

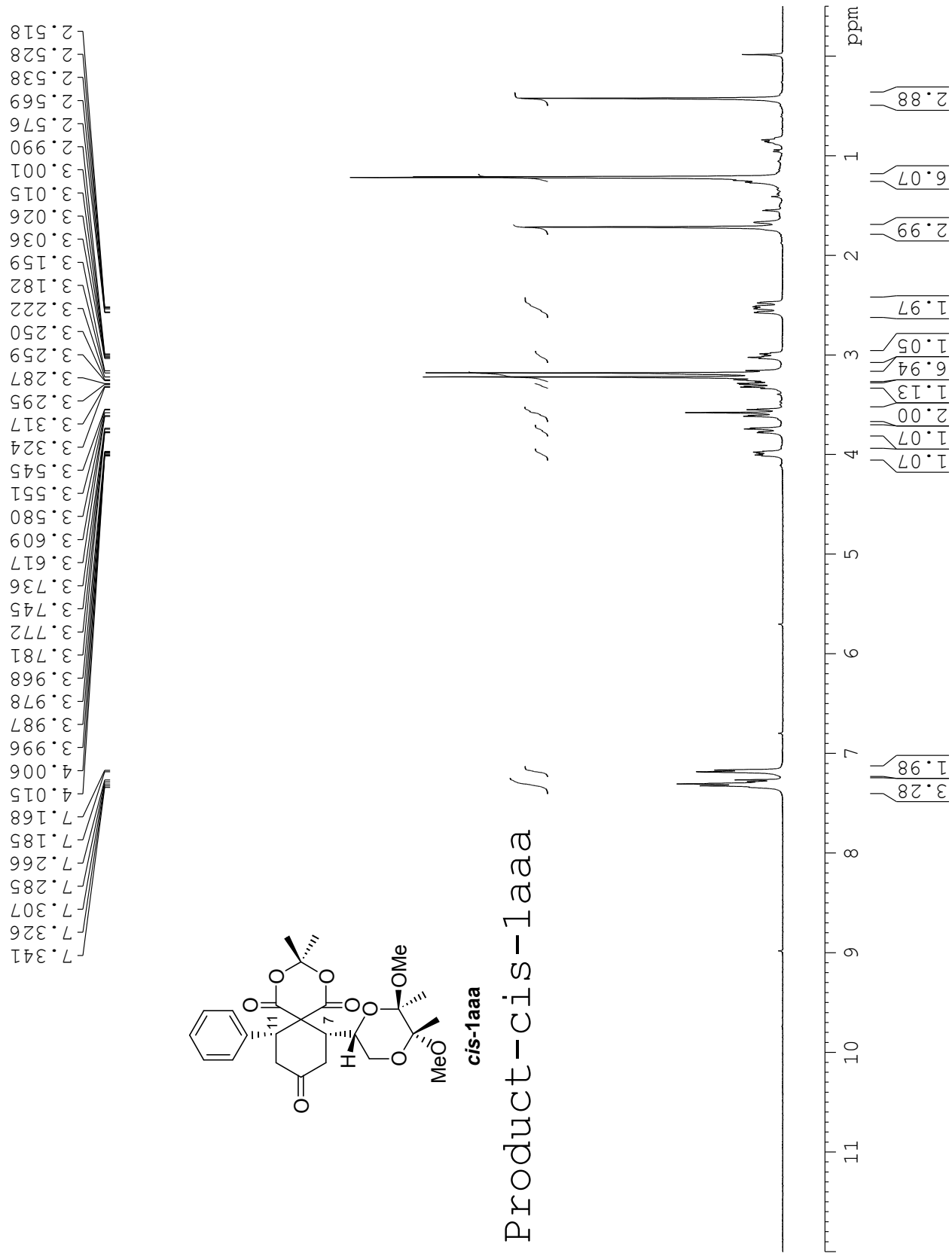
## ***Supporting Information-II***

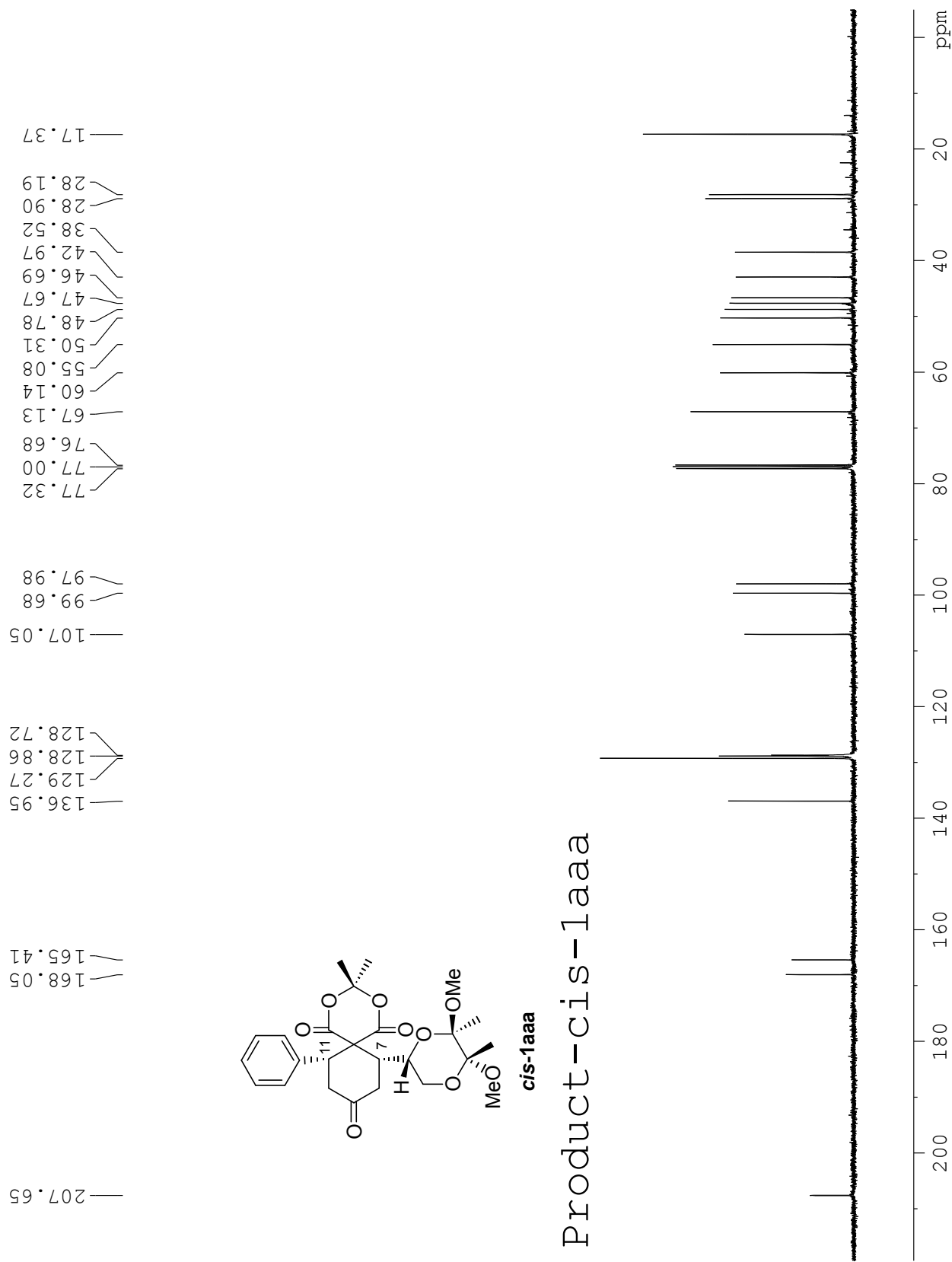
### **Design, Synthesis and Biological Evaluation of Optically Pure Functionalized Spiro[5,5]undecane-1,5,9-triones as HIV-1 Inhibitors**

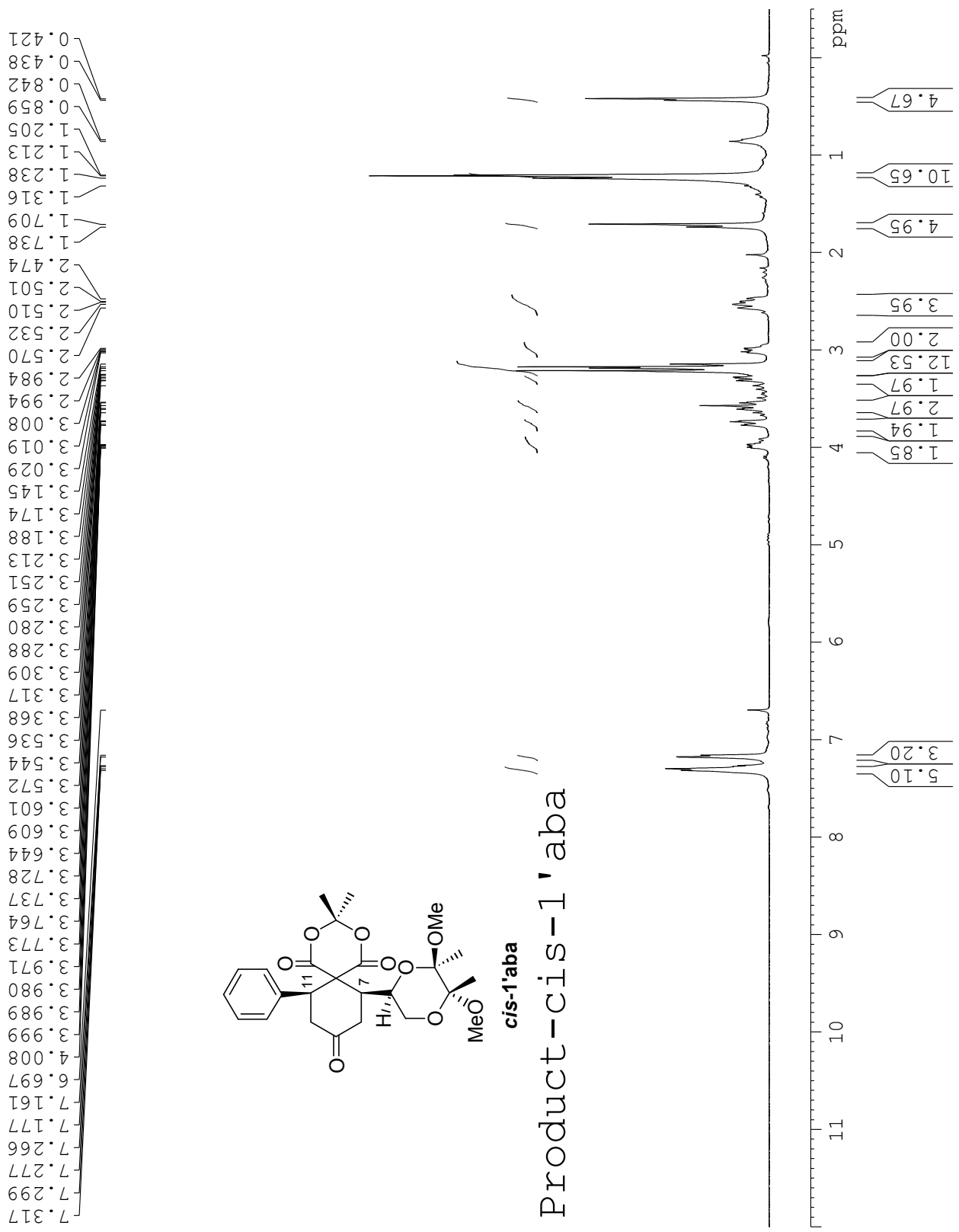
**Dhevalapally B. Ramachary,<sup>\*,‡</sup> Y. Vijayendar Reddy,<sup>‡</sup> Atoshi Banerjee,<sup>‡</sup> and Sharmistha Banerjee<sup>\*,‡</sup>**

