

Supporting Information for

**Synthesis and Crystal Structure of
dimethyl{N-[(2-oxy-1-naphthyl)methylene]leucinato}silicon**

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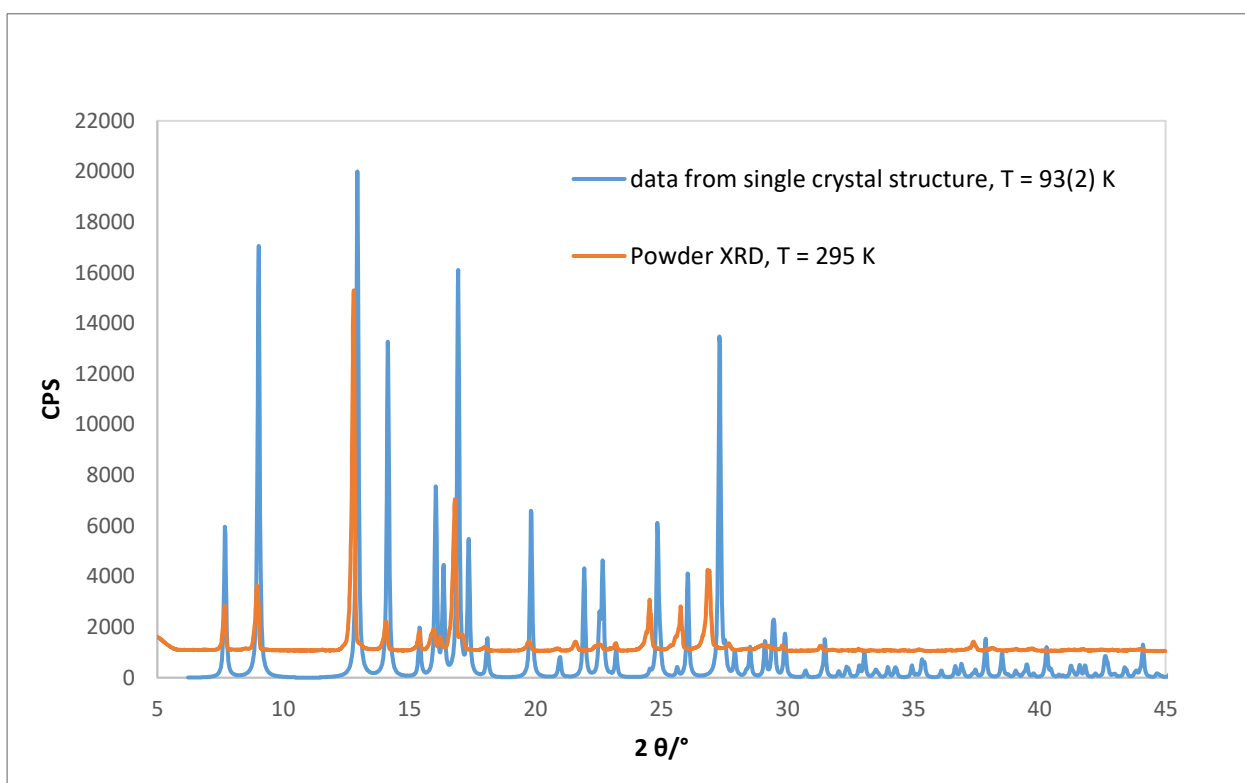


Figure S1: Powder XRD of the batch product of **1** measured at 295 K (orange line) and powder XRD generated from the single crystal structure measured at 93 K (blue line). The powder diffractogram was recorded on the X-ray diffractometer D2 PHASER from Bruker.

