

Supplementary Materials

(Submitted to Tetrahedron on March 2014)

Transition metal-free oxidation of ynamides for synthesis of α -keto-imides

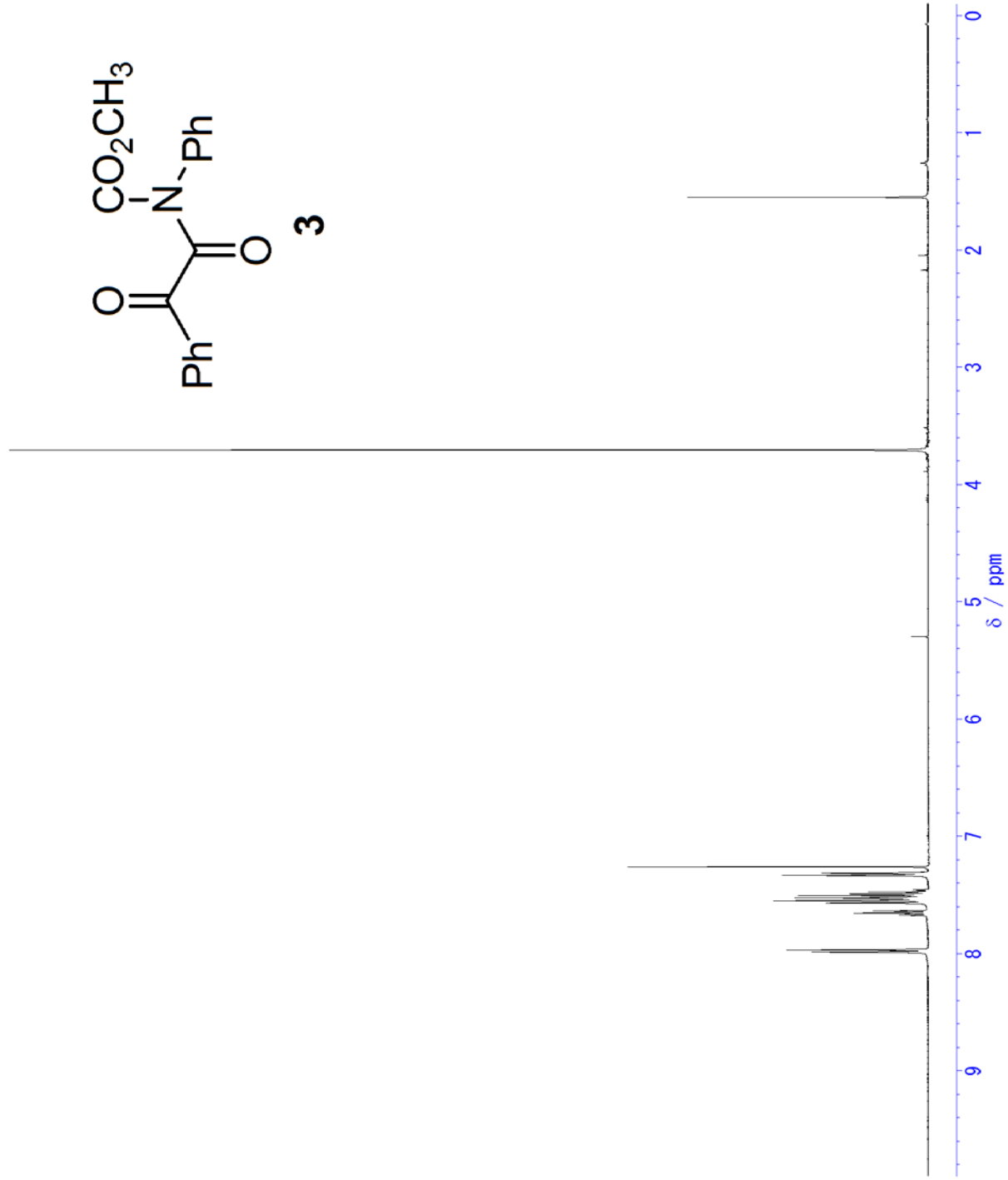
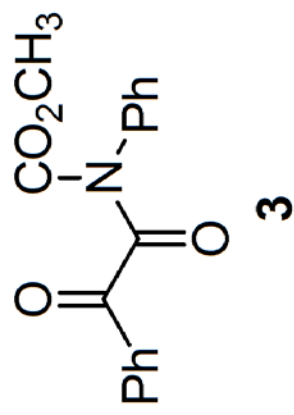
Takuya Chikugo, Yuta Yauchi, Masataka Ide, and Tetsuo Iwasawa*