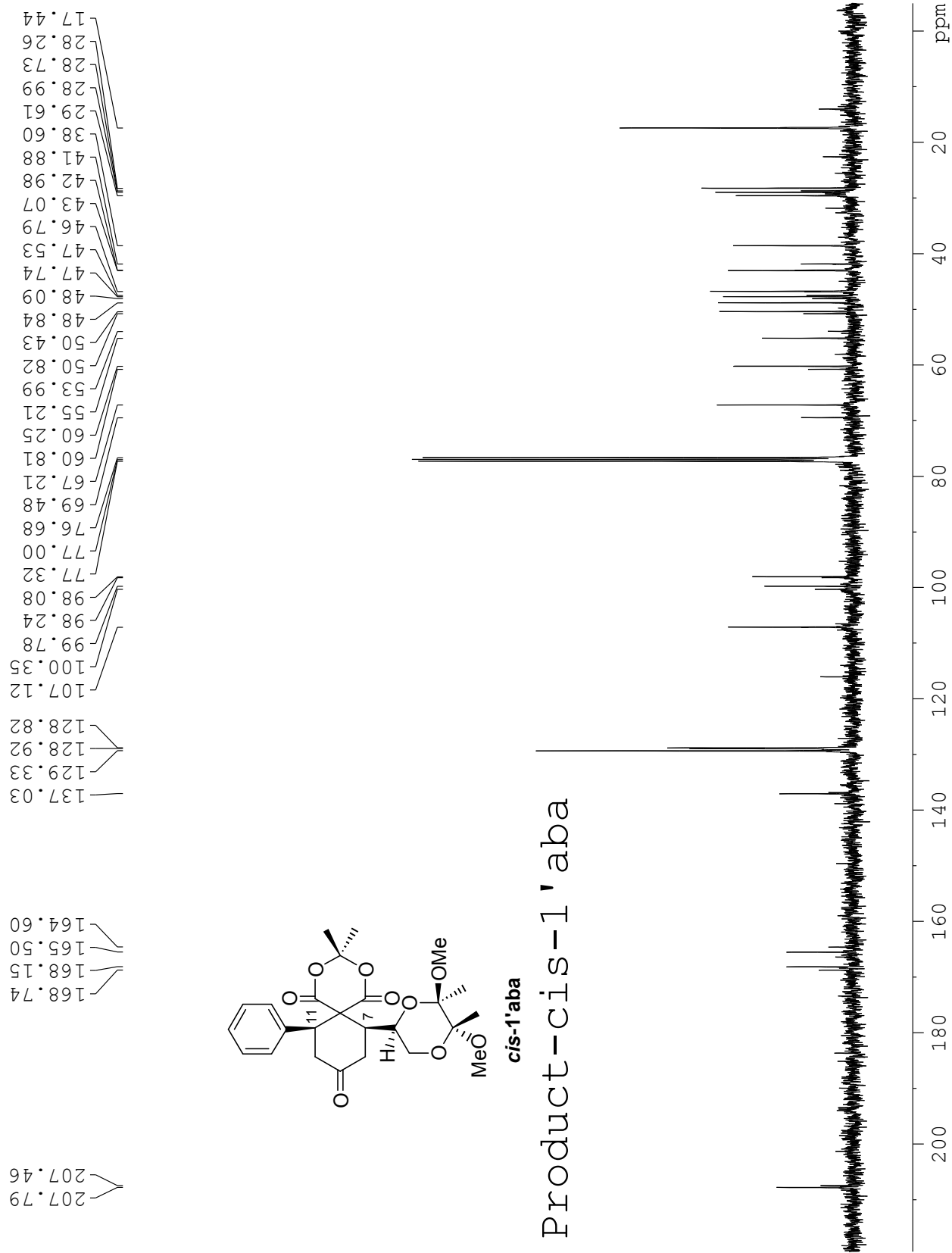
<sup>‡</sup>School of Chemistry, University of Hyderabad, Central University (P.O.), Hyderabad-500 046, India, Email: [ramsc@uohyd.ernet.in](mailto:ramsc@uohyd.ernet.in)

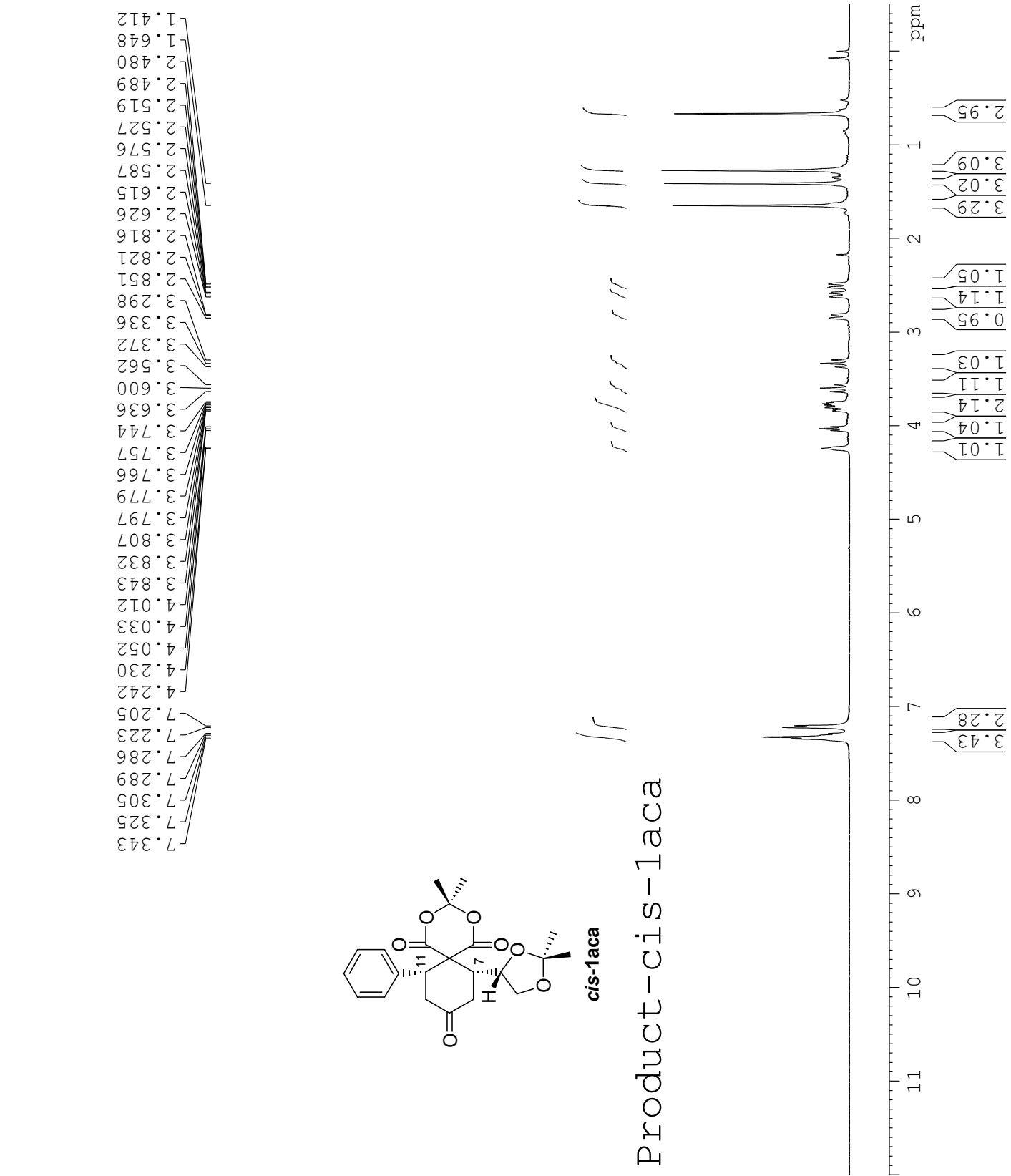
<sup>\*</sup>School of Life Sciences, Department of Biochemistry, University of Hyderabad, Central University (P.O.), Hyderabad-500 046, India.

