



## Supporting Information

for

### Six-fold C–H borylation of hexa-*peri*-hexabenzocoronene

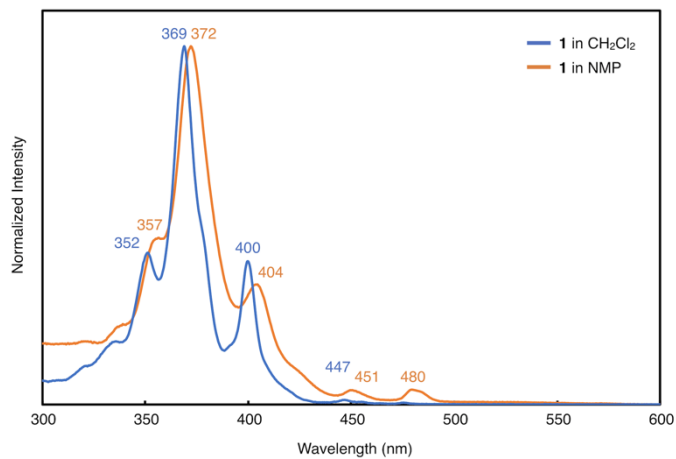
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### UV–vis spectra, NMR spectra and Cartesian coordinates

### 1. Photophysical measurements.

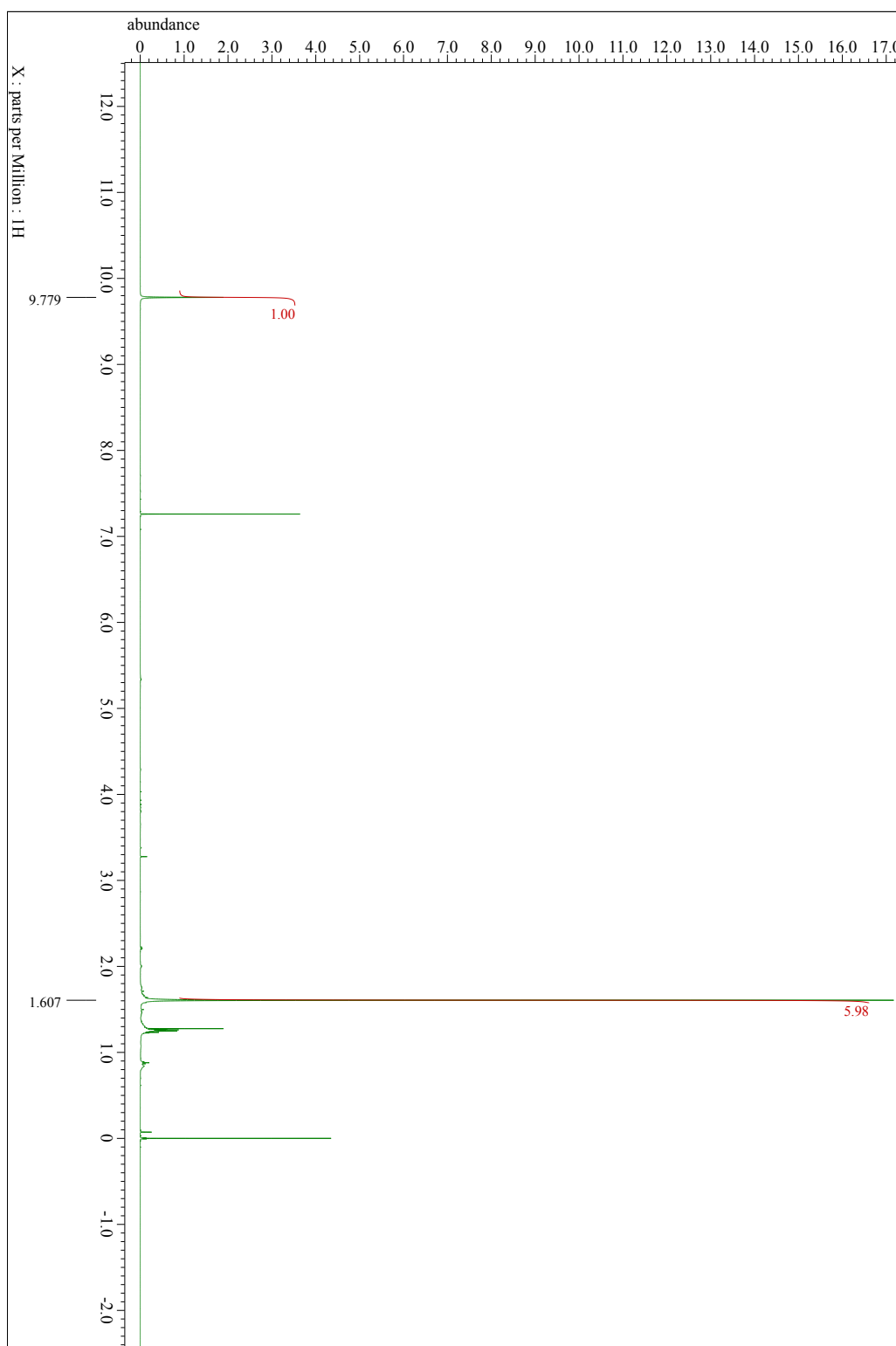
UV-vis absorption spectra of **1** in CH<sub>2</sub>Cl<sub>2</sub> and NMP are shown in Figure S1. It can be concluded that the bathochromic shift of **1** compared with HBC is not due to the solvent effect of NMP.