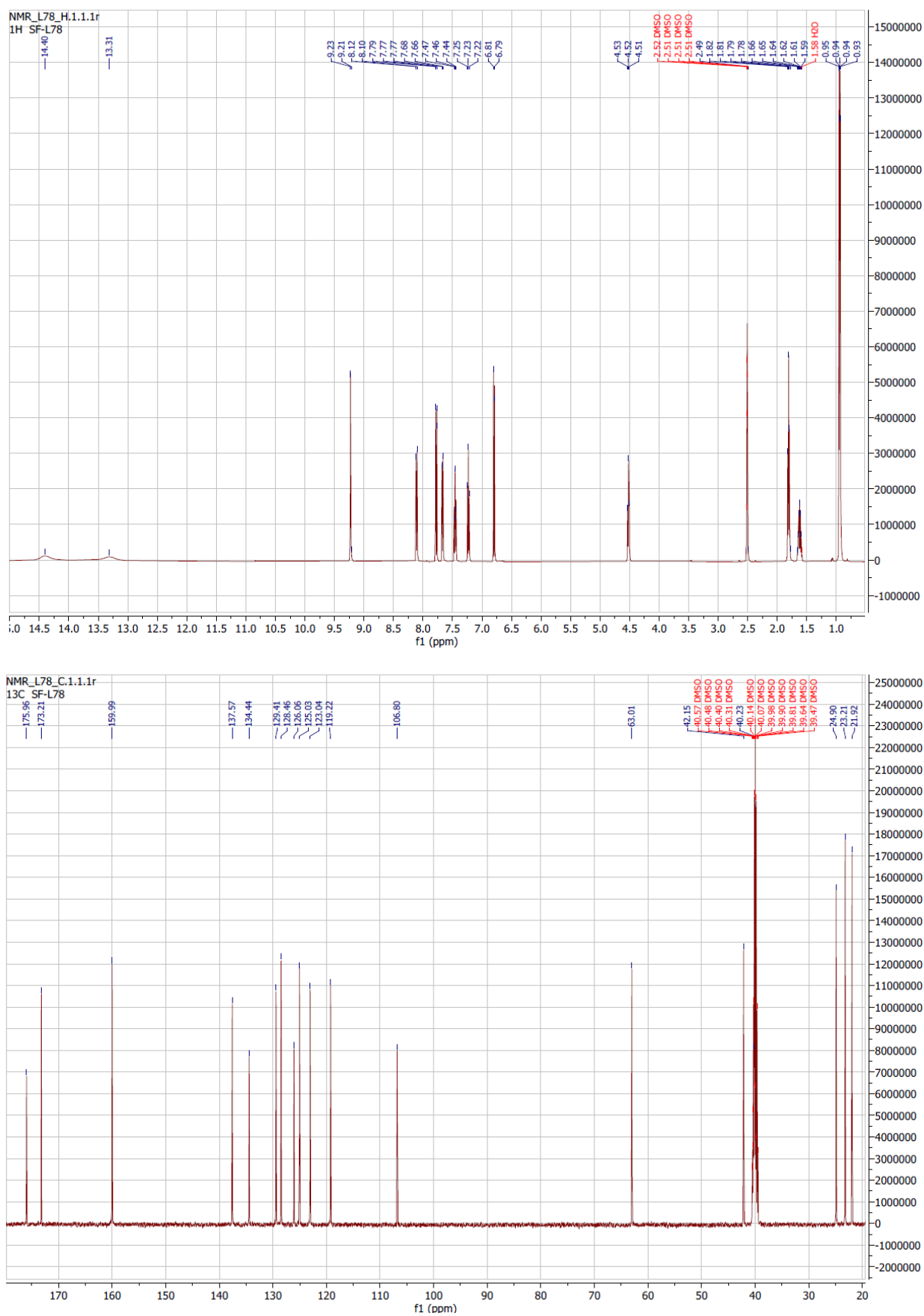


Figure S2: ¹H (top) and ¹³C NMR spectra (bottom) of the ligand N-(2-hydroxy-1-naphthylidene)leucine