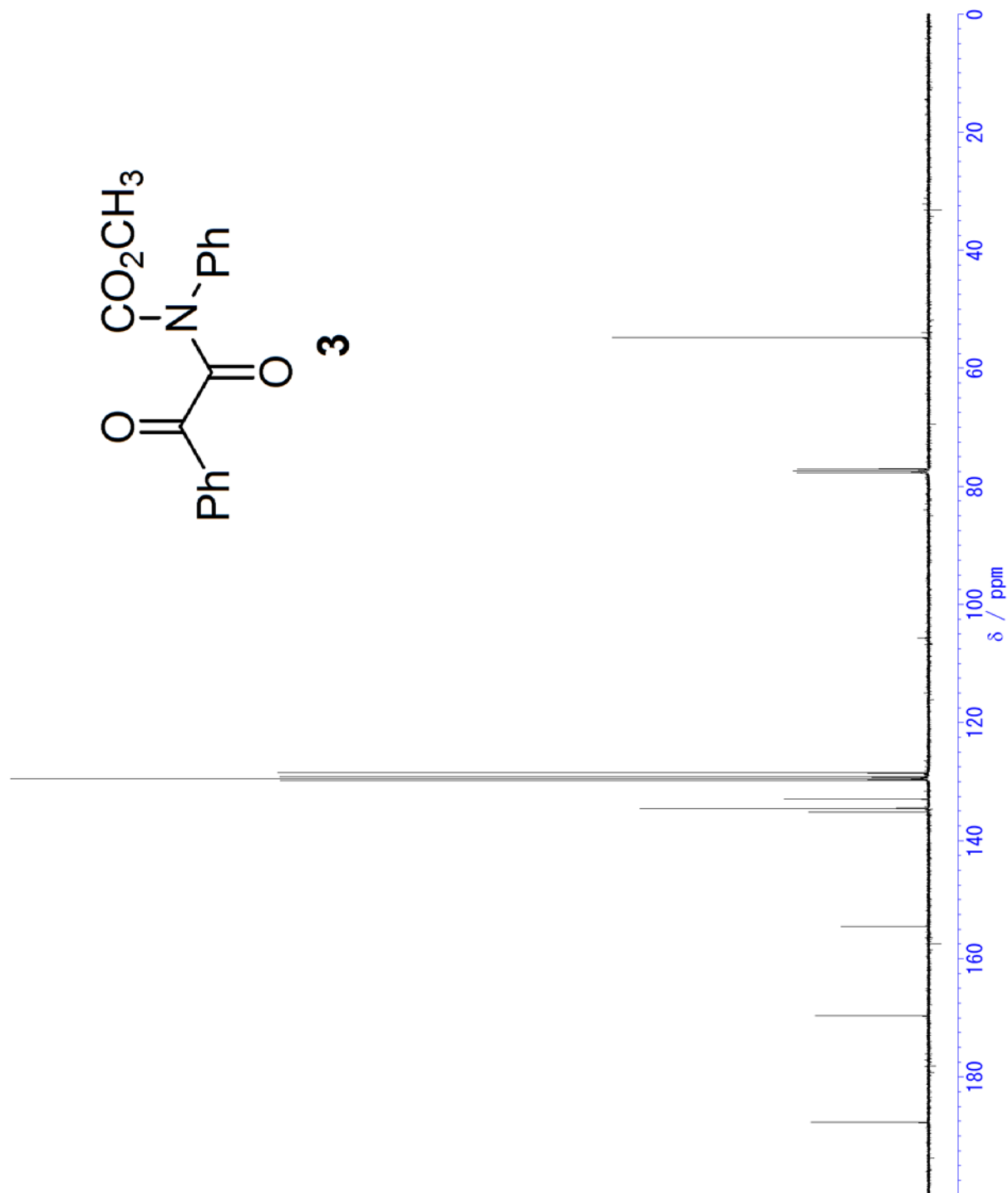
Department of Materials Chemistry, Faculty of Science and Technology, Ryukoku University,

