

## Supporting Information

### 1-(2,3,5,6-Tetramethylphenyl)ethan-1-one

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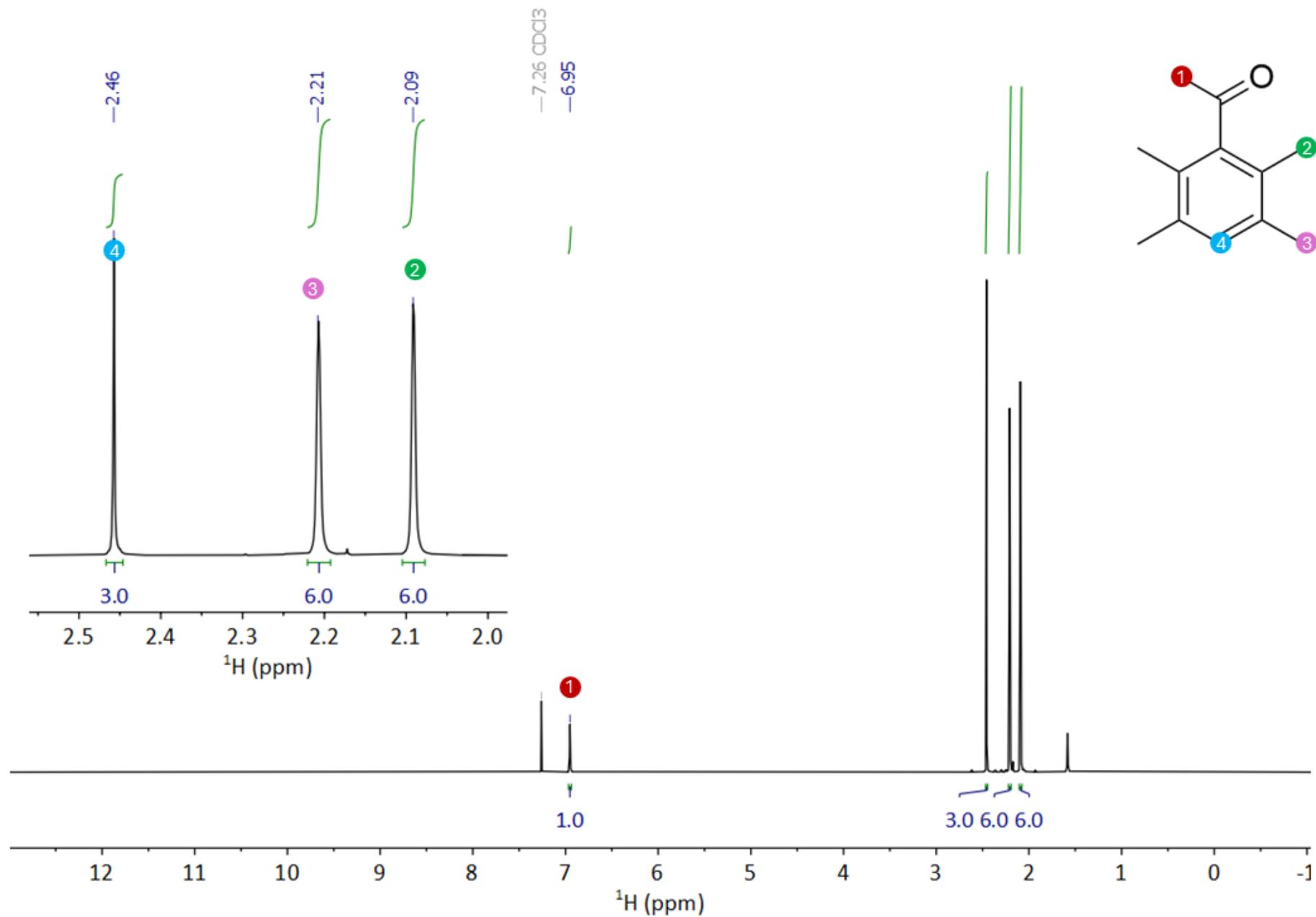


Figure S1: The  $^1\text{H}$  NMR spectrum of **1**. Acquired in  $\text{CDCl}_3$  at 400.3 MHz at ambient conditions.