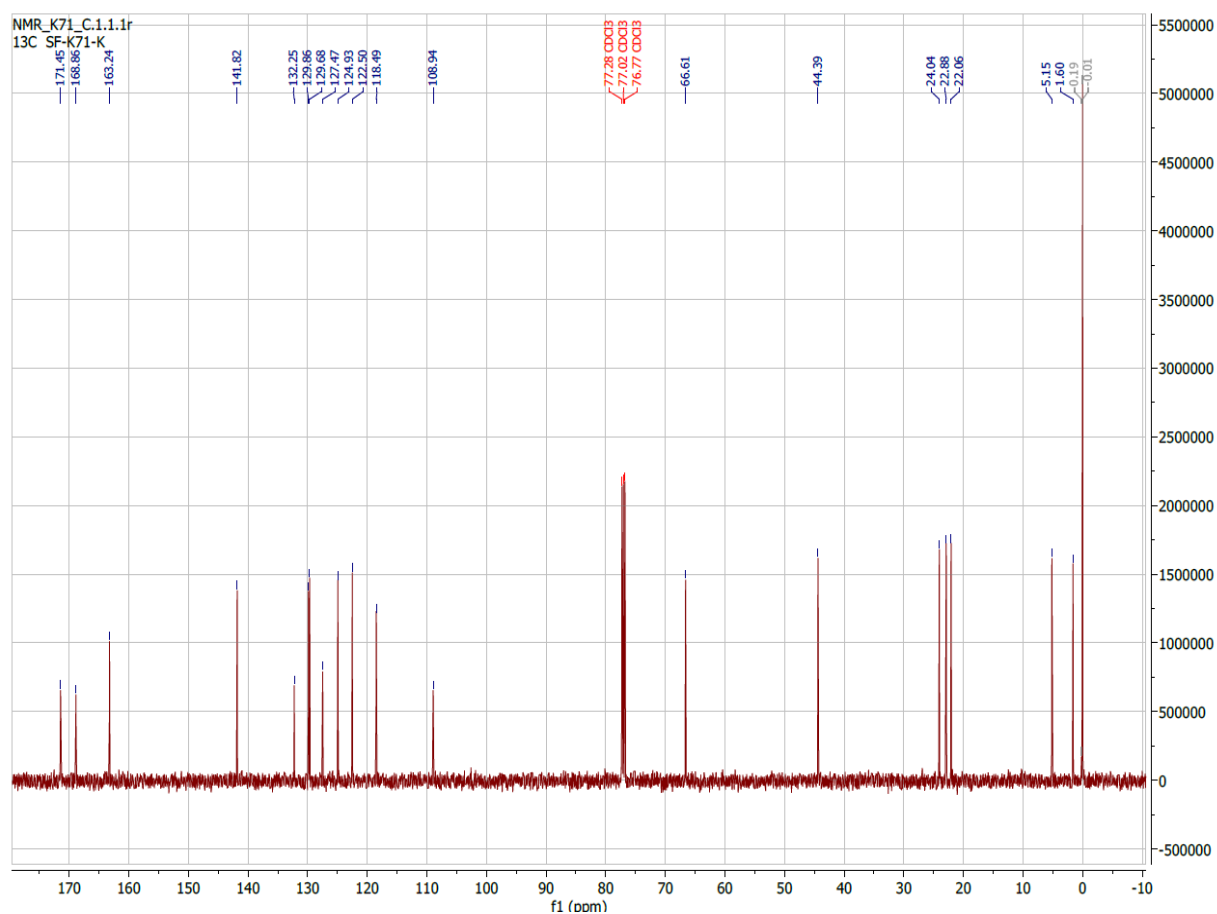
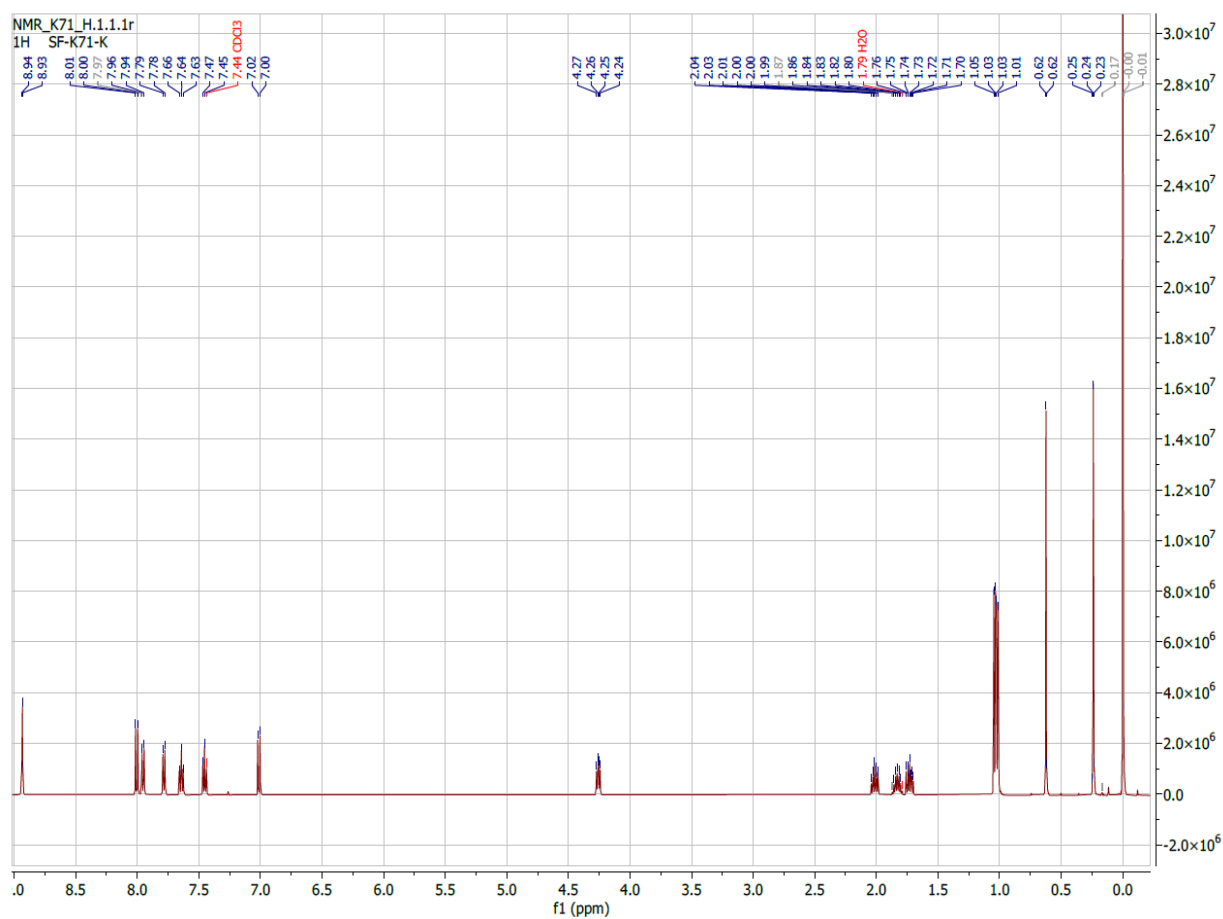