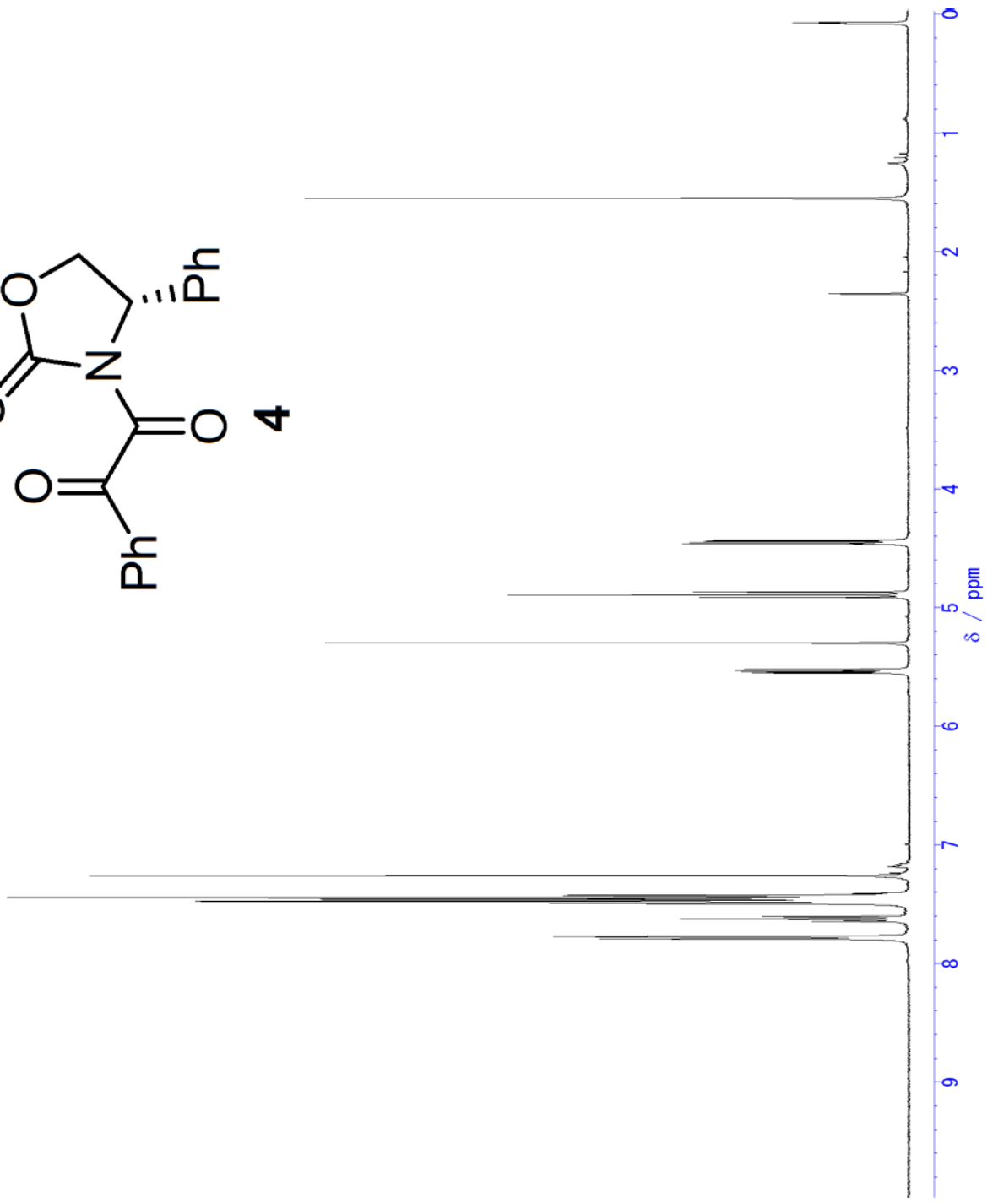
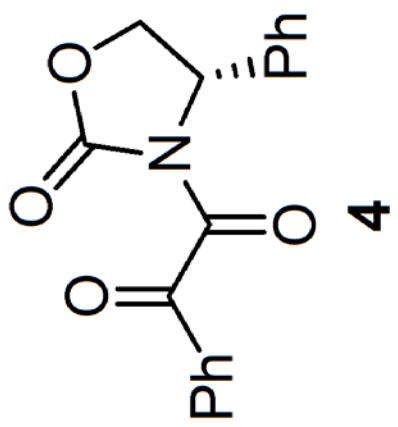
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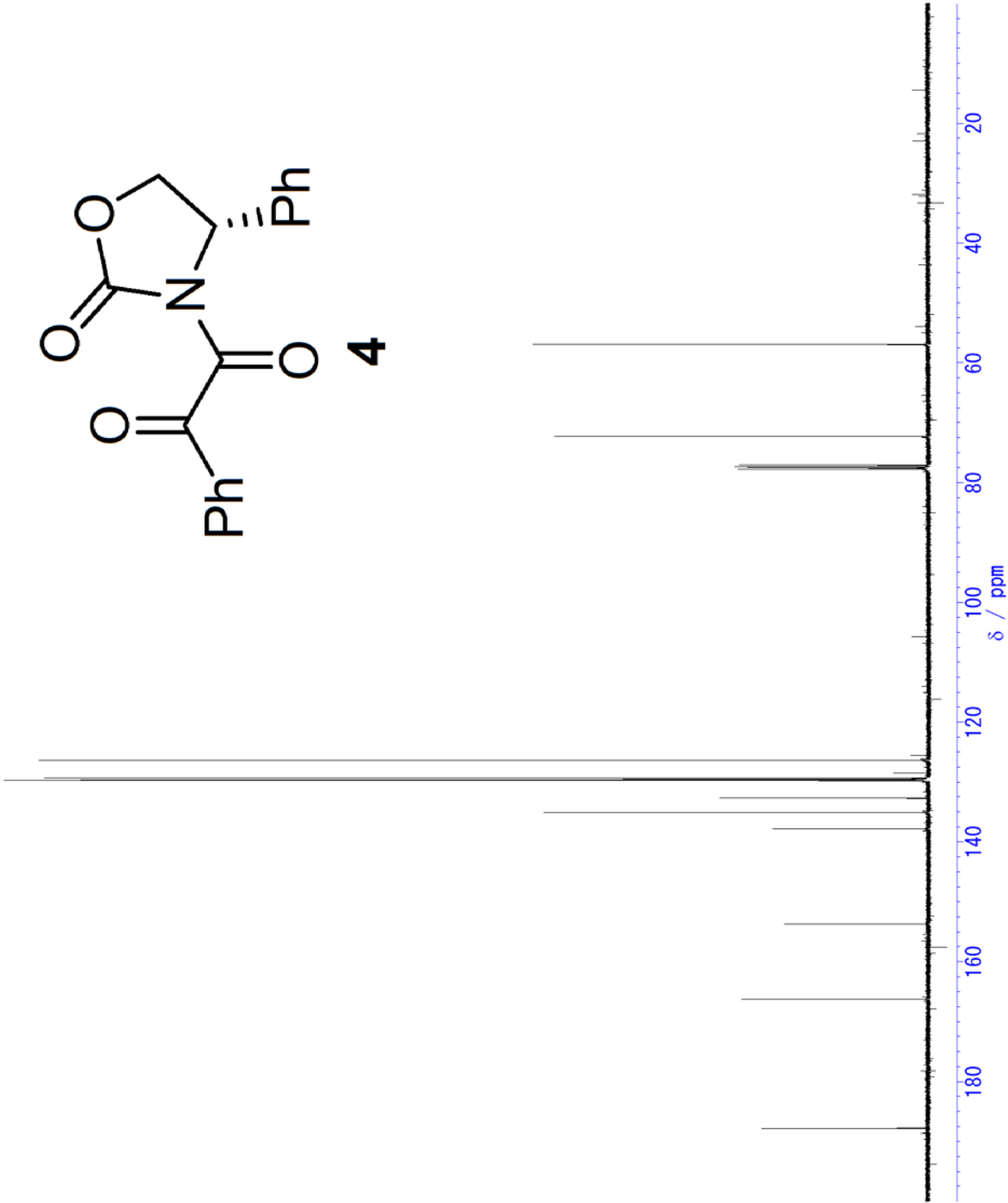