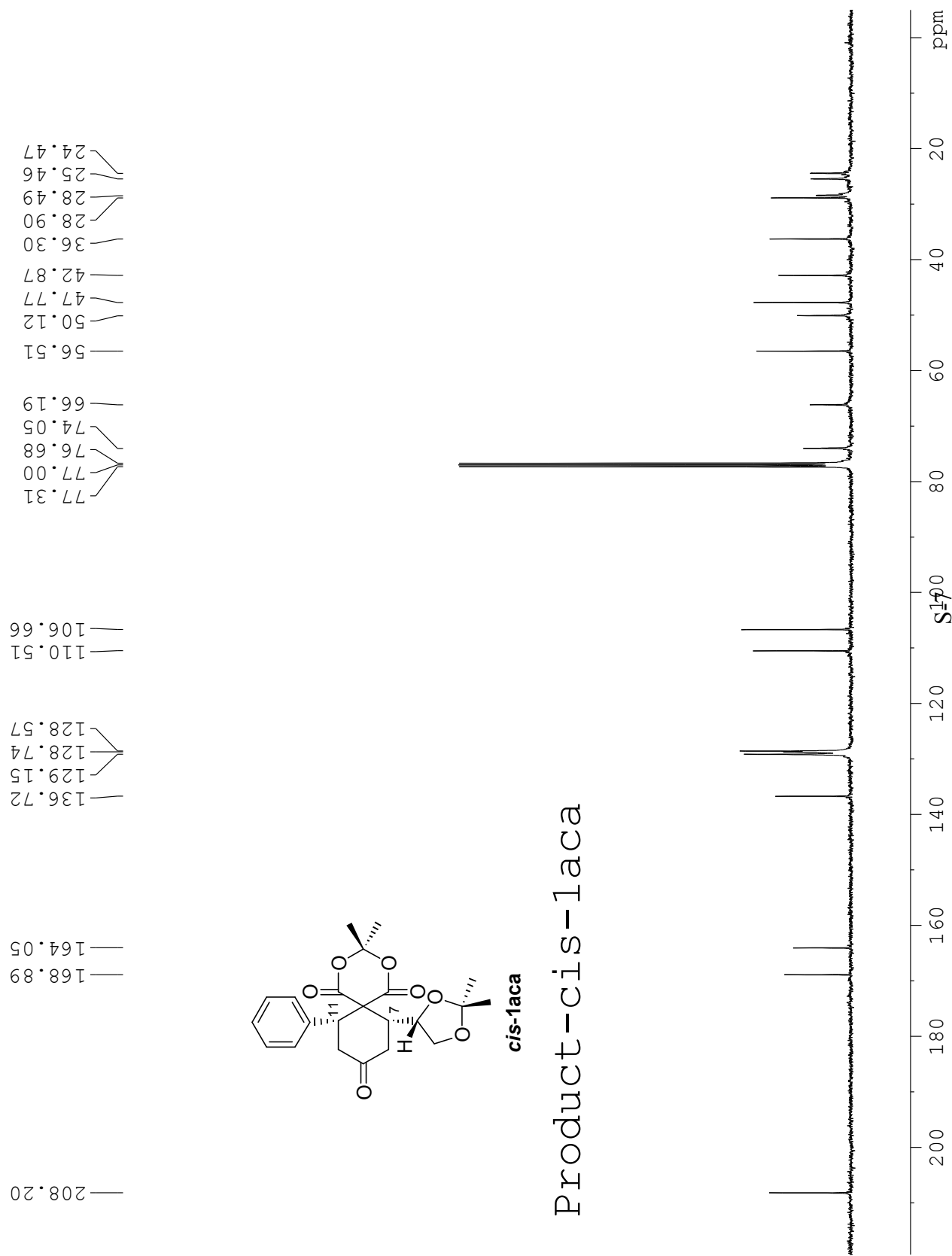


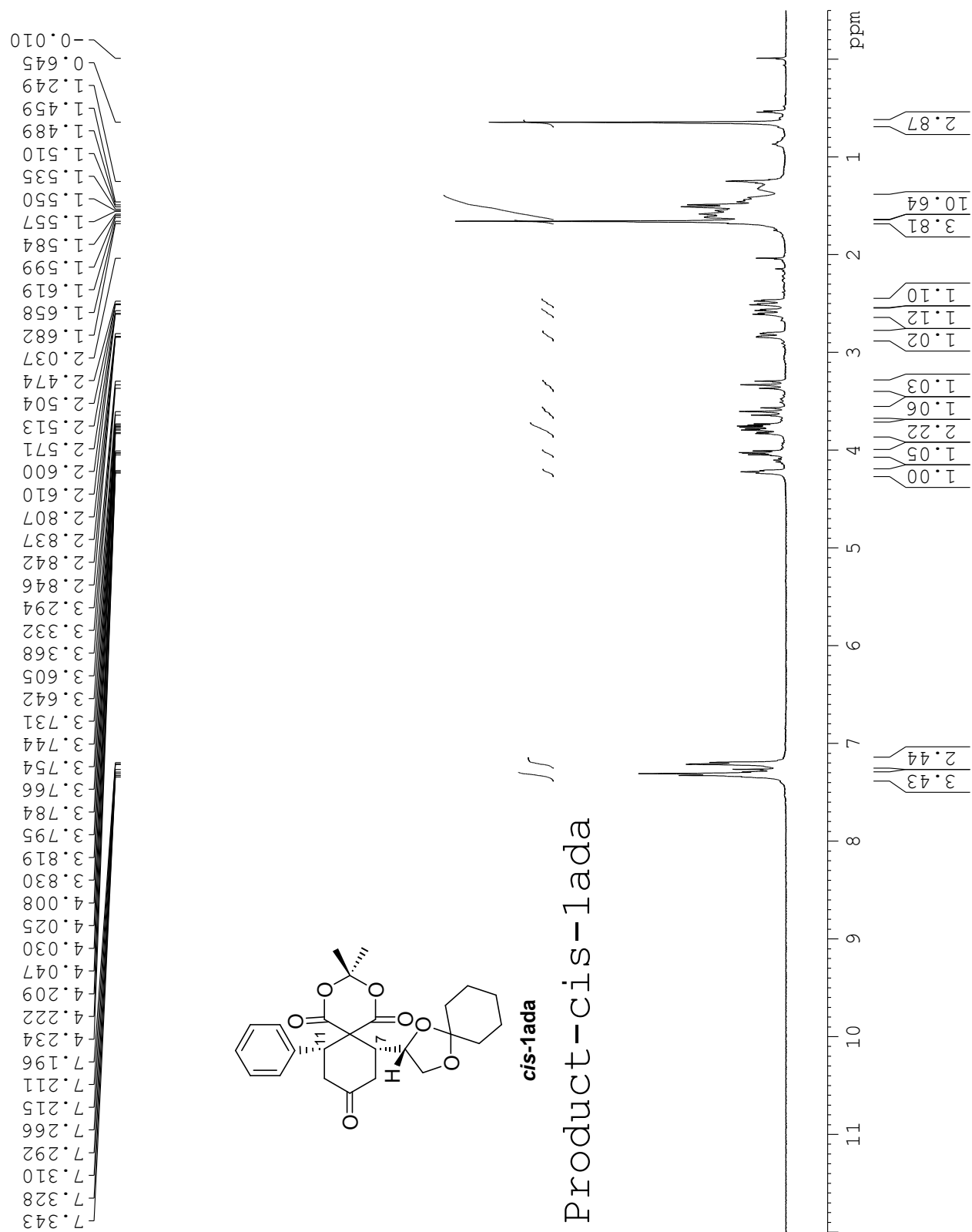




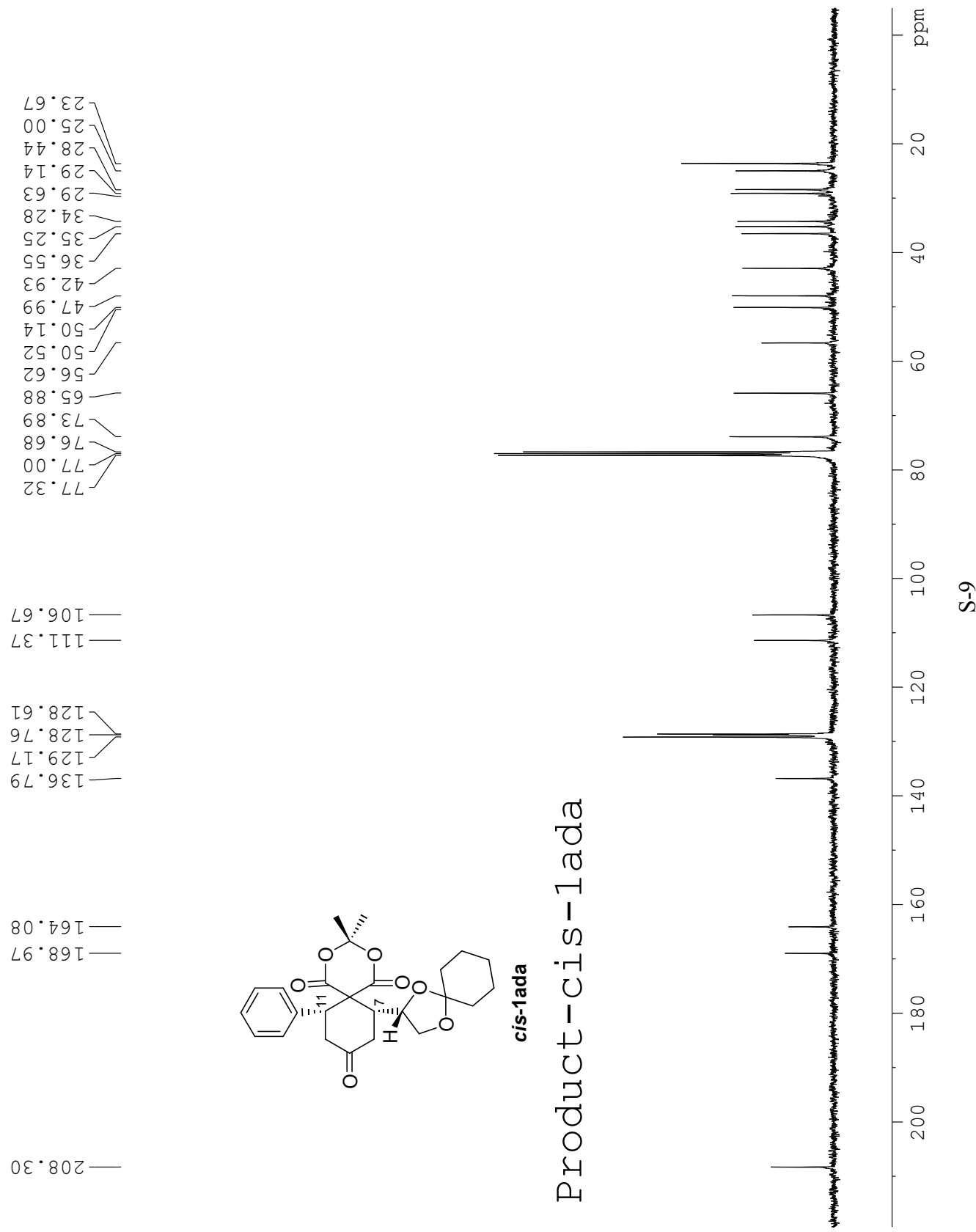


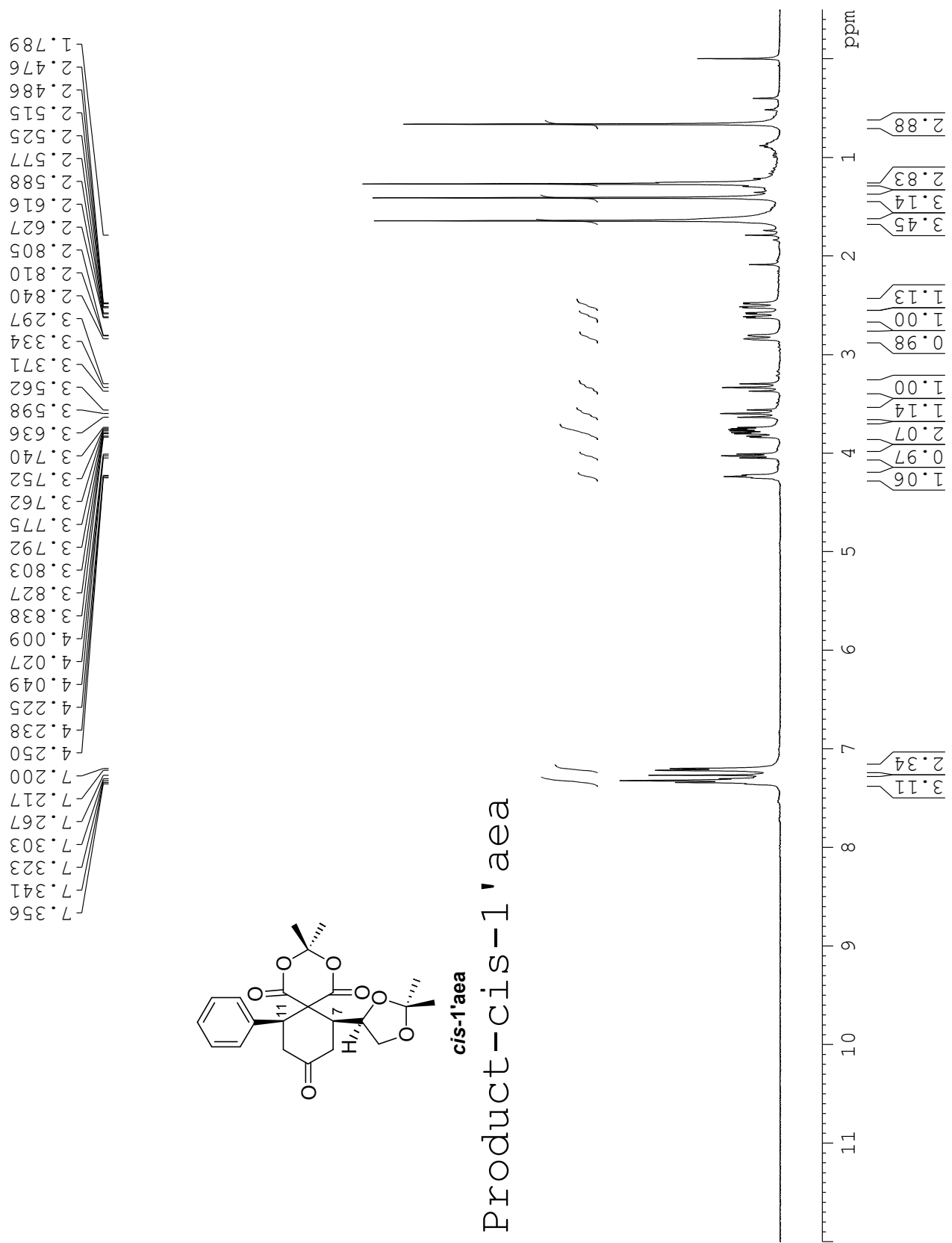