Figure S3: ¹H (top) and ¹³C NMR spectra (bottom) of **1**

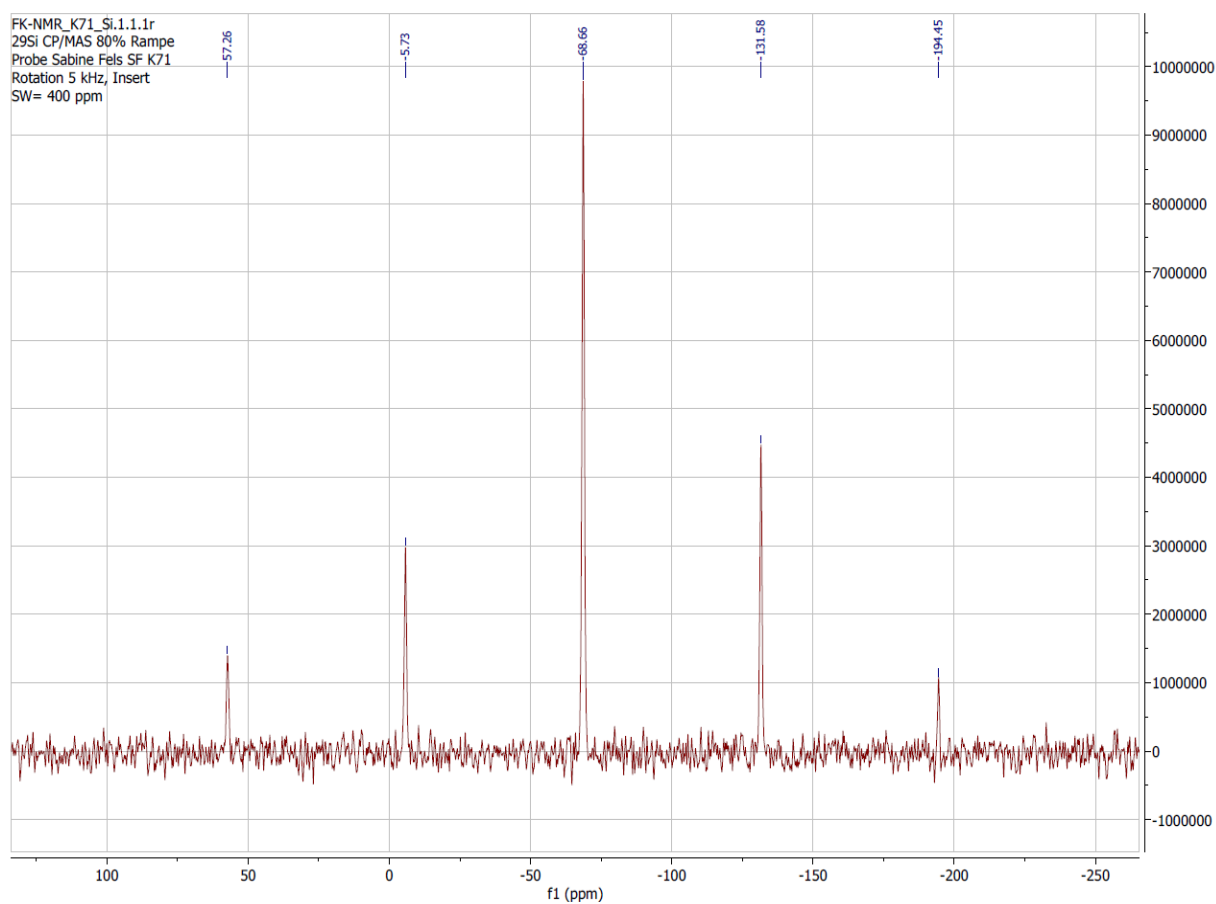
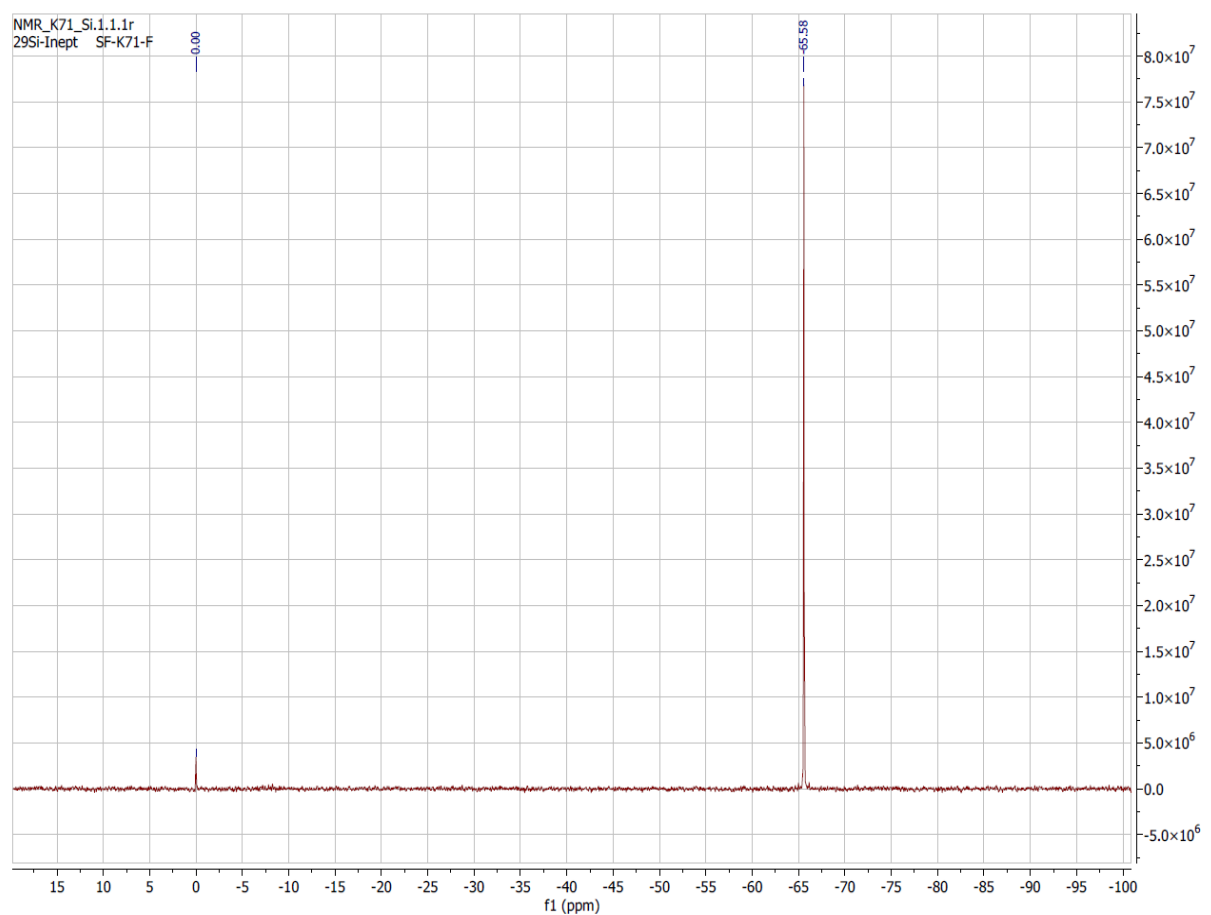