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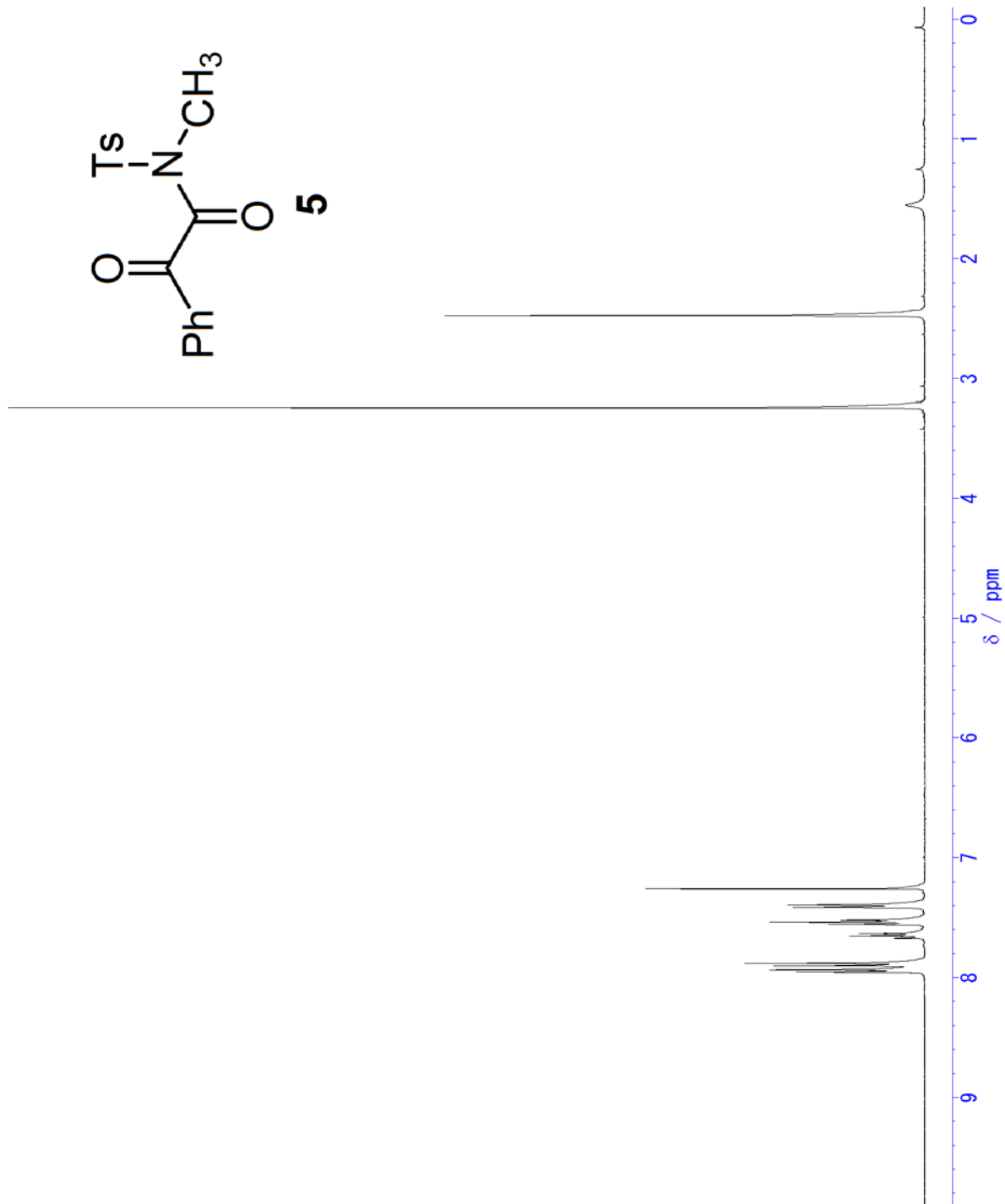
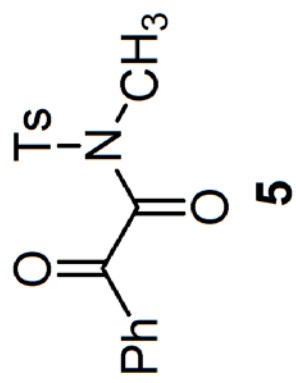
^1H NMR and ^{13}C NMR for newly synthesized compounds **3-9** were attached as follows.