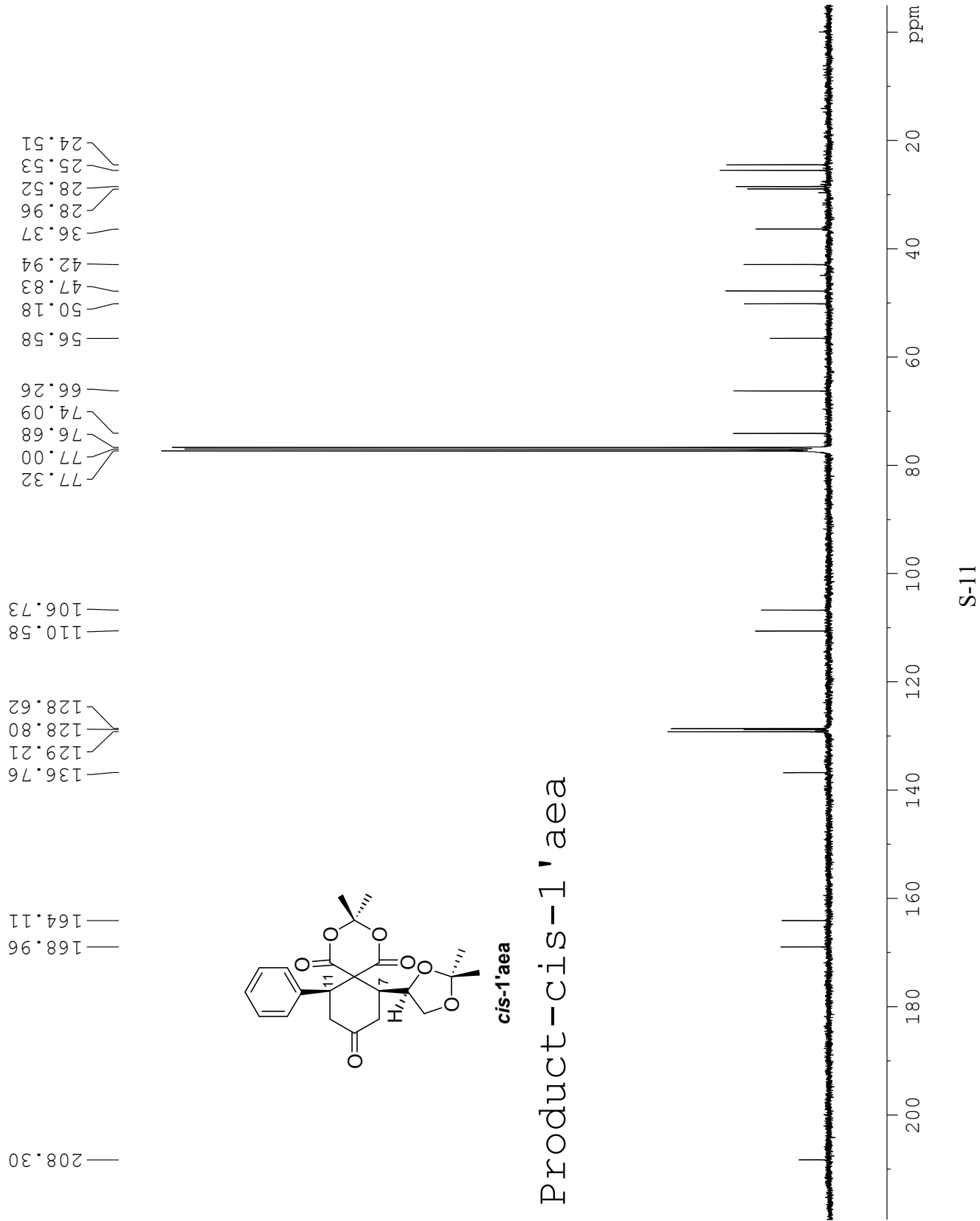


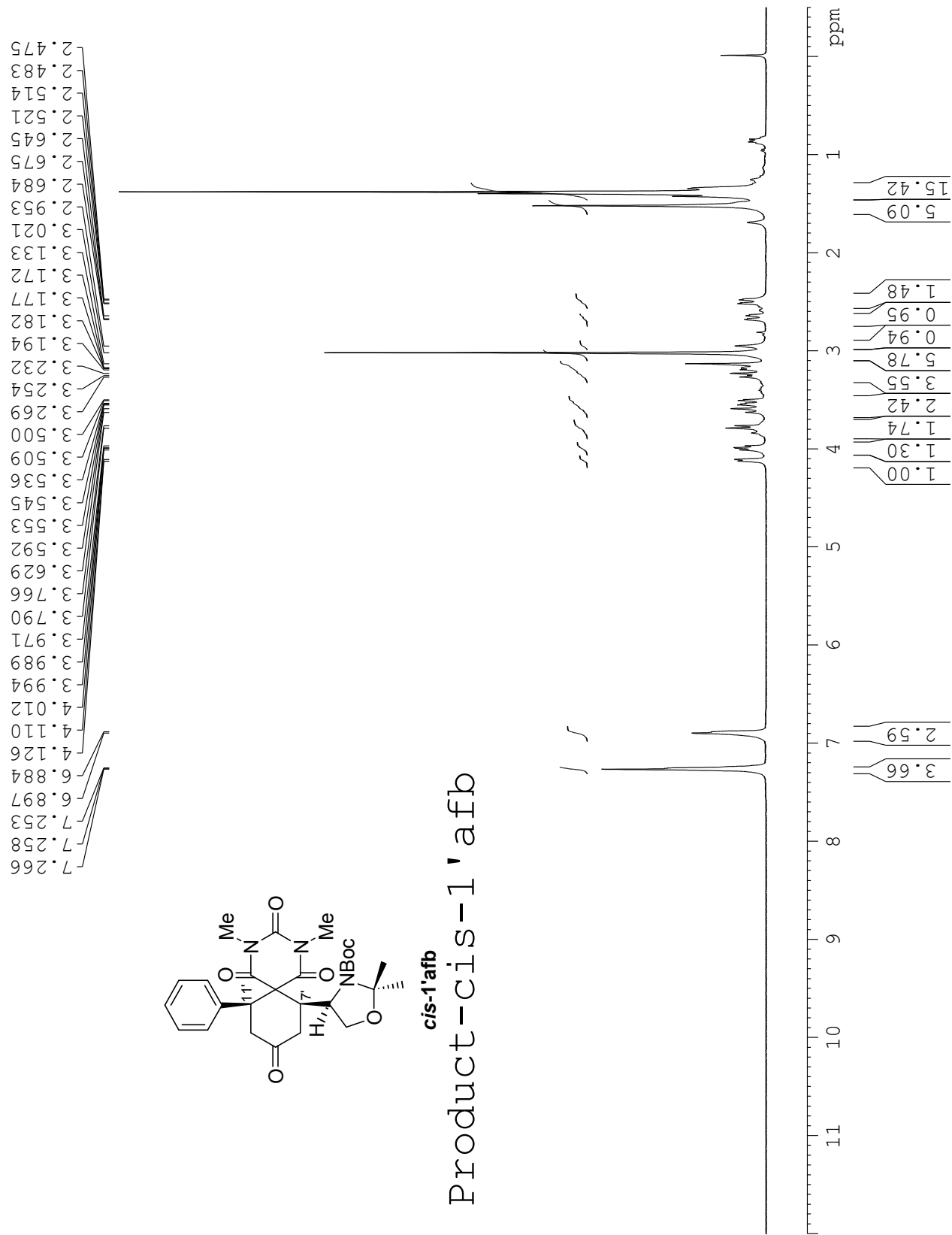


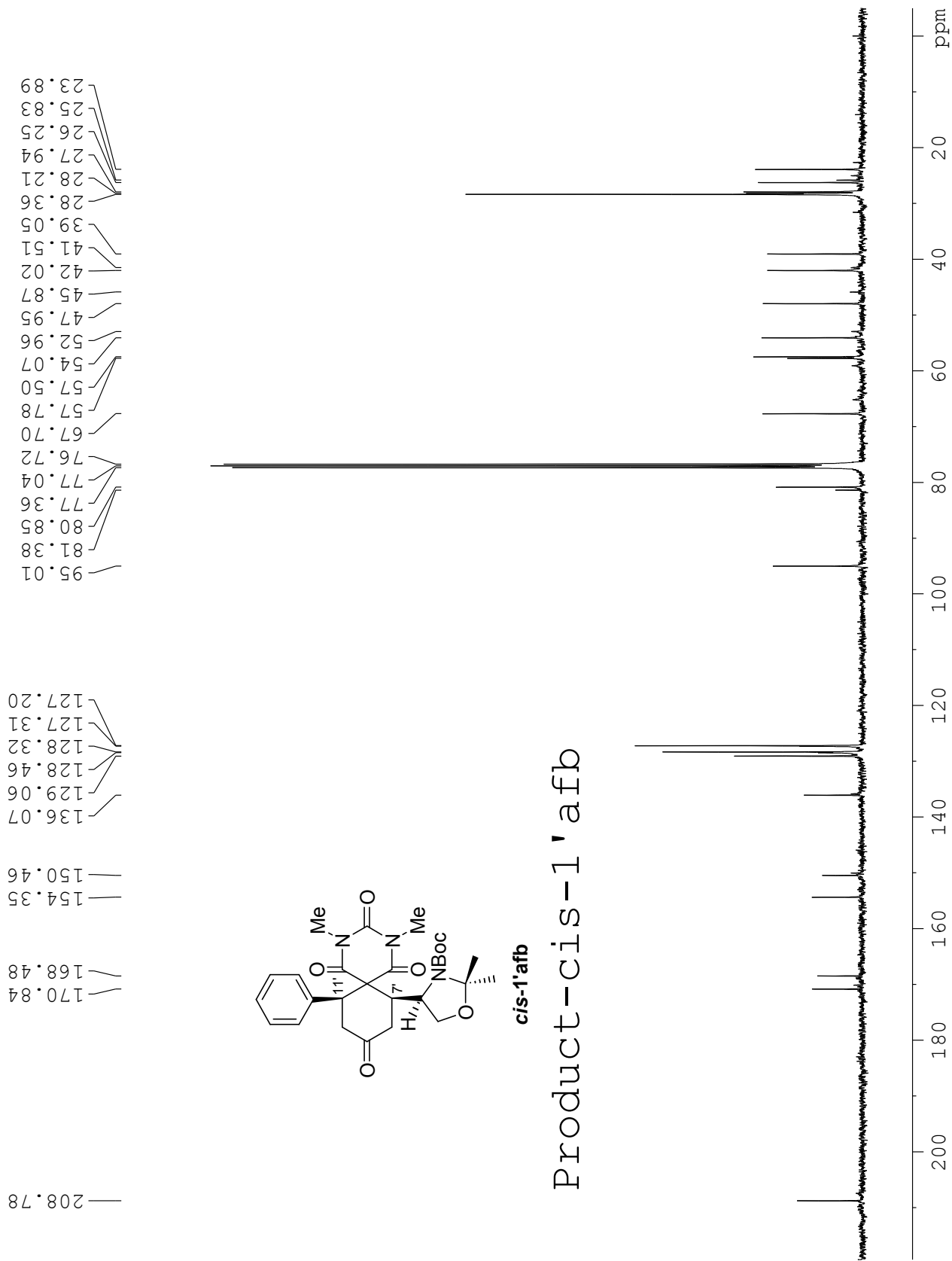


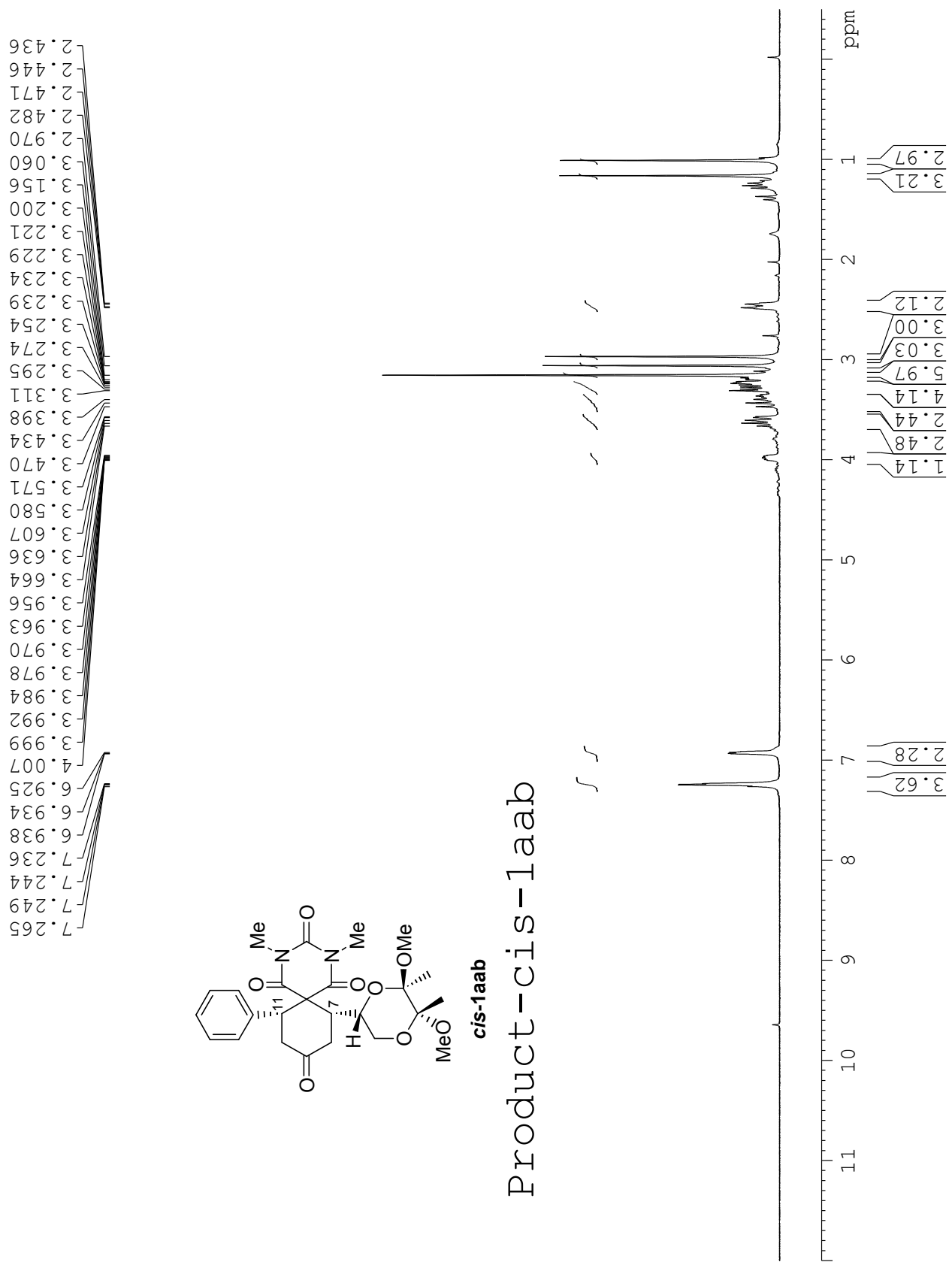