Figure S4: ^{29}Si NMR spectra in solution (top) and in solid state (bottom) of **1**

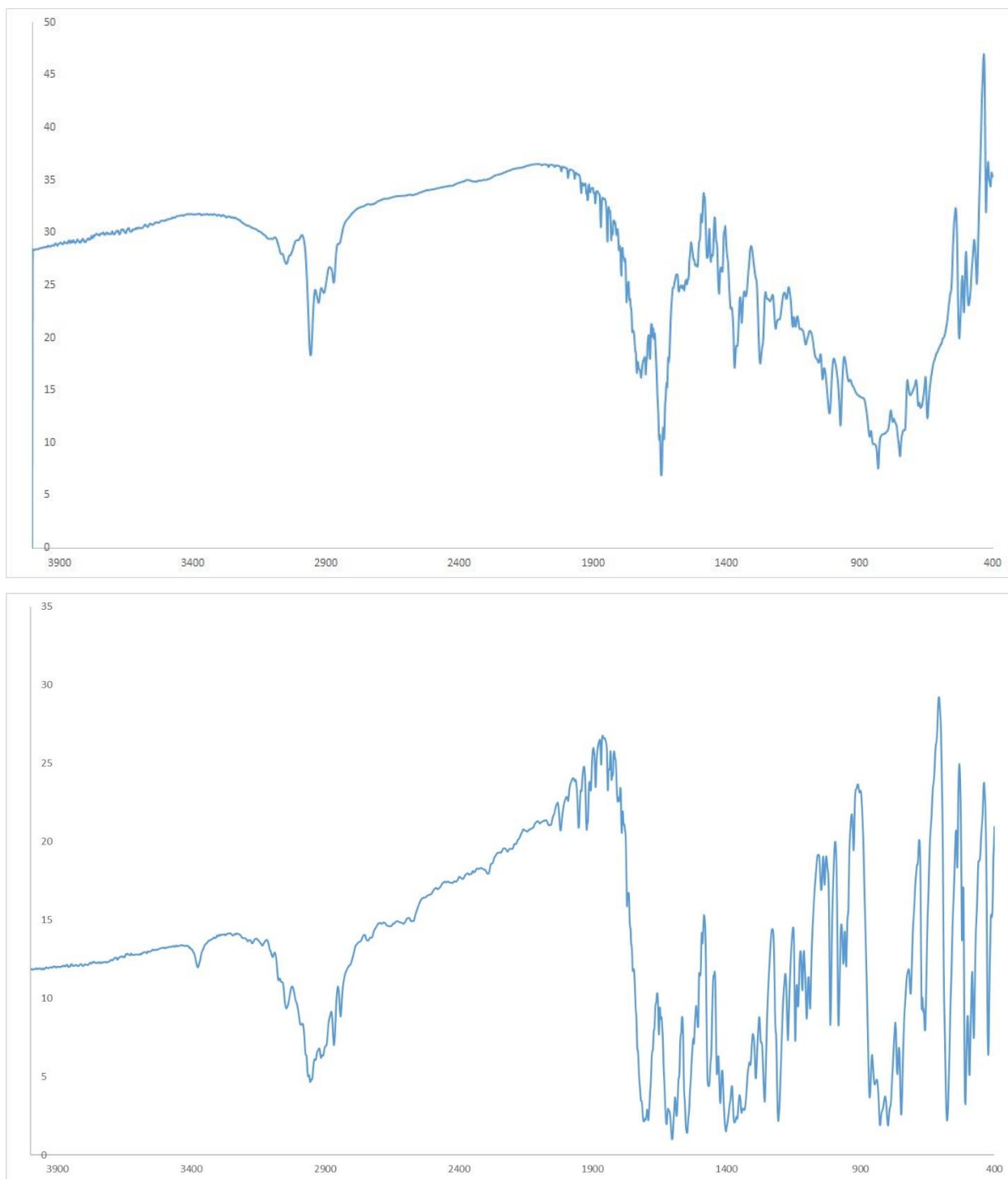


Figure S5: IR Spectra of ligand (top) and of complex **1** (bottom)