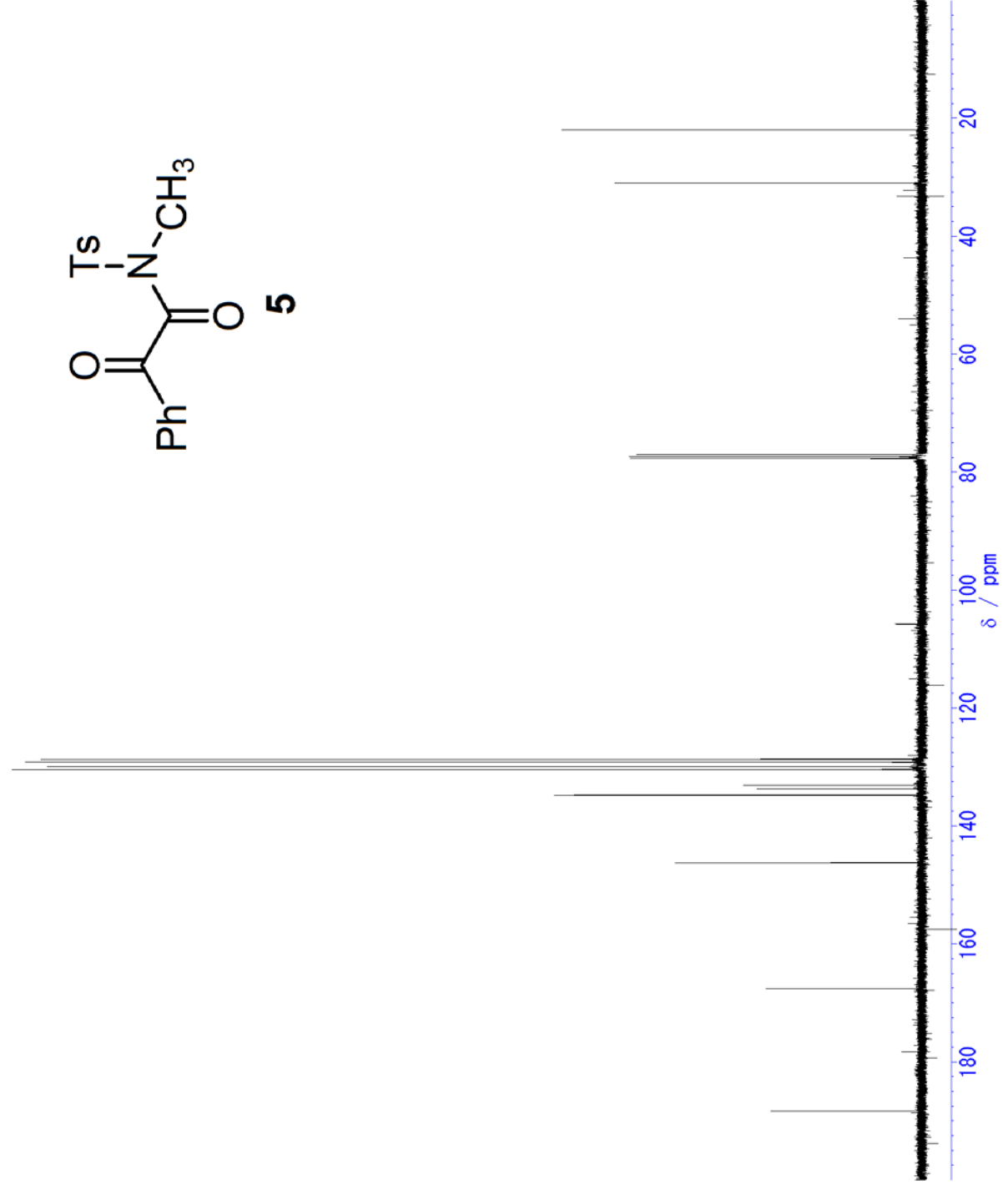
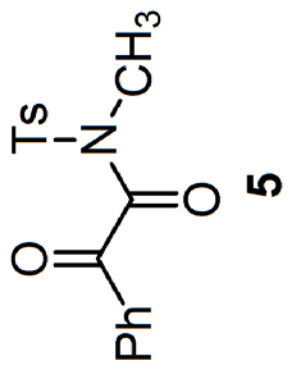