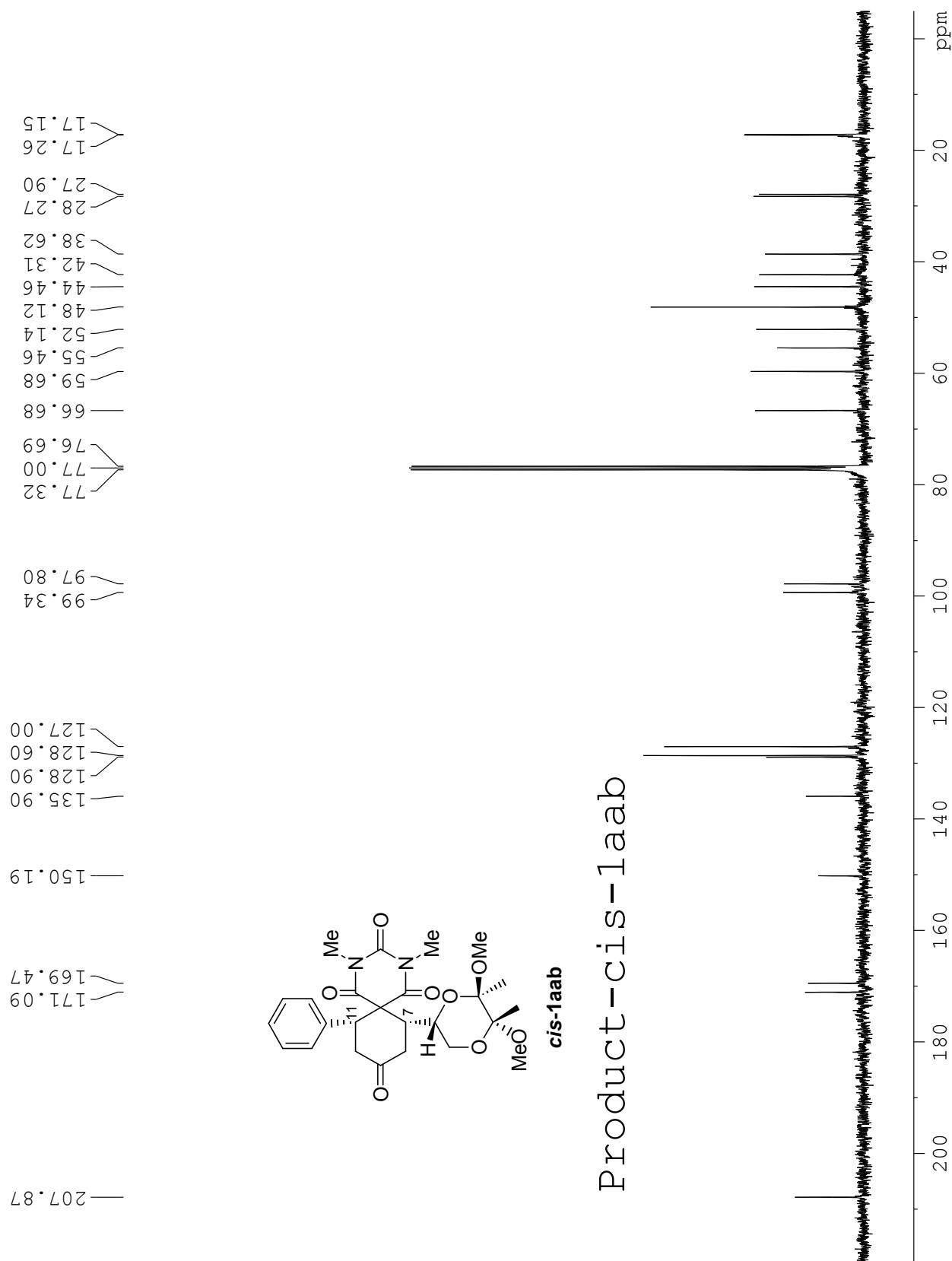


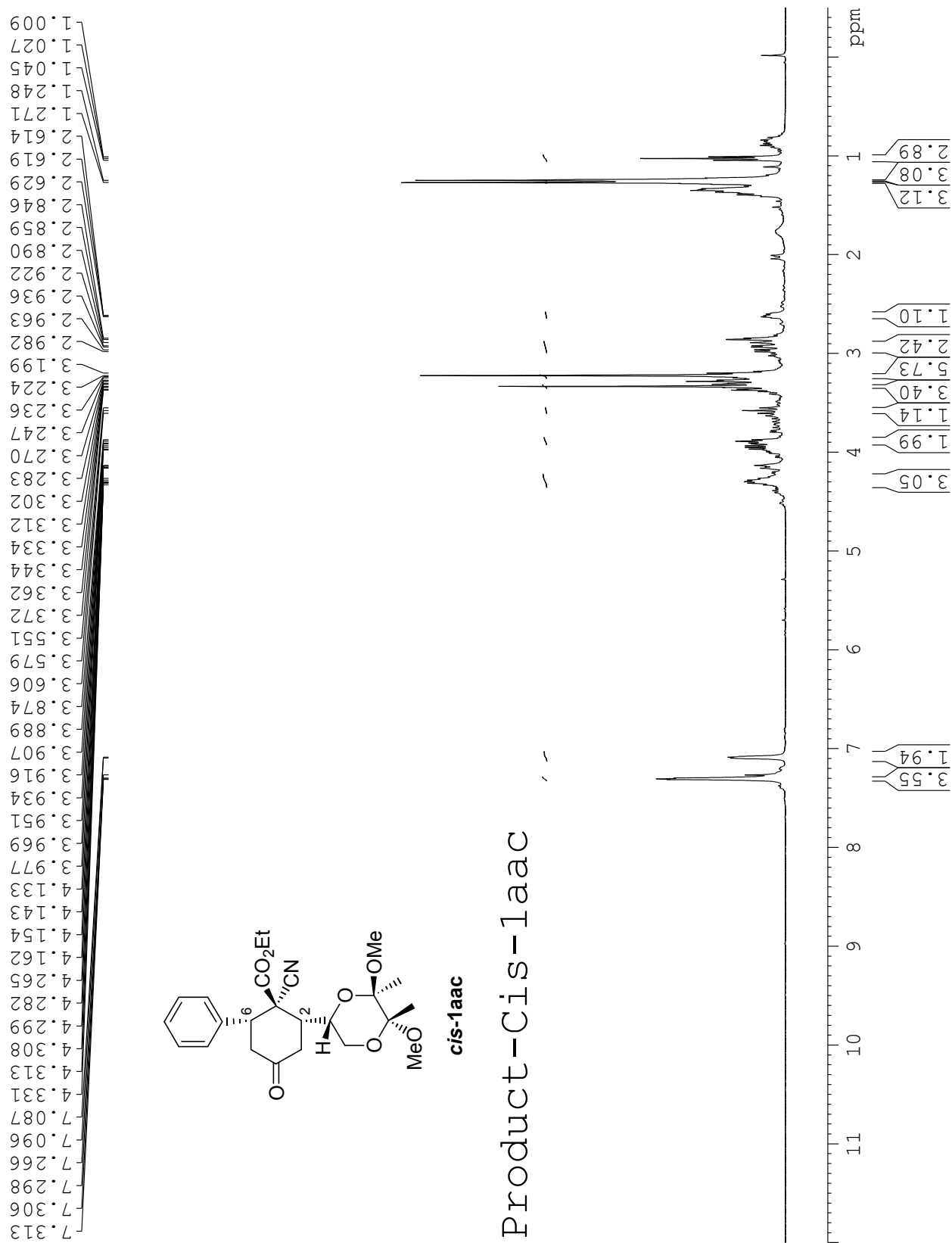




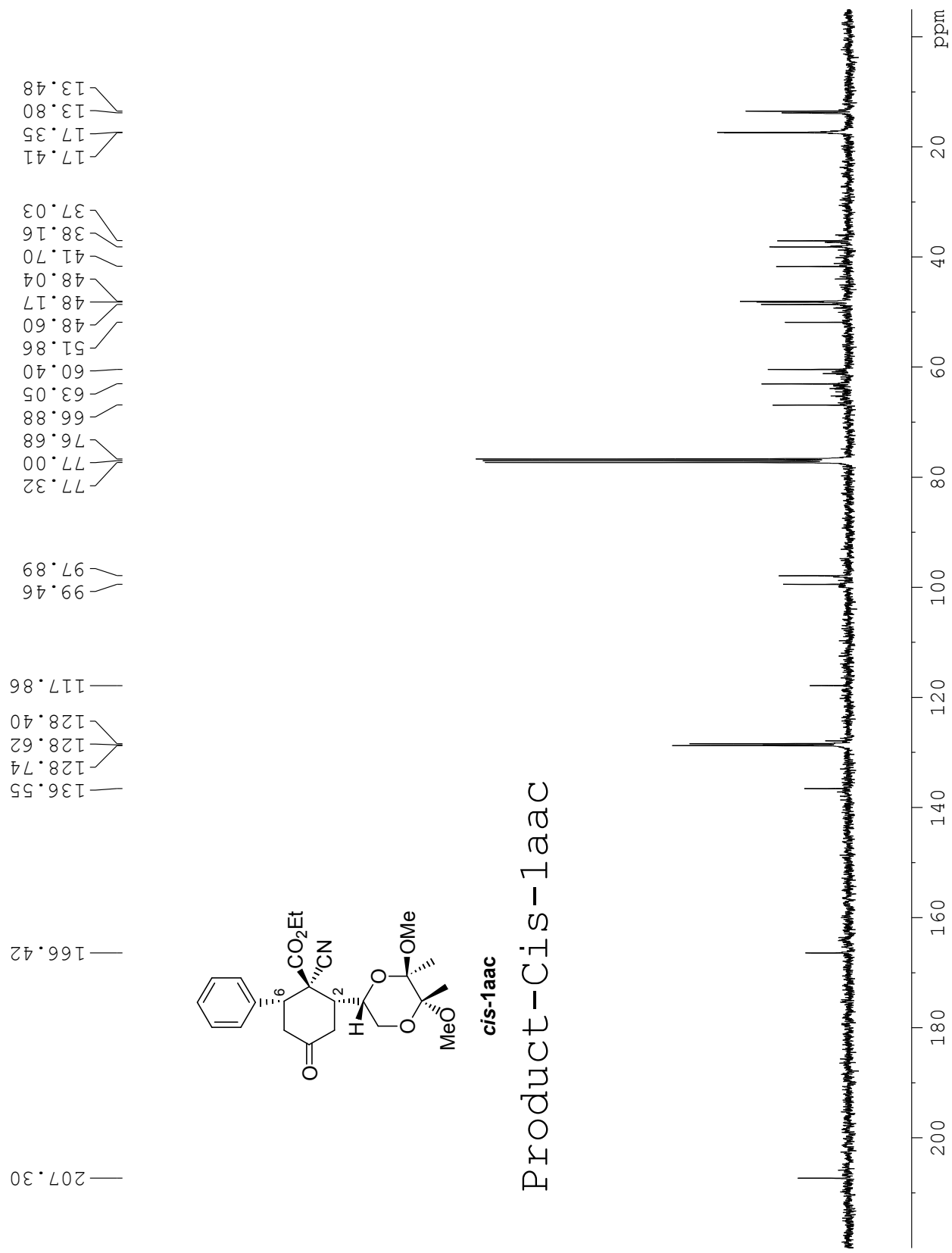