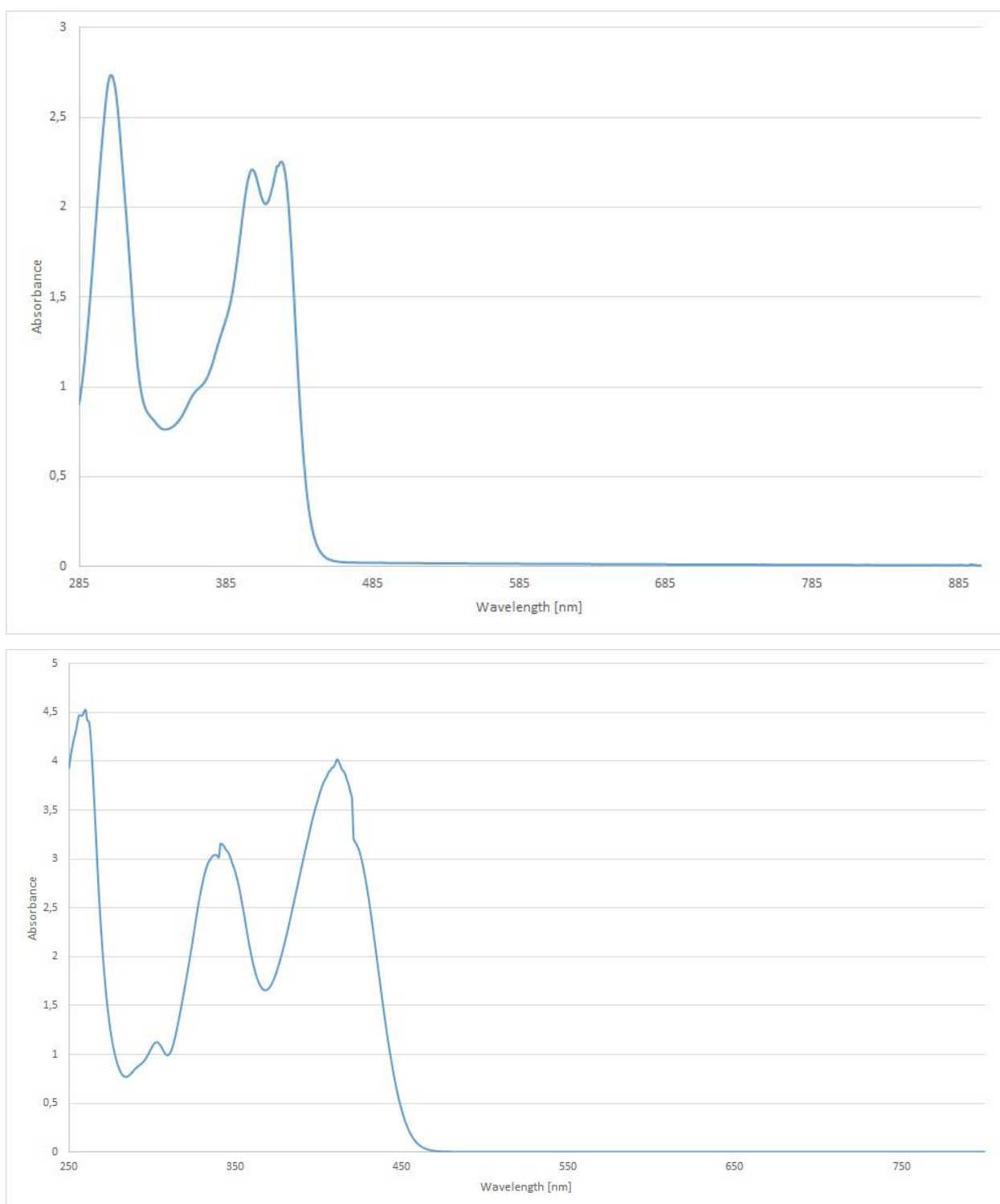


Figure S6: UV-Vis spectra of ligand (top) and of complex **1** (bottom)