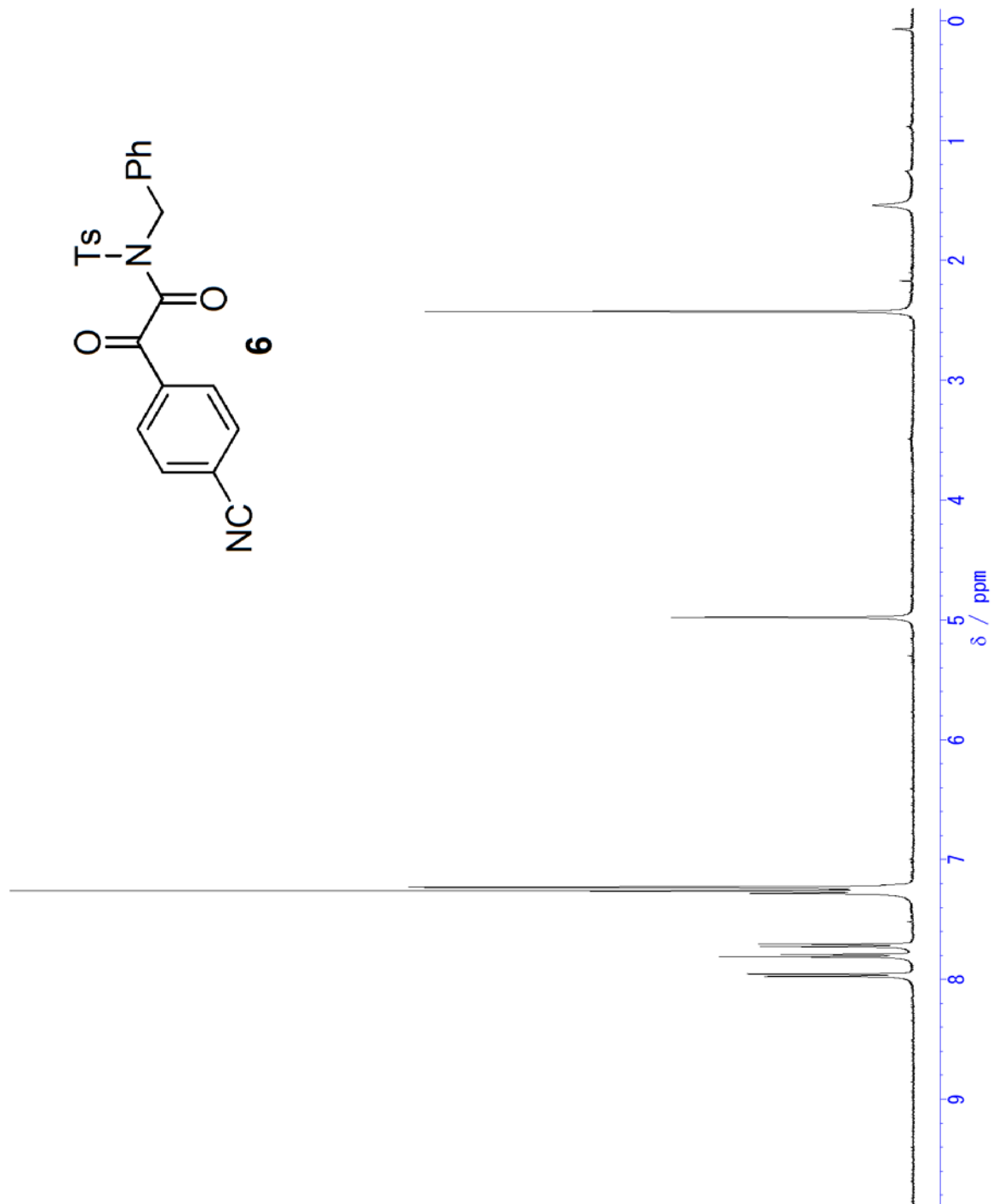


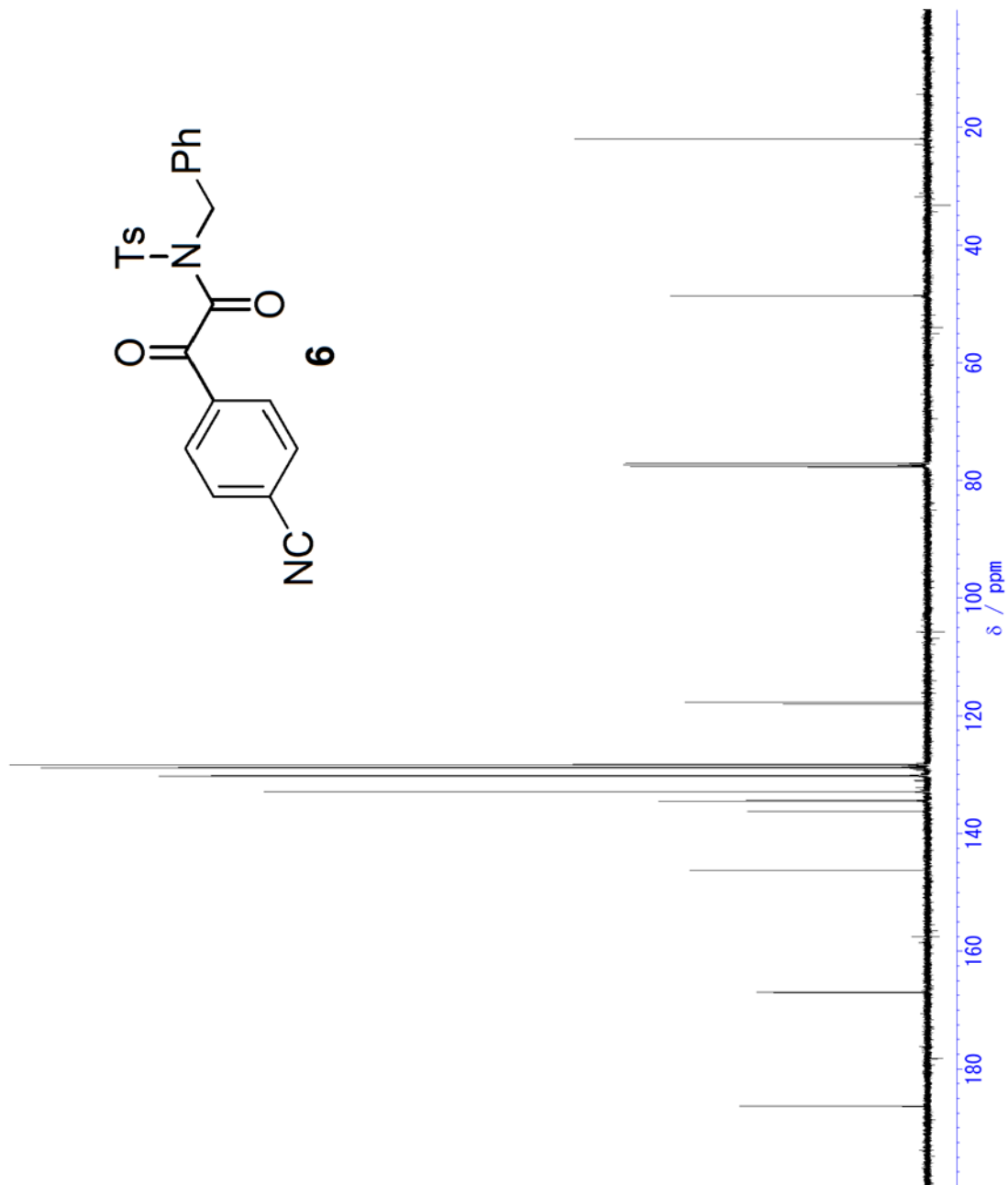
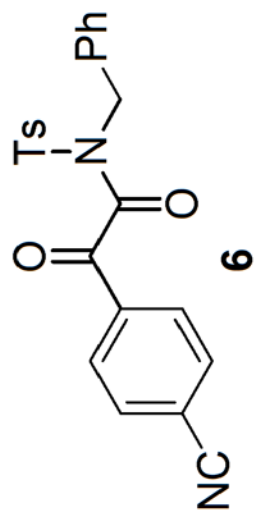


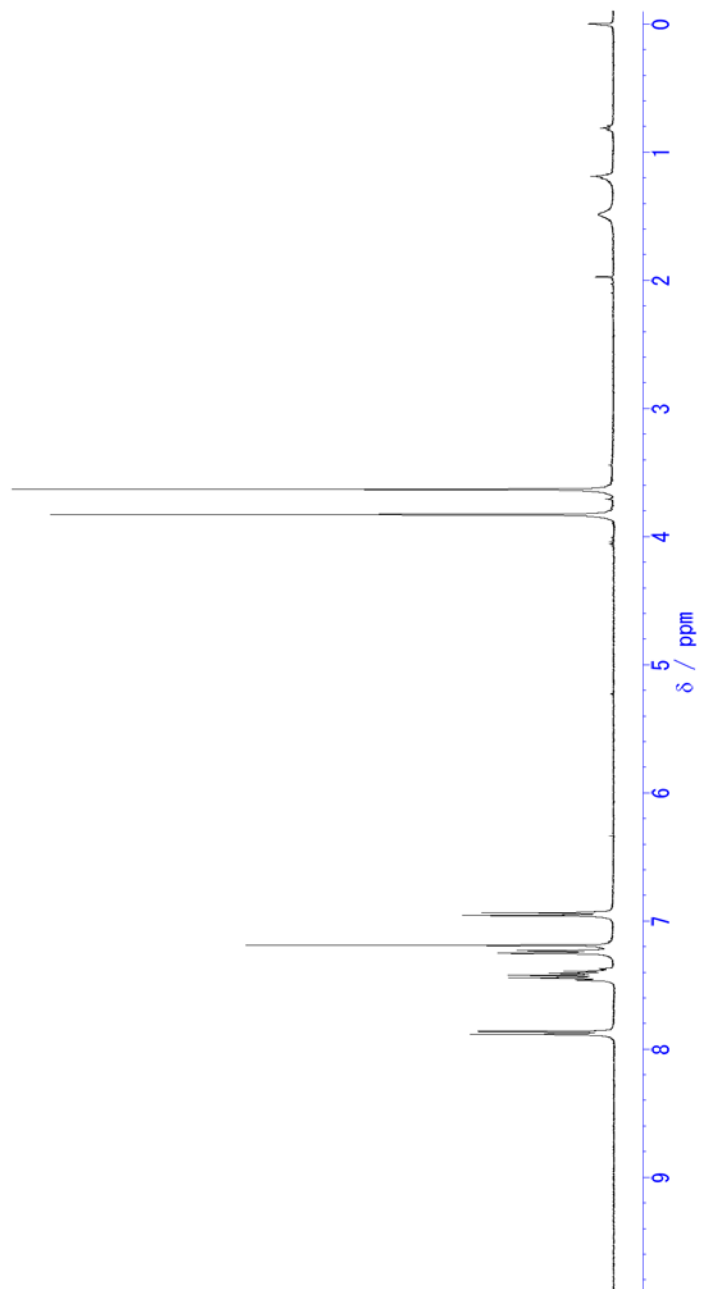
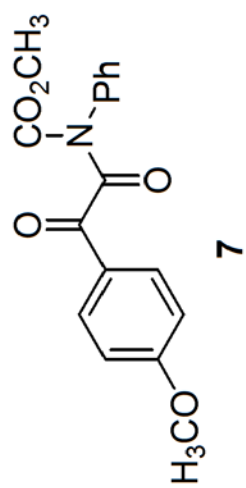