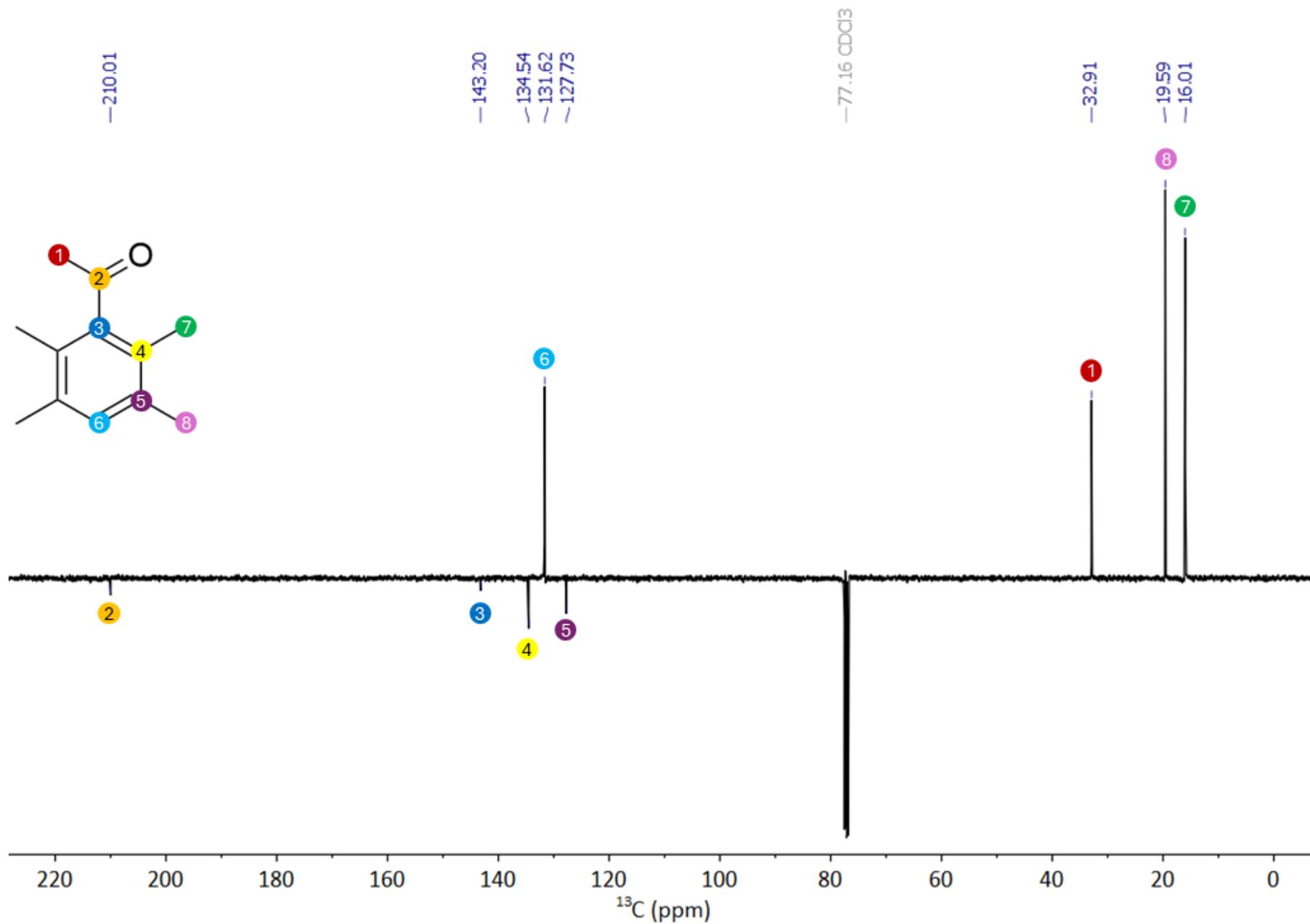


Figure S2: The  $^{13}\text{C}$  DEPTQ NMR spectrum of **1**. Acquired in  $\text{CDCl}_3$  at 100.6 MHz at ambient conditions.