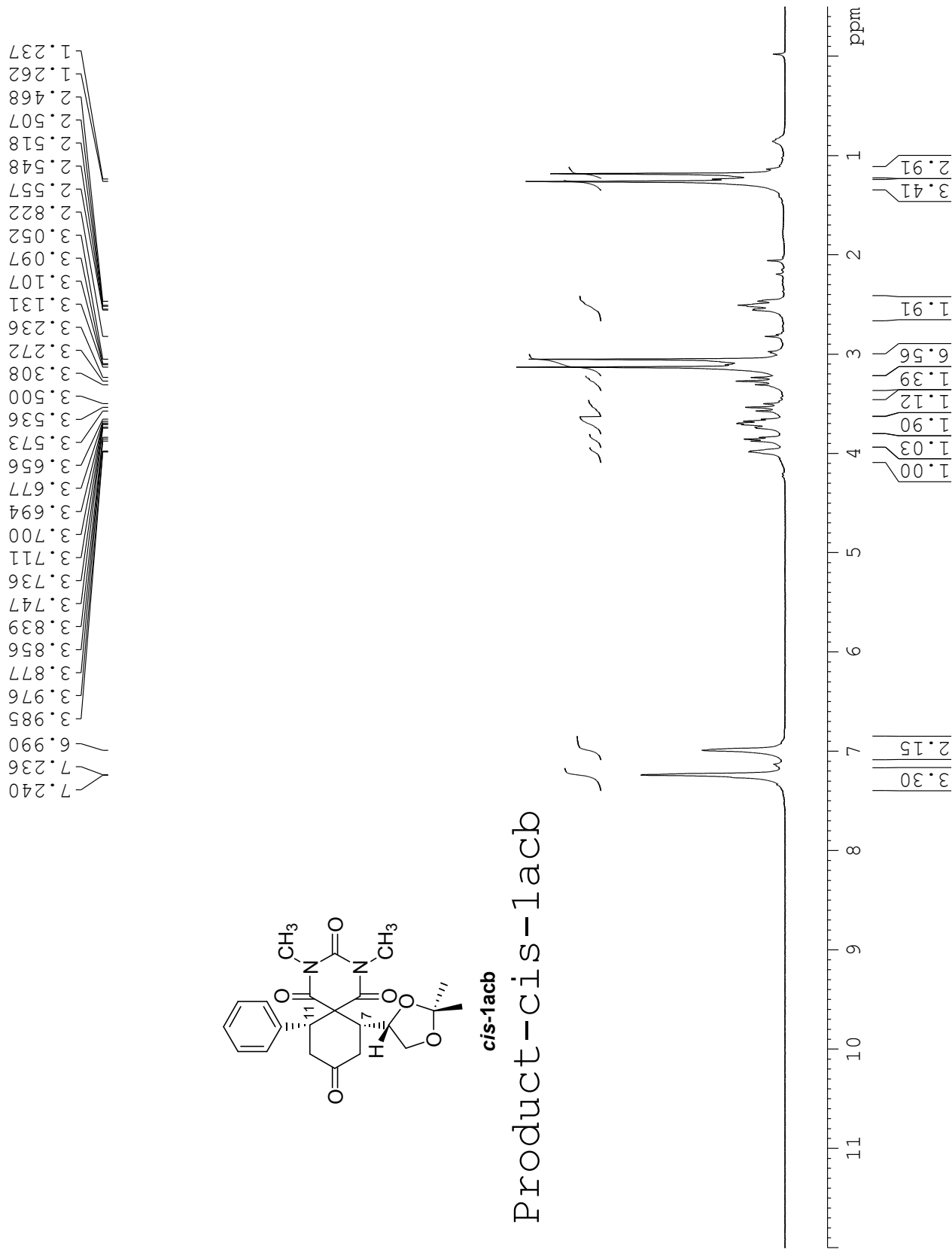


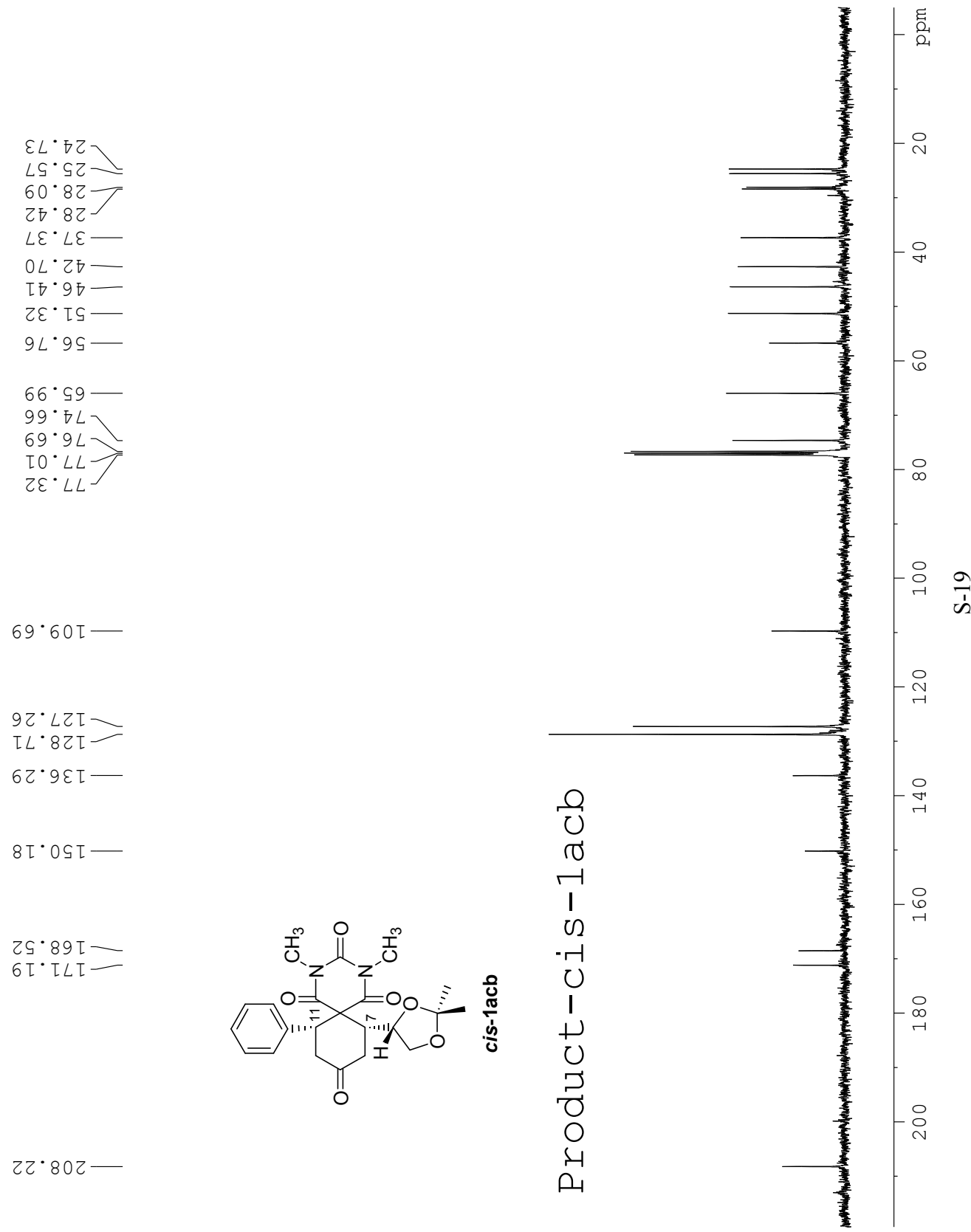


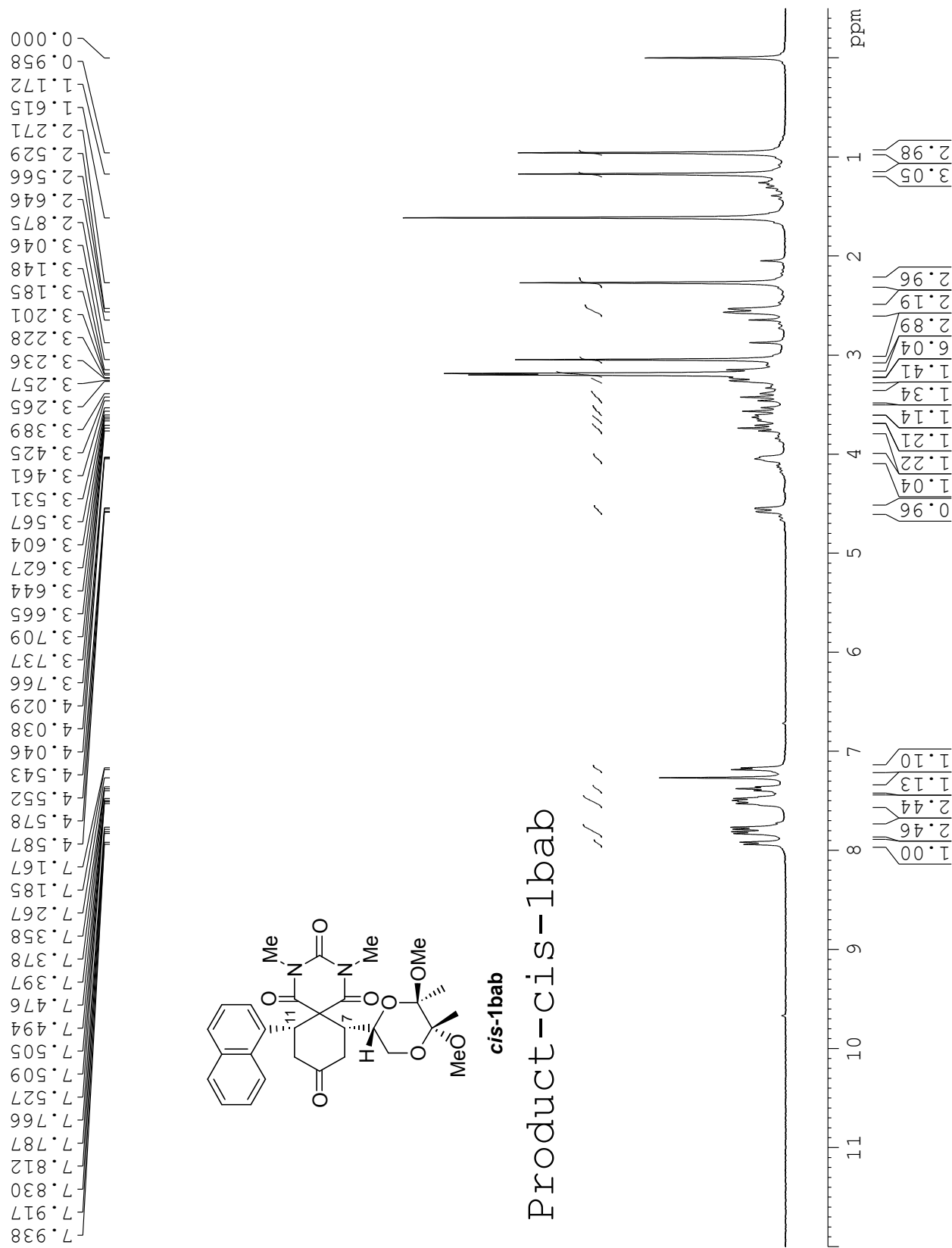


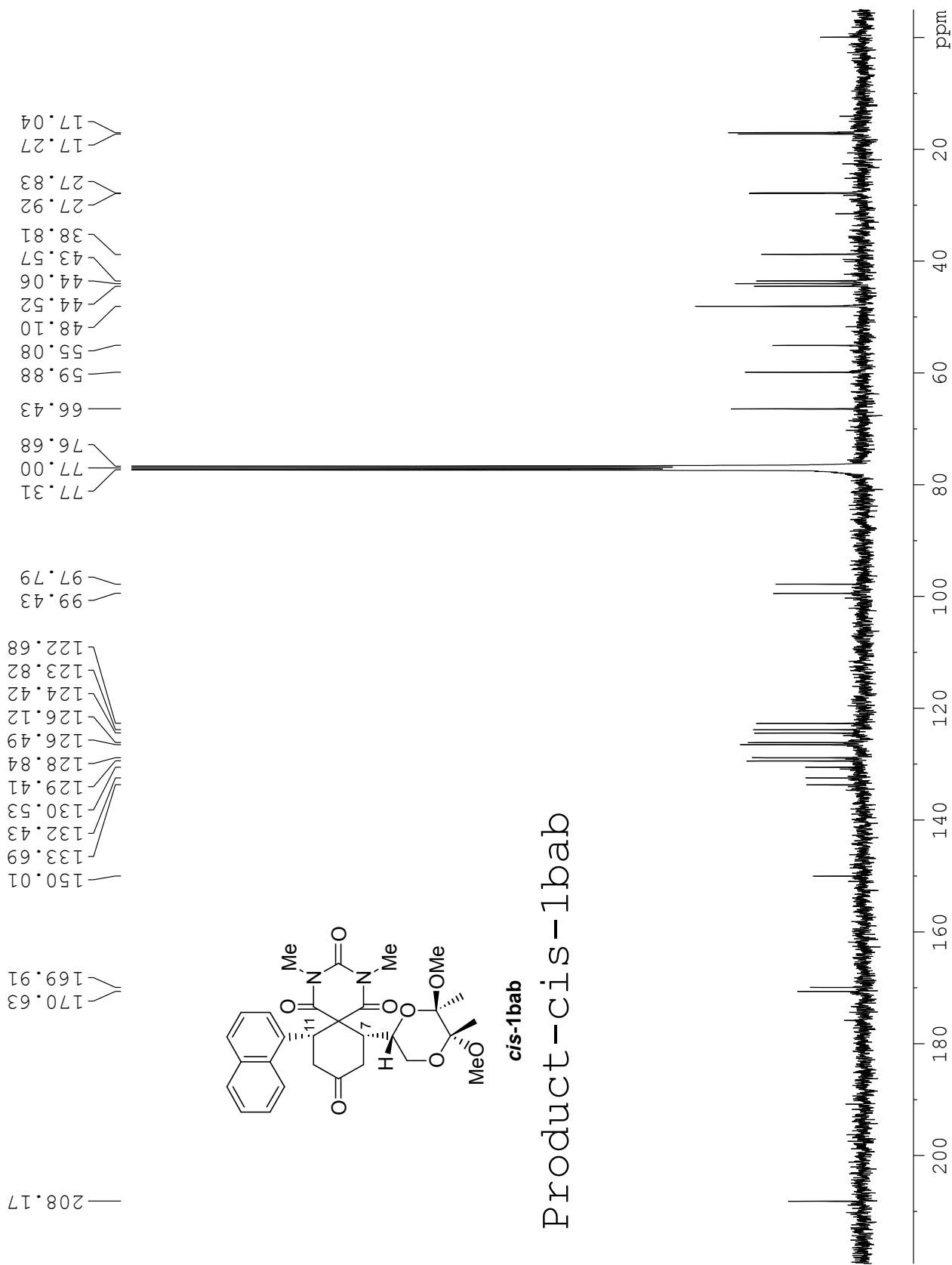


