

# Electronic Supporting Information

## *cis*-2,6-Dimethylpiperidide: a structural mimic for TMP or DA?

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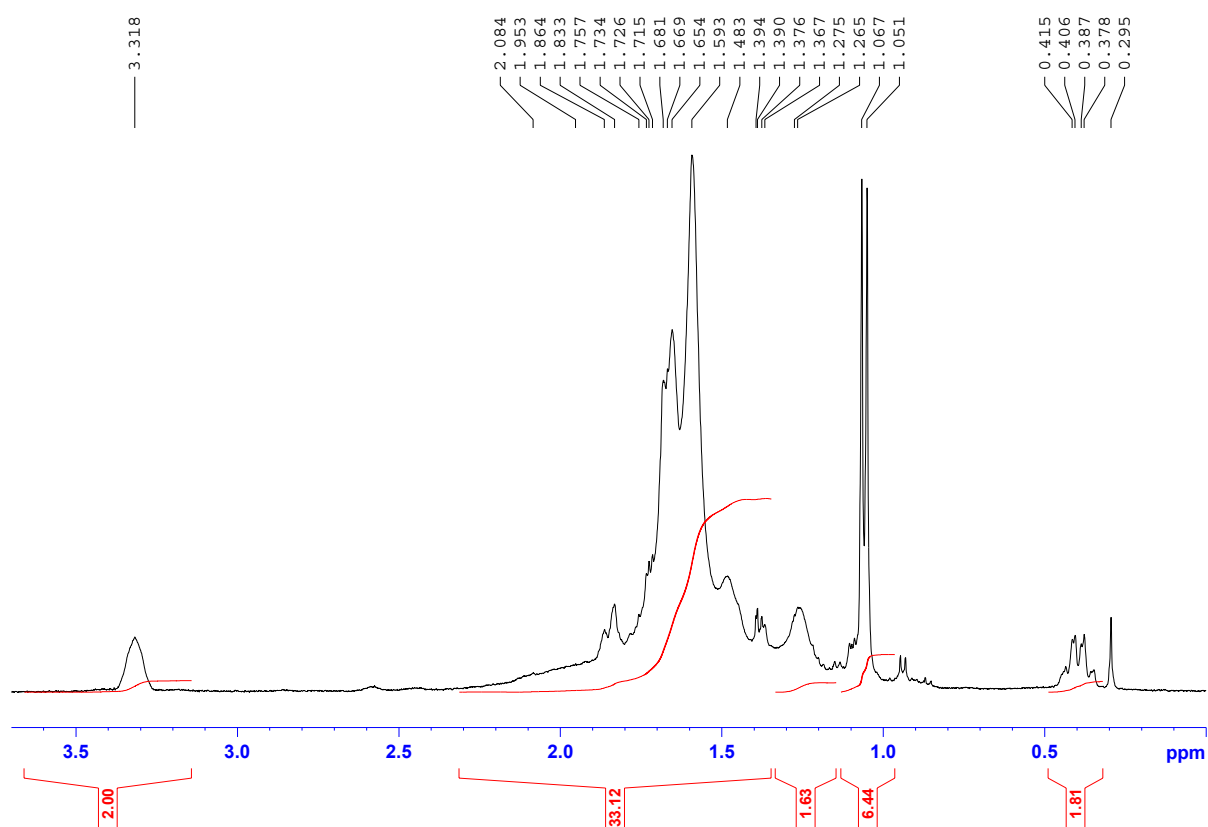


Figure S1:  $^1\text{H}$  NMR spectrum (400.13 MHz,  $\text{C}_6\text{D}_6$ , 300K) of **1**.