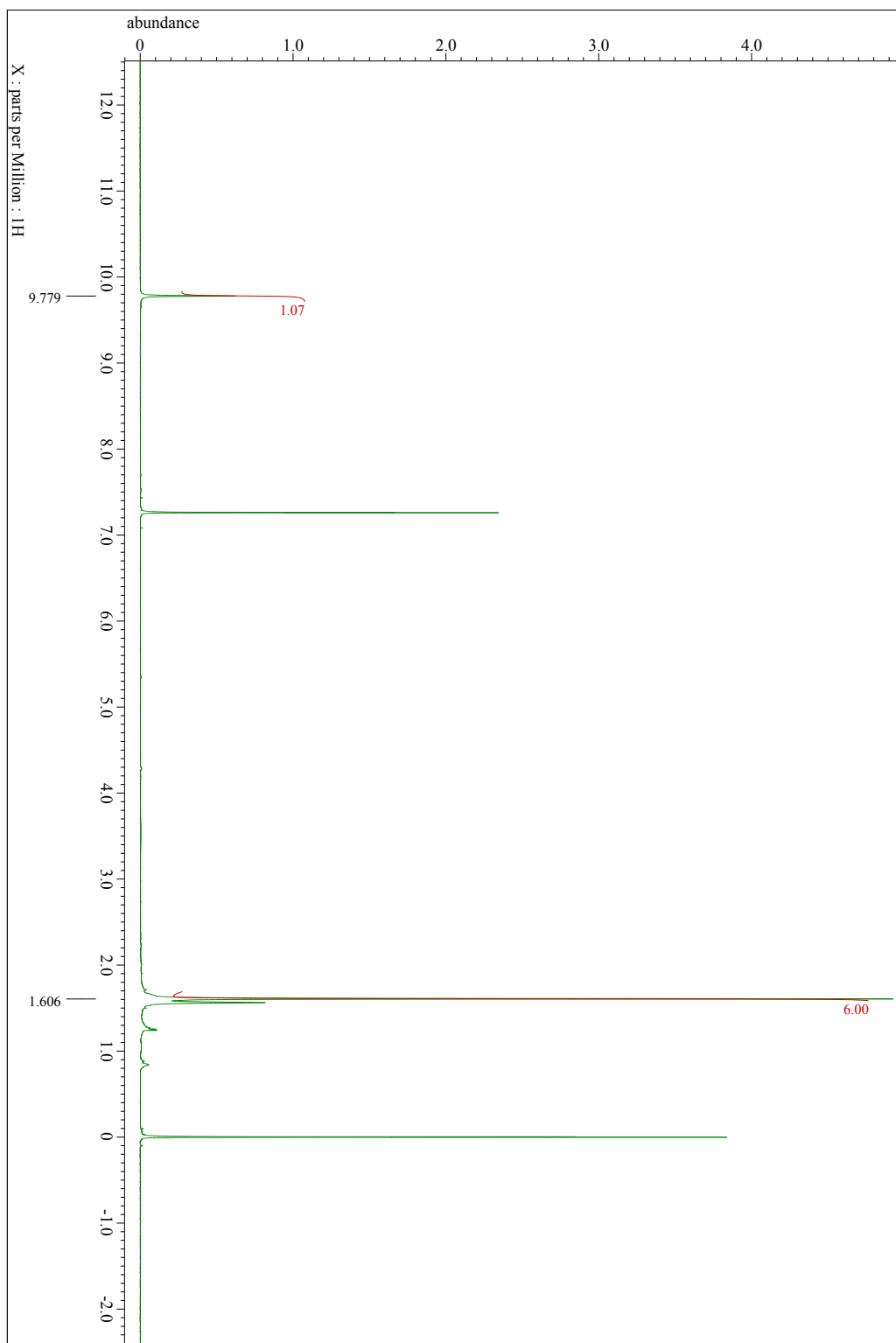
**Figure S1:** UV-vis absorption spectra of **1** in CH<sub>2</sub>Cl<sub>2</sub> and NMP.

## 2. $^1\text{H}$ NMR and $^{13}\text{C}$ NMR spectra of **1**.

$^1\text{H}$  NMR spectrum of **1** obtained from C–H borylation (600 MHz,  $\text{CDCl}_3$ )



$^1\text{H}$  NMR spectrum of **1** obtained from the stepwise synthesis (600 MHz,  $\text{CDCl}_3$ )



$^{13}\text{C}$  NMR spectrum of **1** (150 MHz,  $\text{CDCl}_3$ )