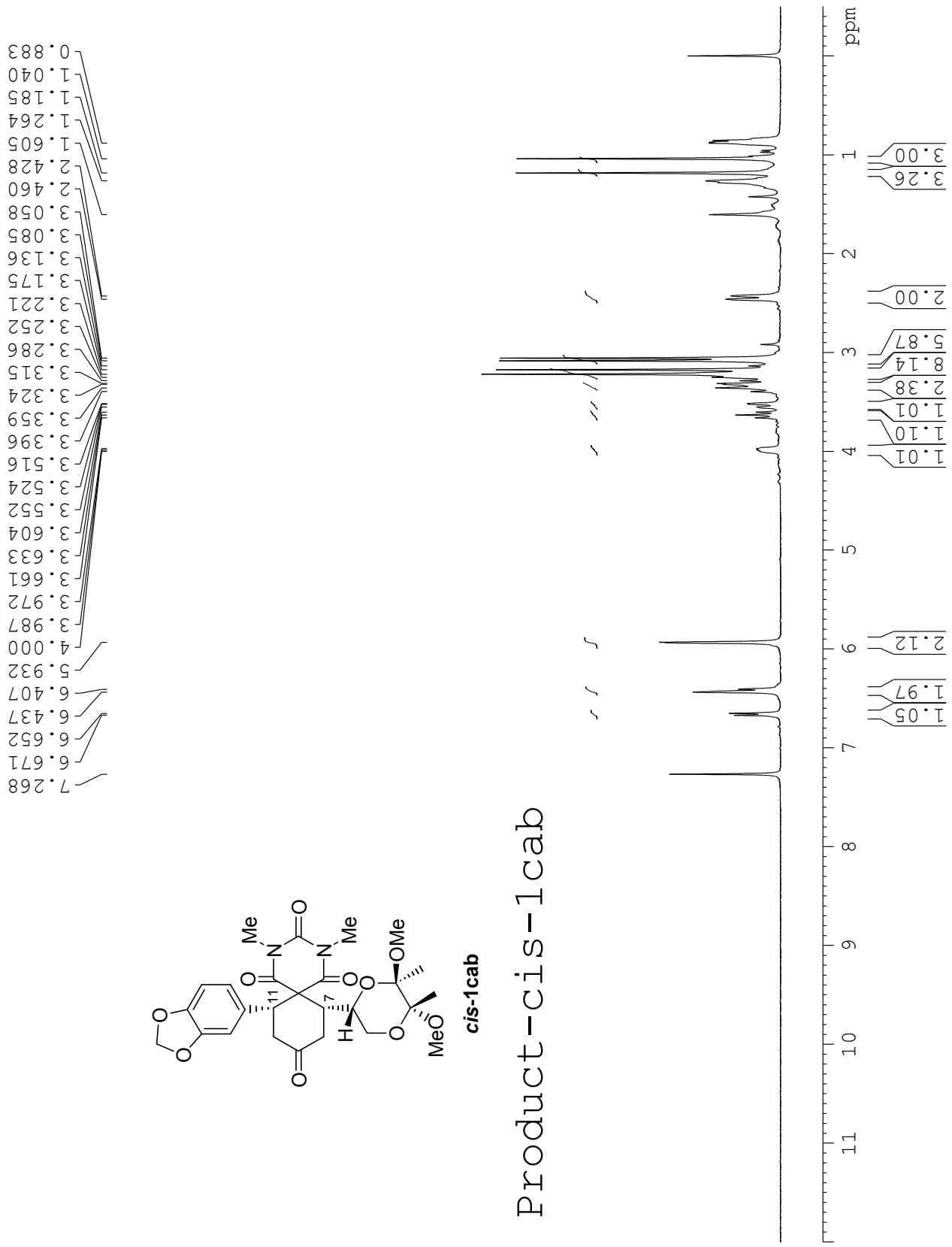


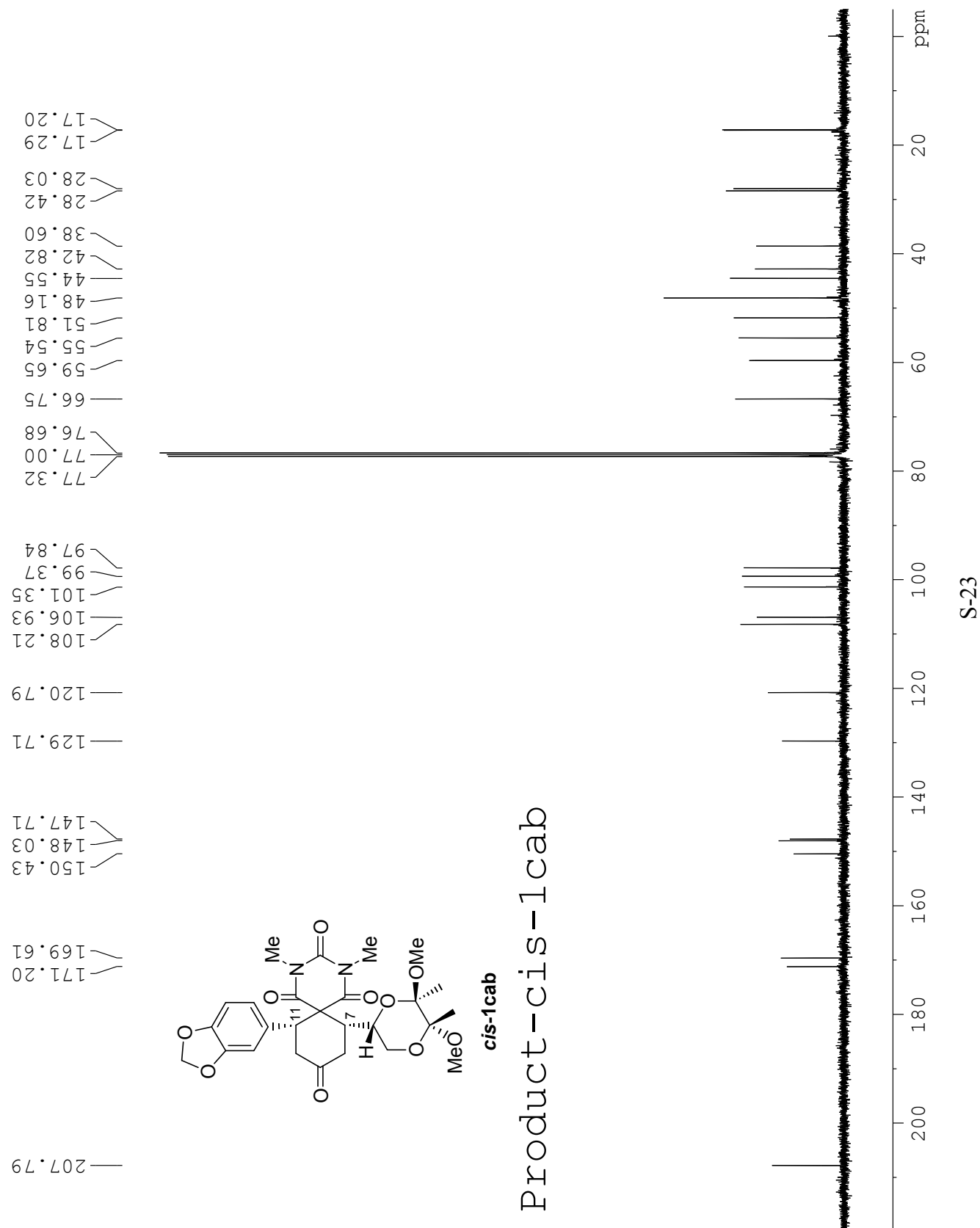


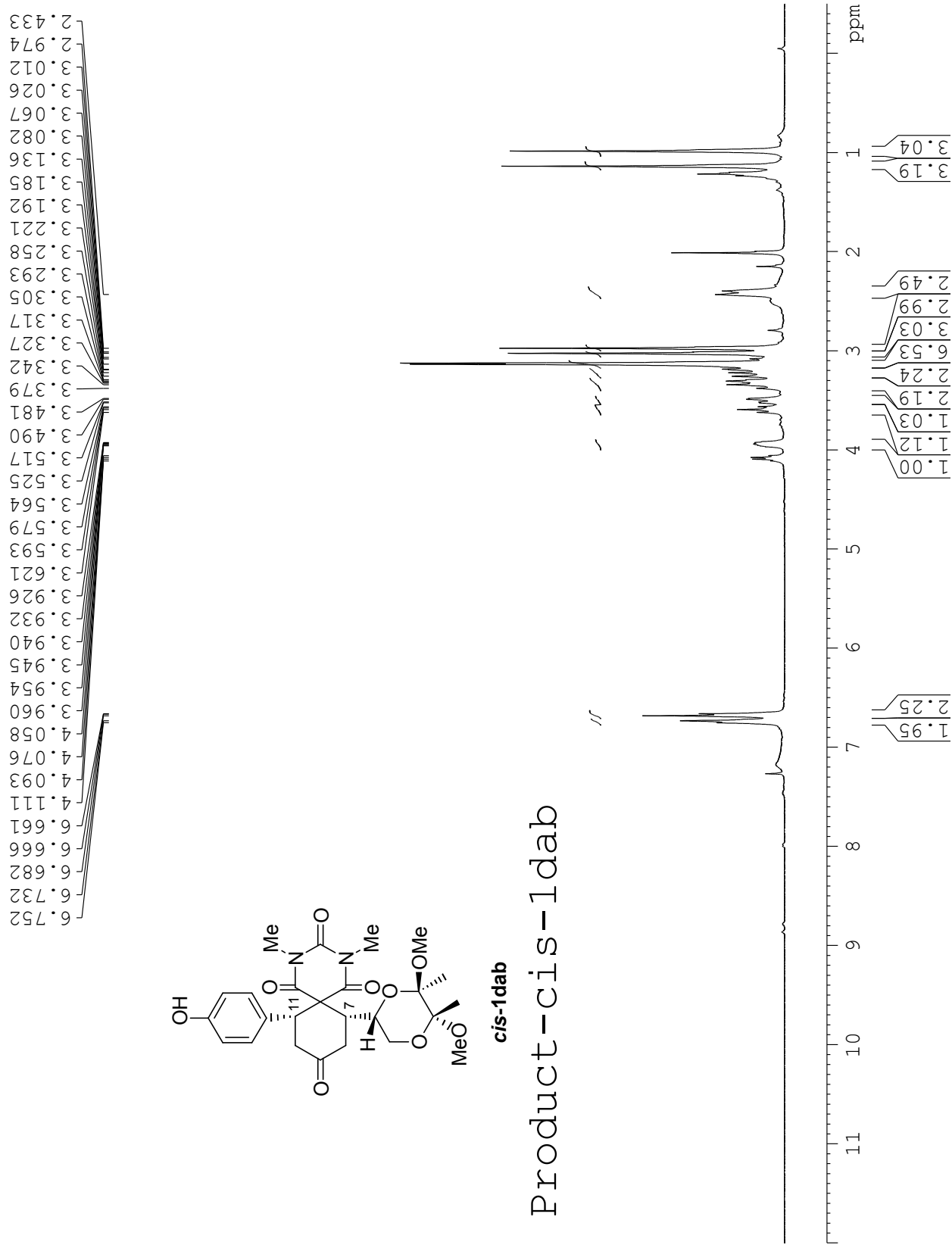




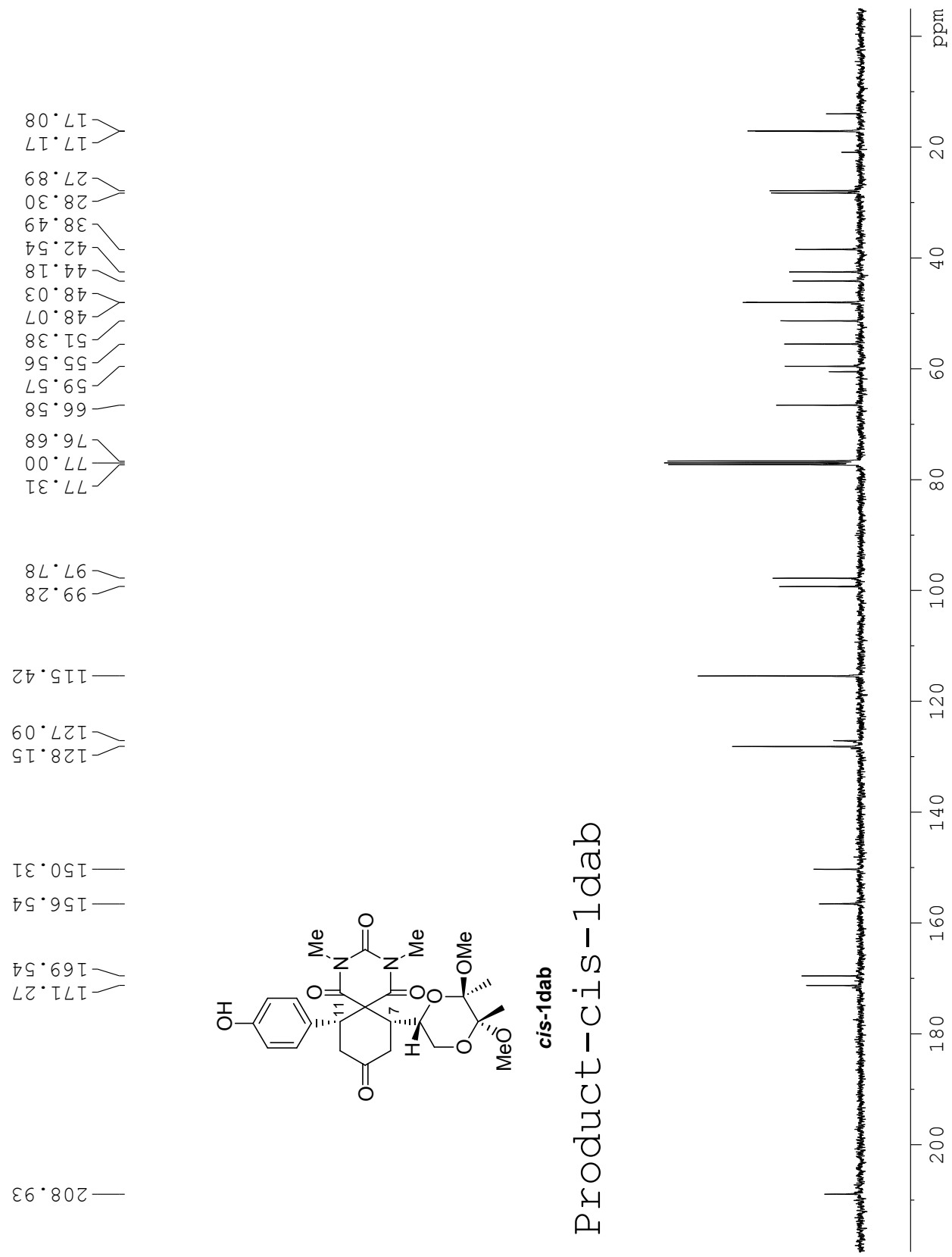