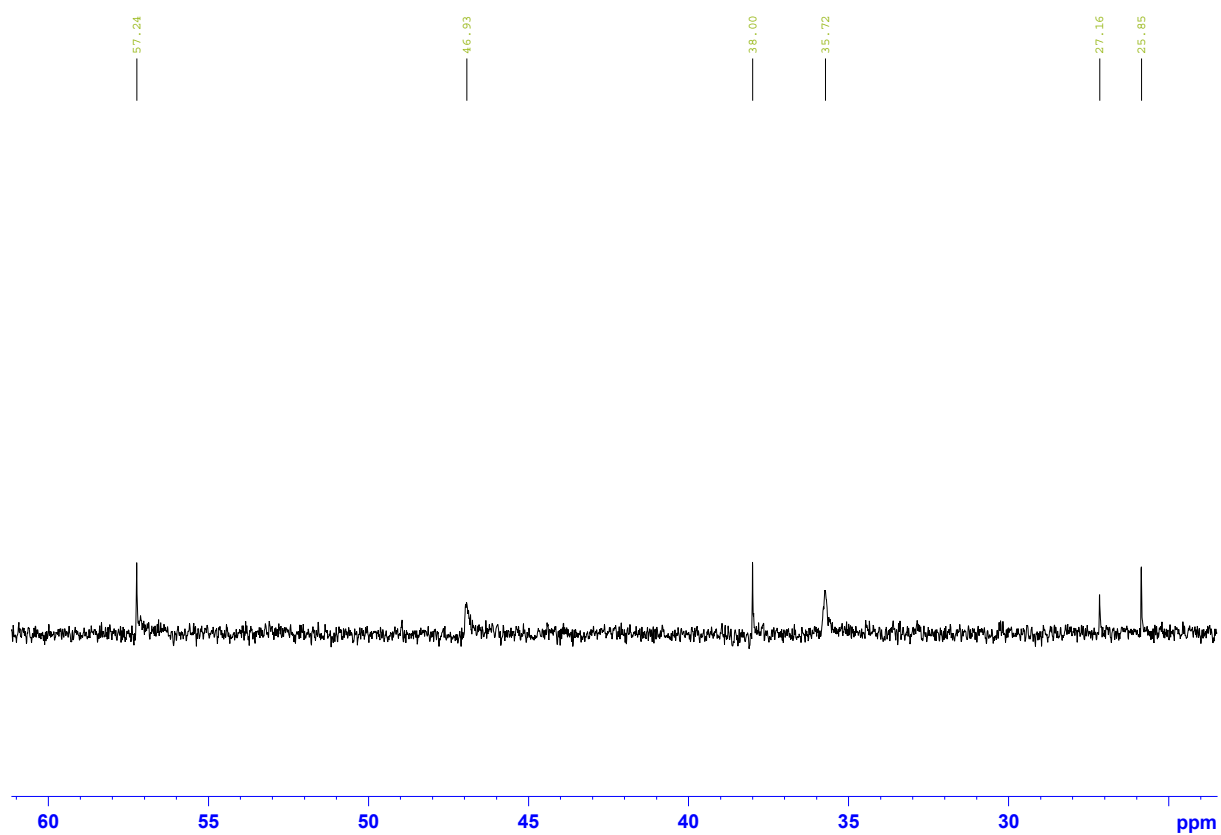


Figure S2:  $^{13}\text{C}$  NMR spectrum (100.62 MHz,  $\text{C}_6\text{D}_6$ , 300K) of **1**.