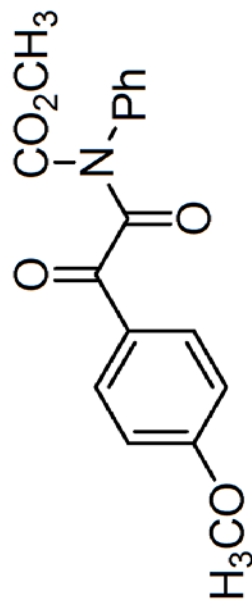




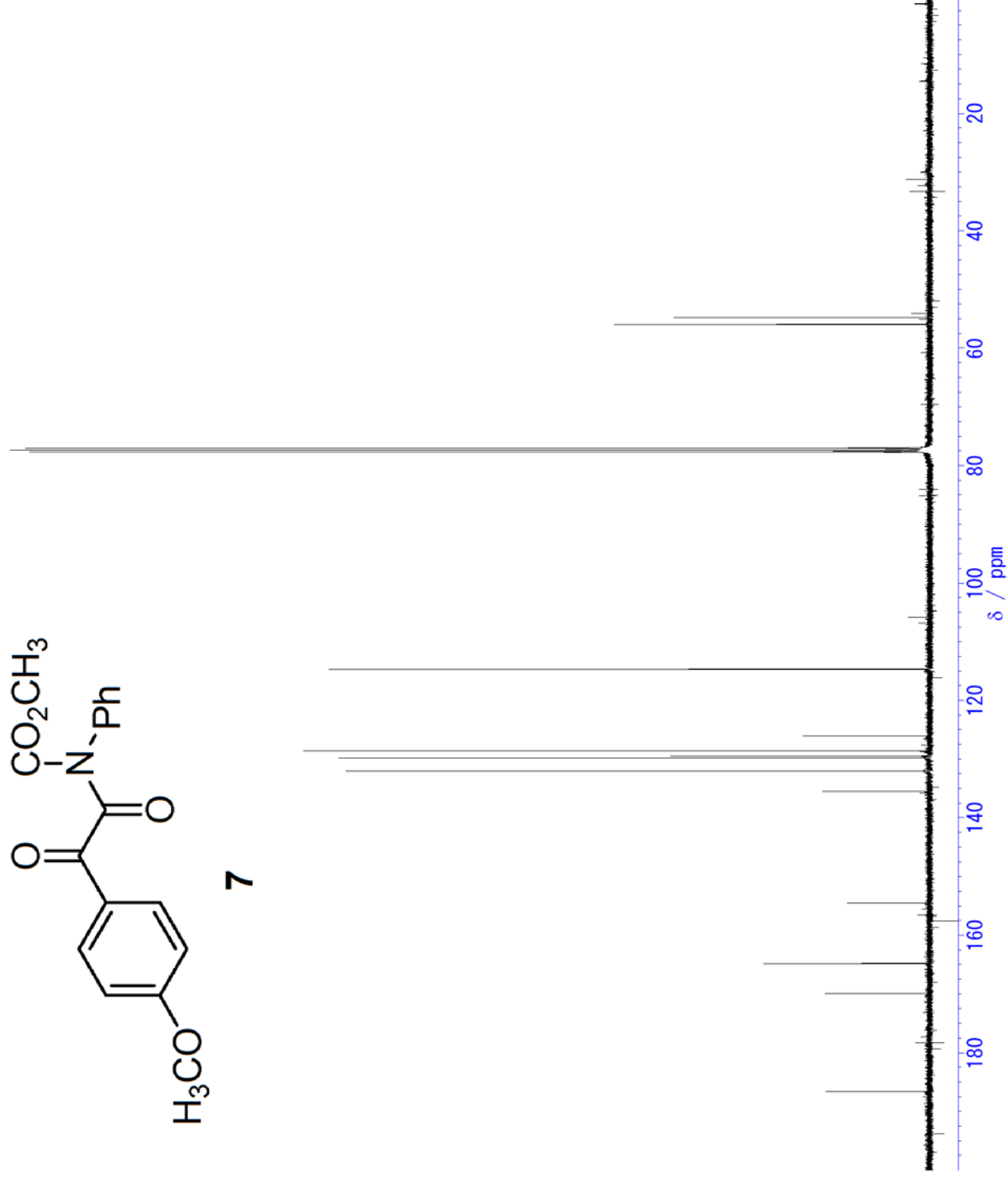


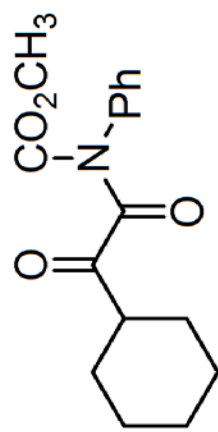




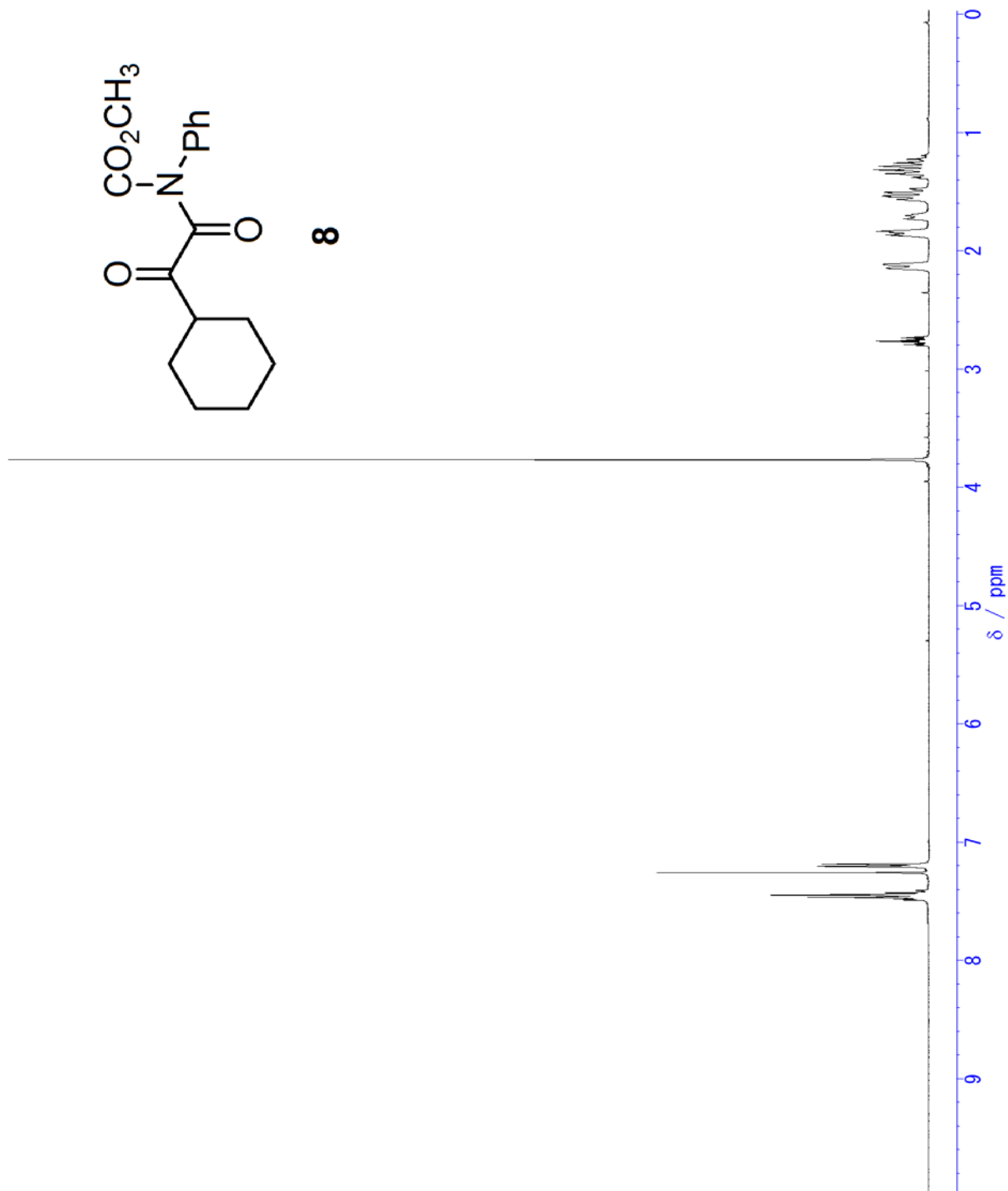


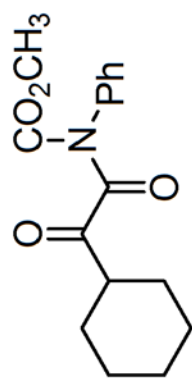
