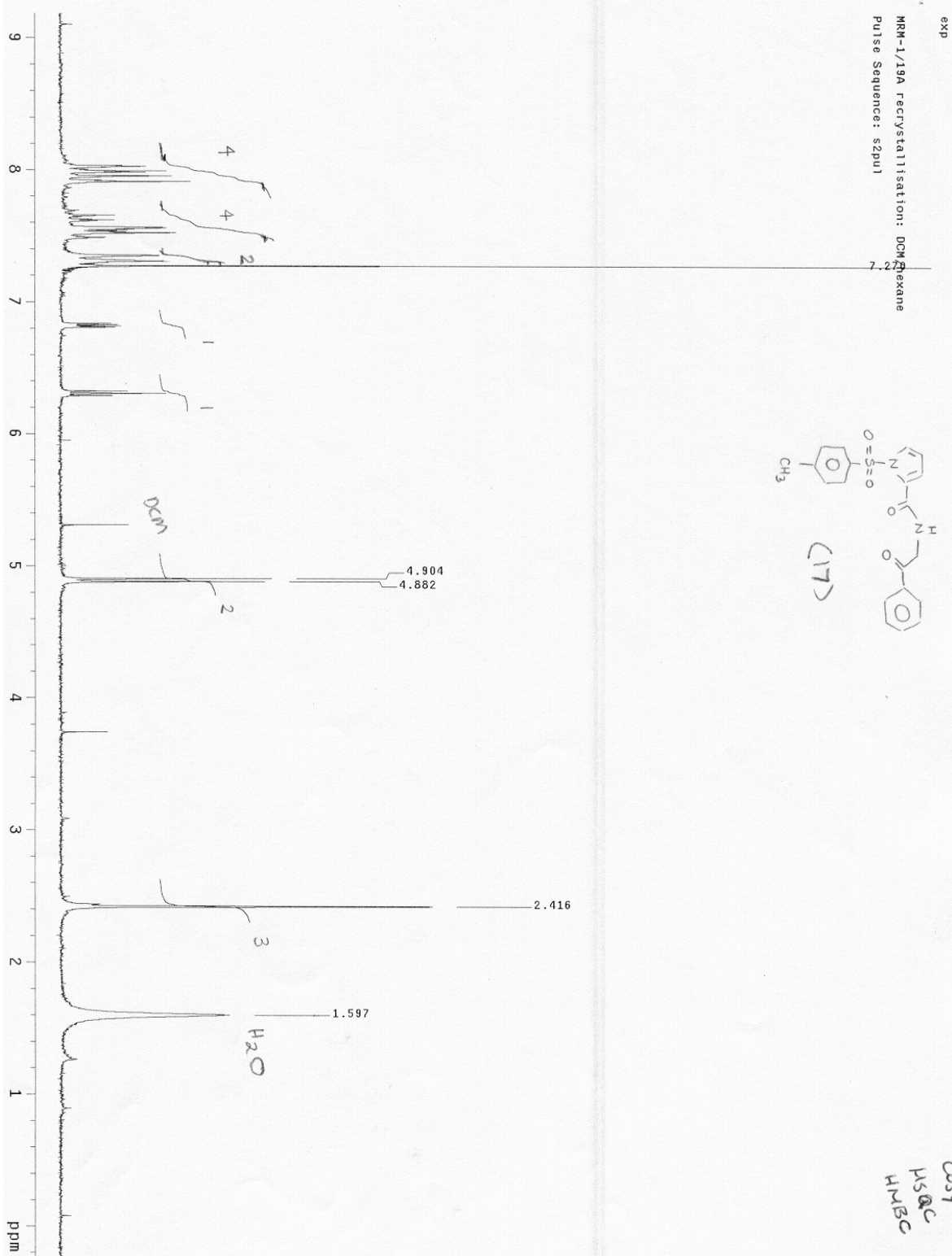


Figure S6: Spectrum of 5-Phenyl-2-(1-tosyl-1*H*-pyrrol-2-yl)-1,3-oxazole **18** (400 MHz)