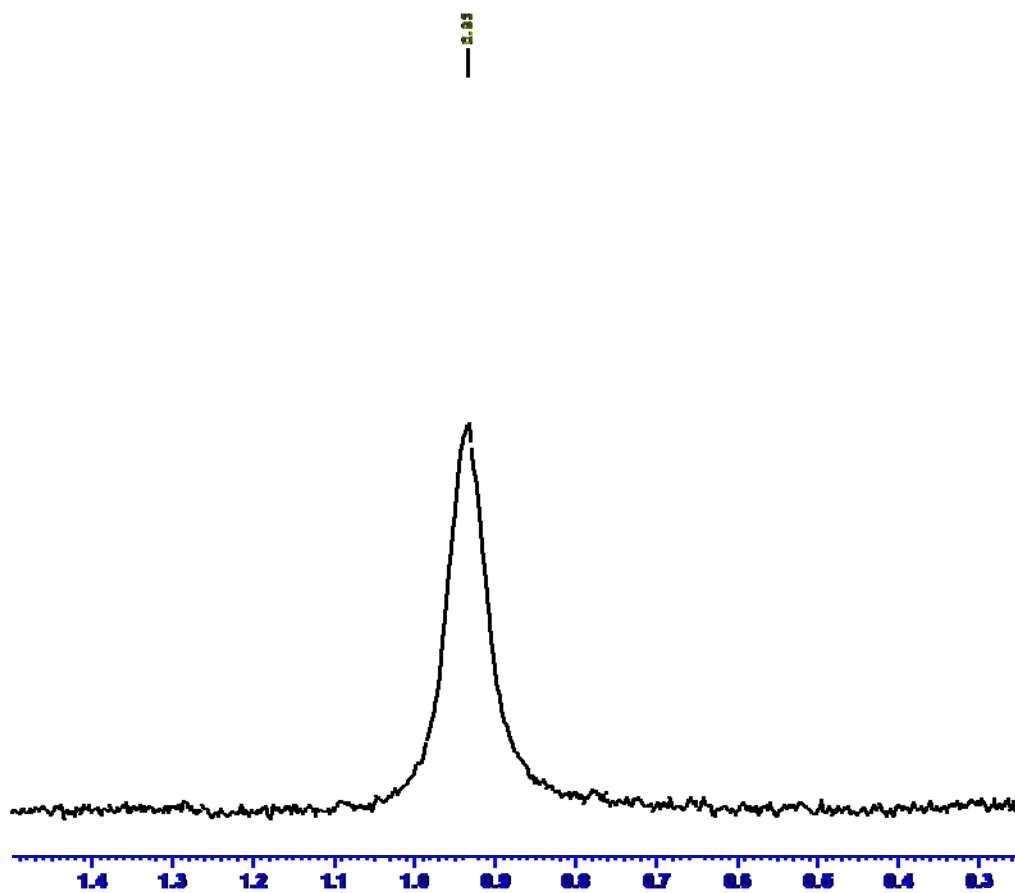


Figure S3:  $^7\text{Li}$  NMR spectrum (155 MHz,  $\text{C}_6\text{D}_6$ , 300K) of **1**.

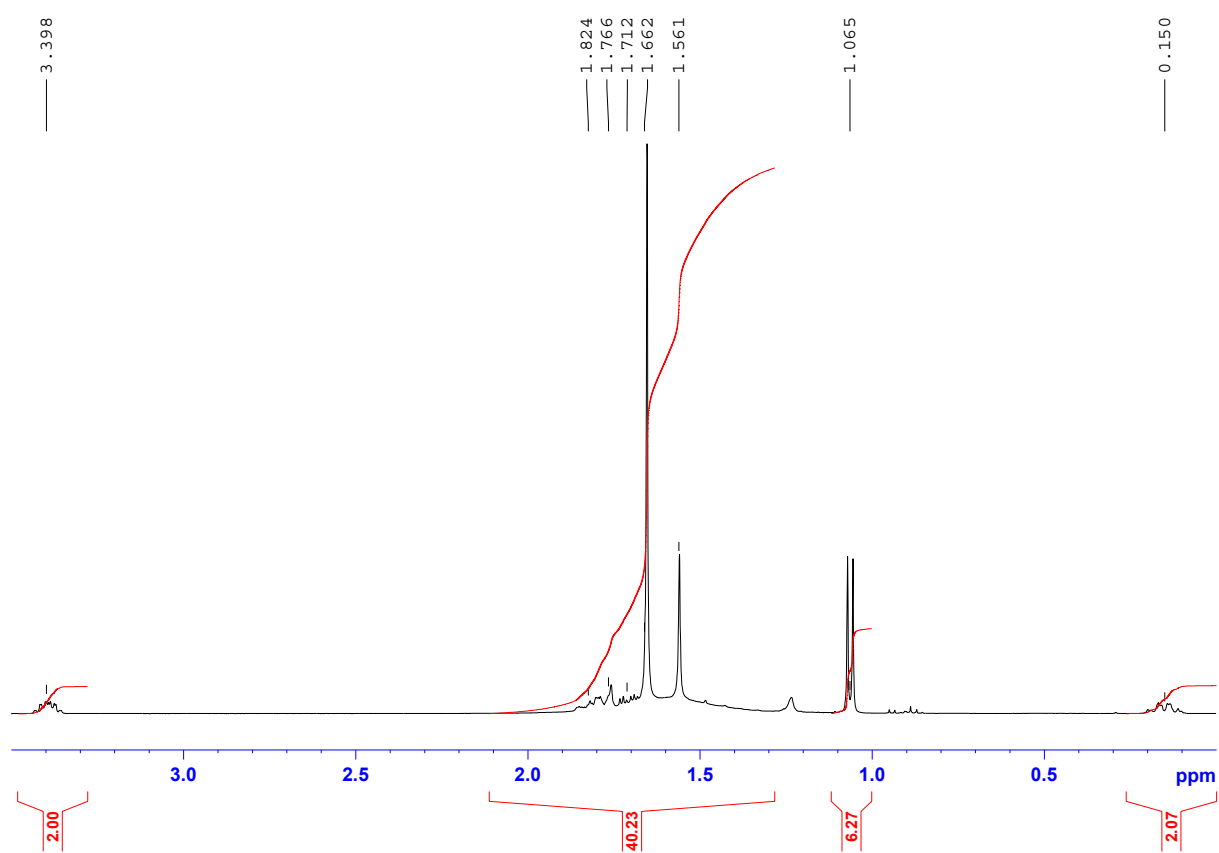


Figure S4:  $^1\text{H}$  NMR spectrum (400.13 MHz,  $\text{C}_6\text{D}_6$ , 300K) of 2.