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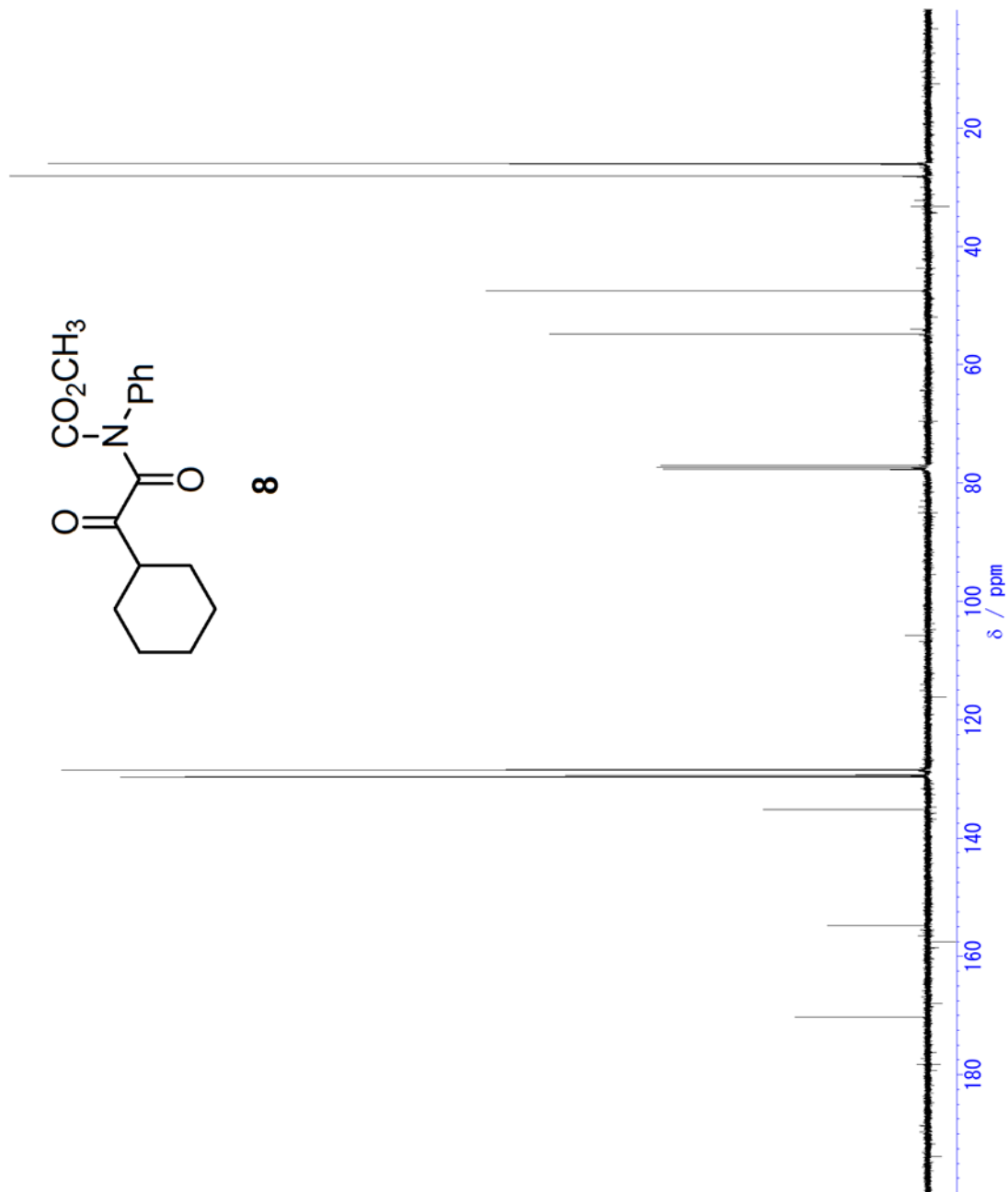


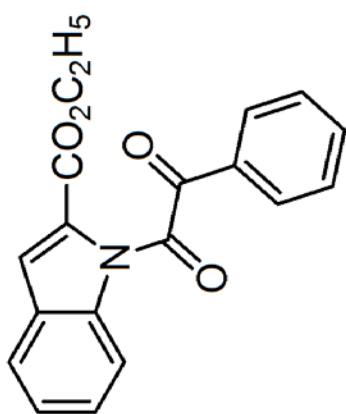
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