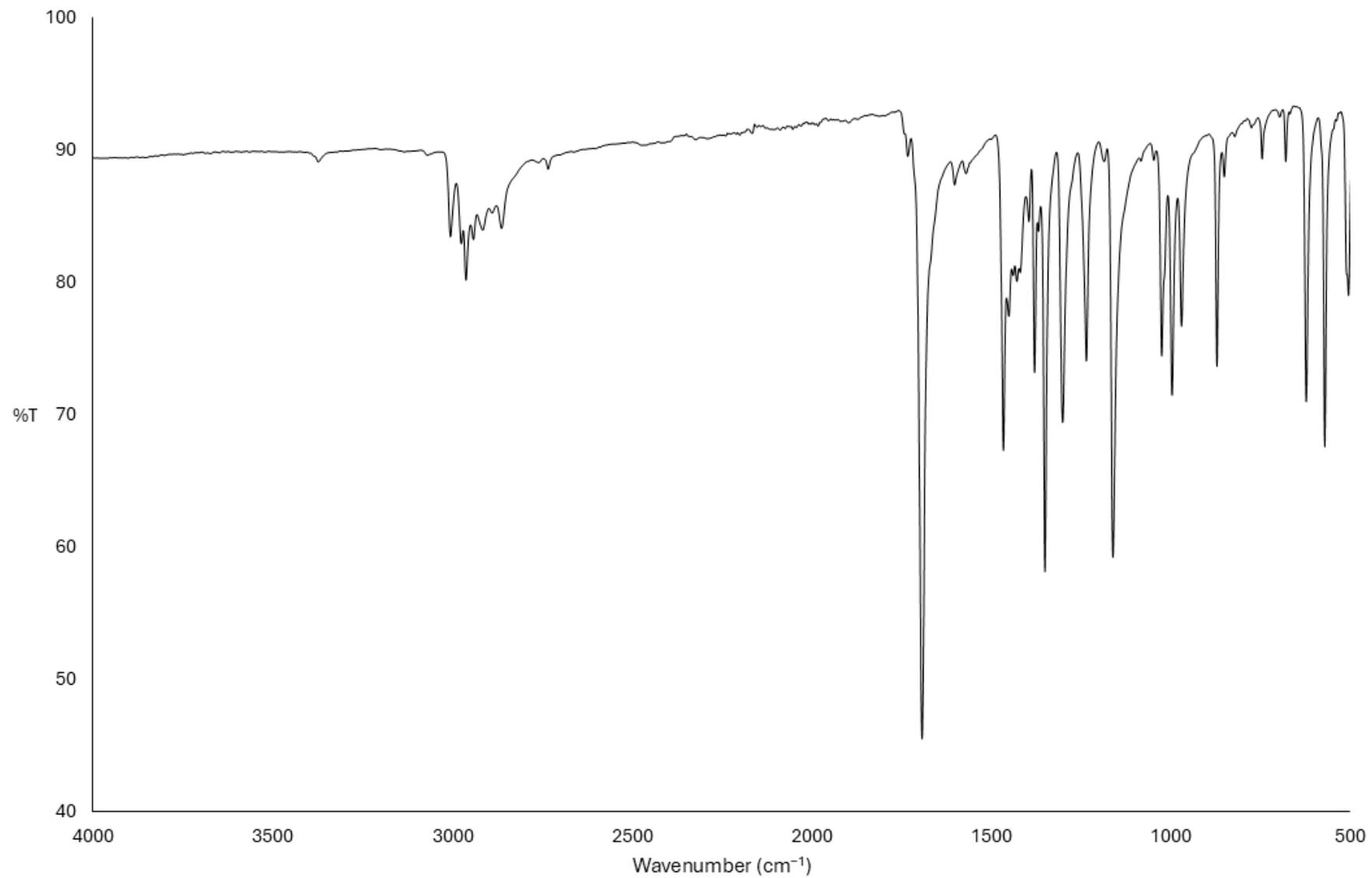


Figure S3: The ATR-IR spectrum of **1**.