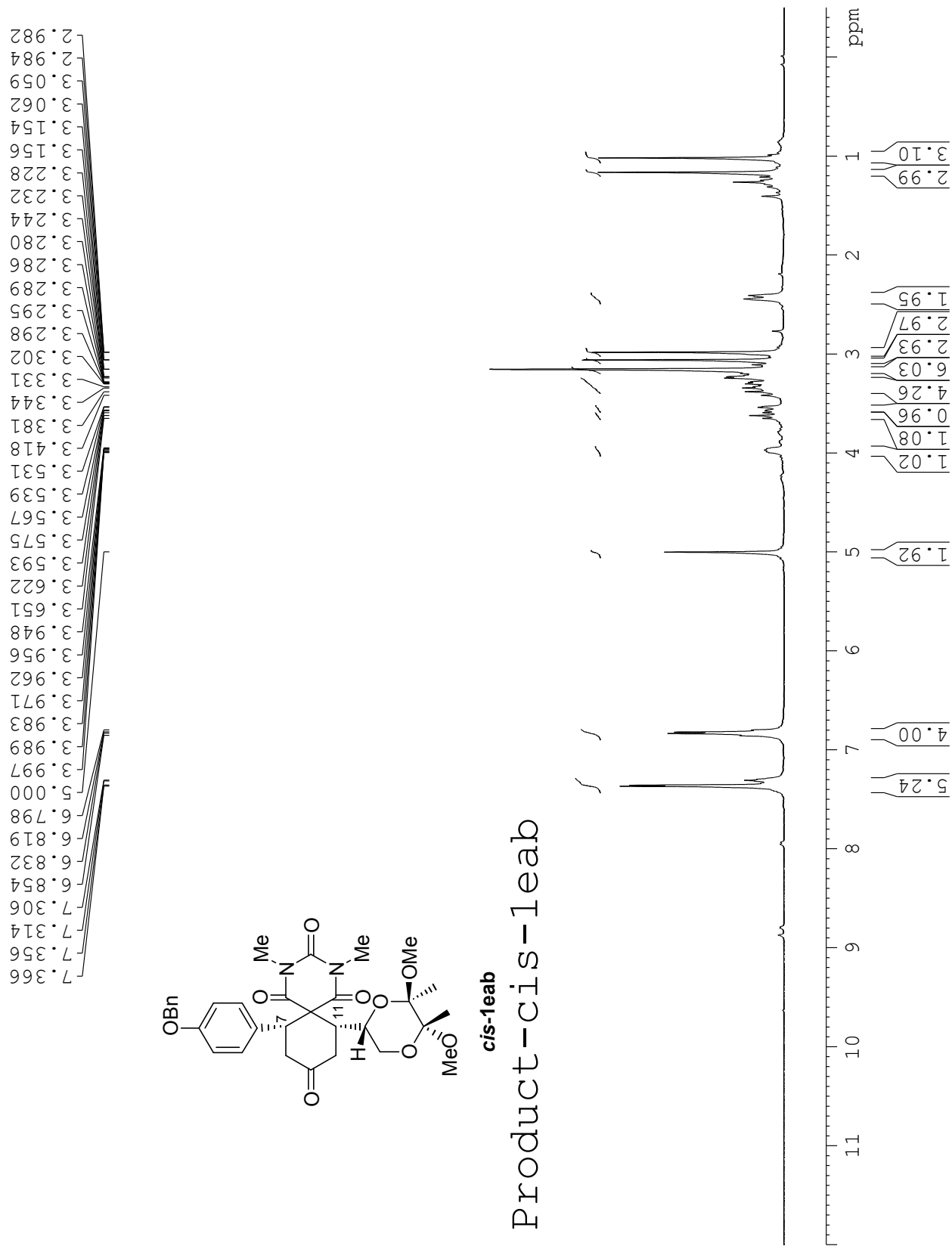


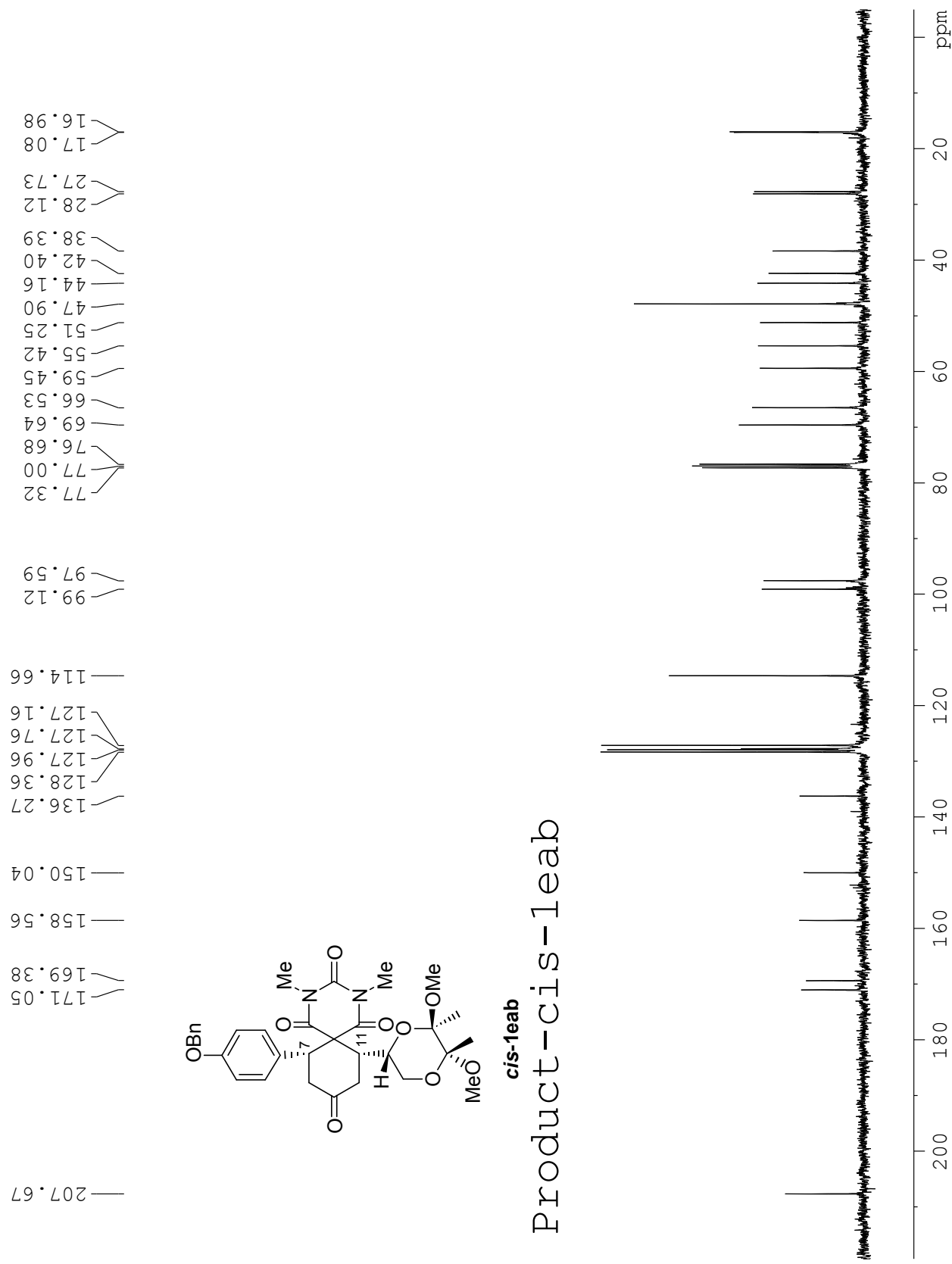


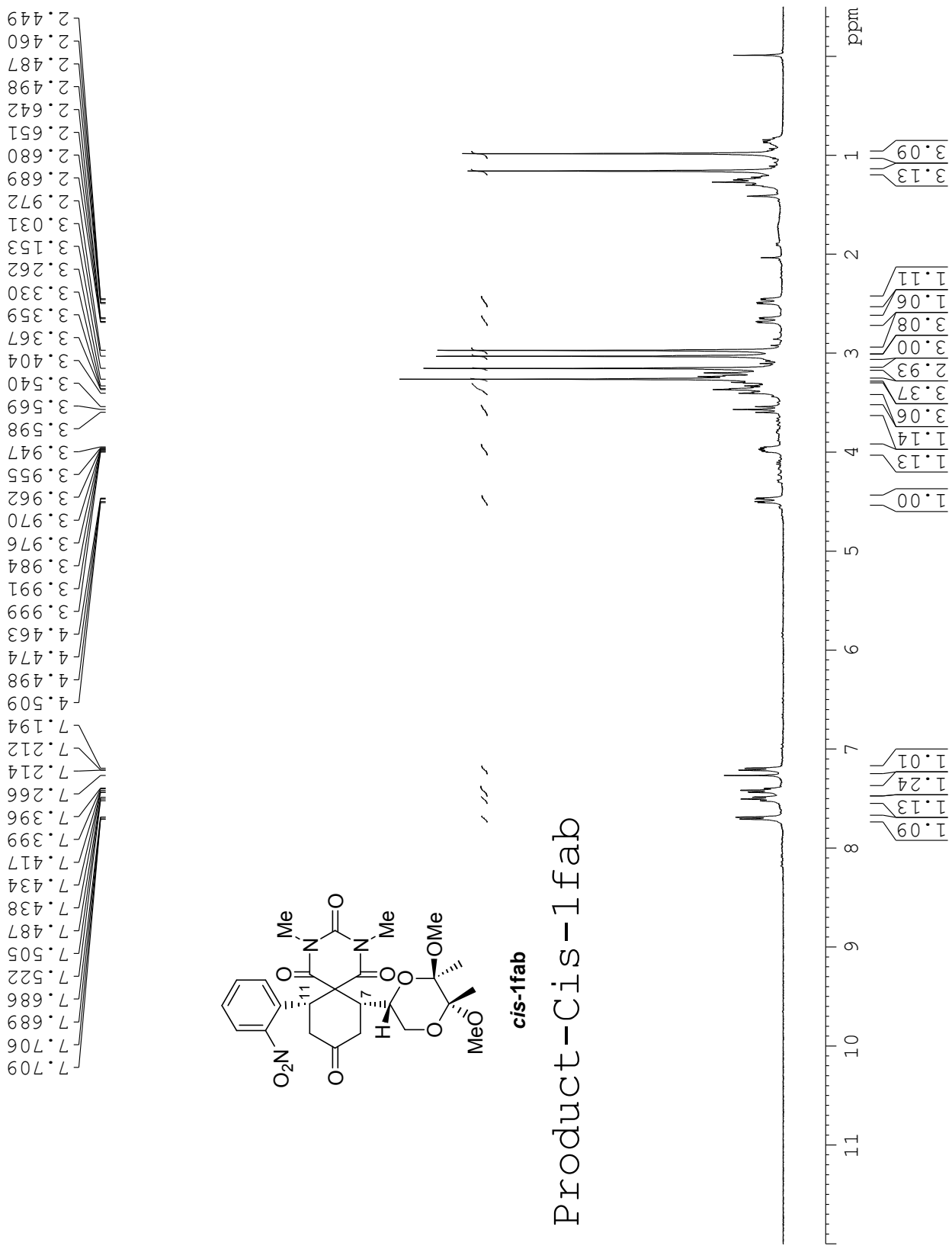


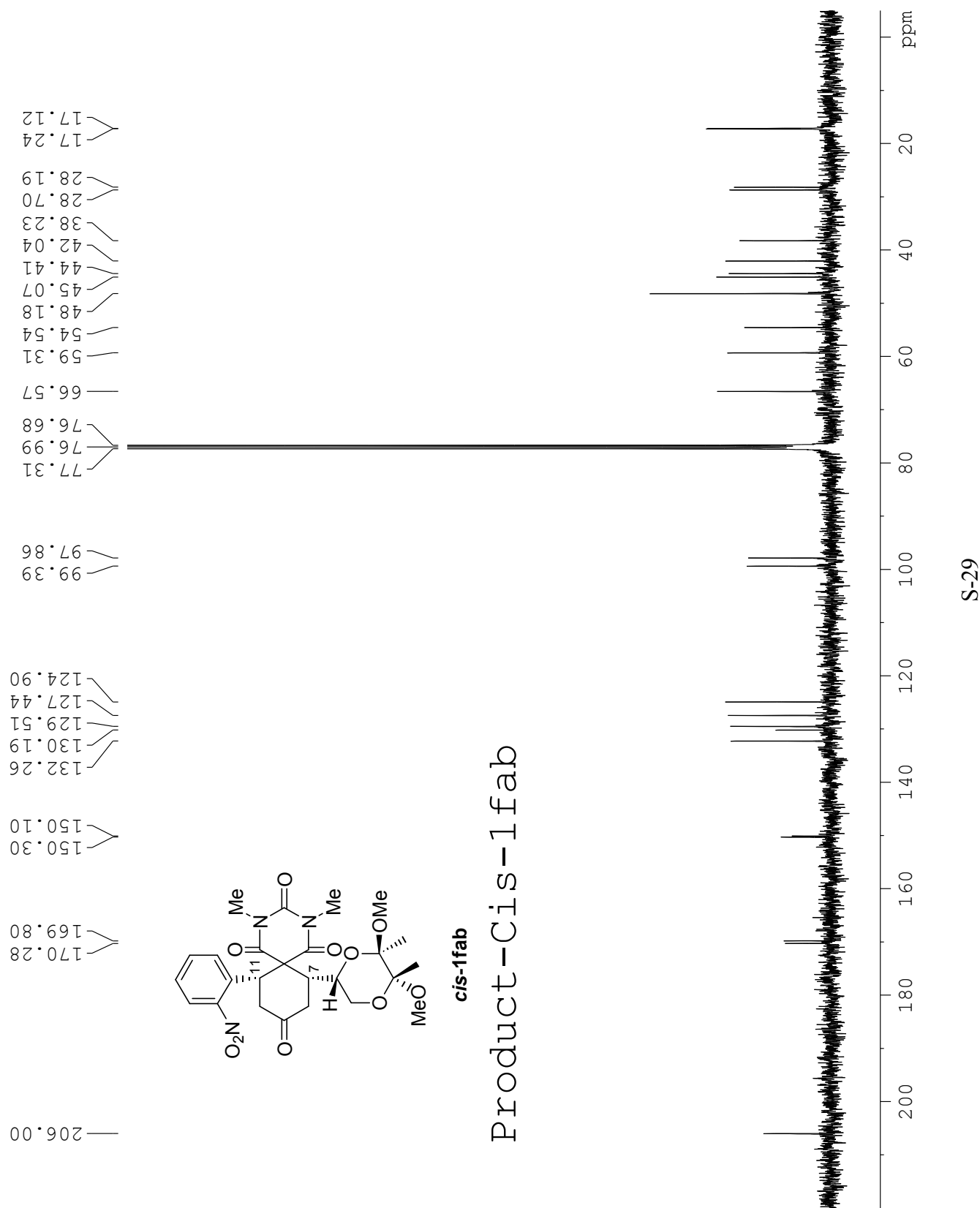


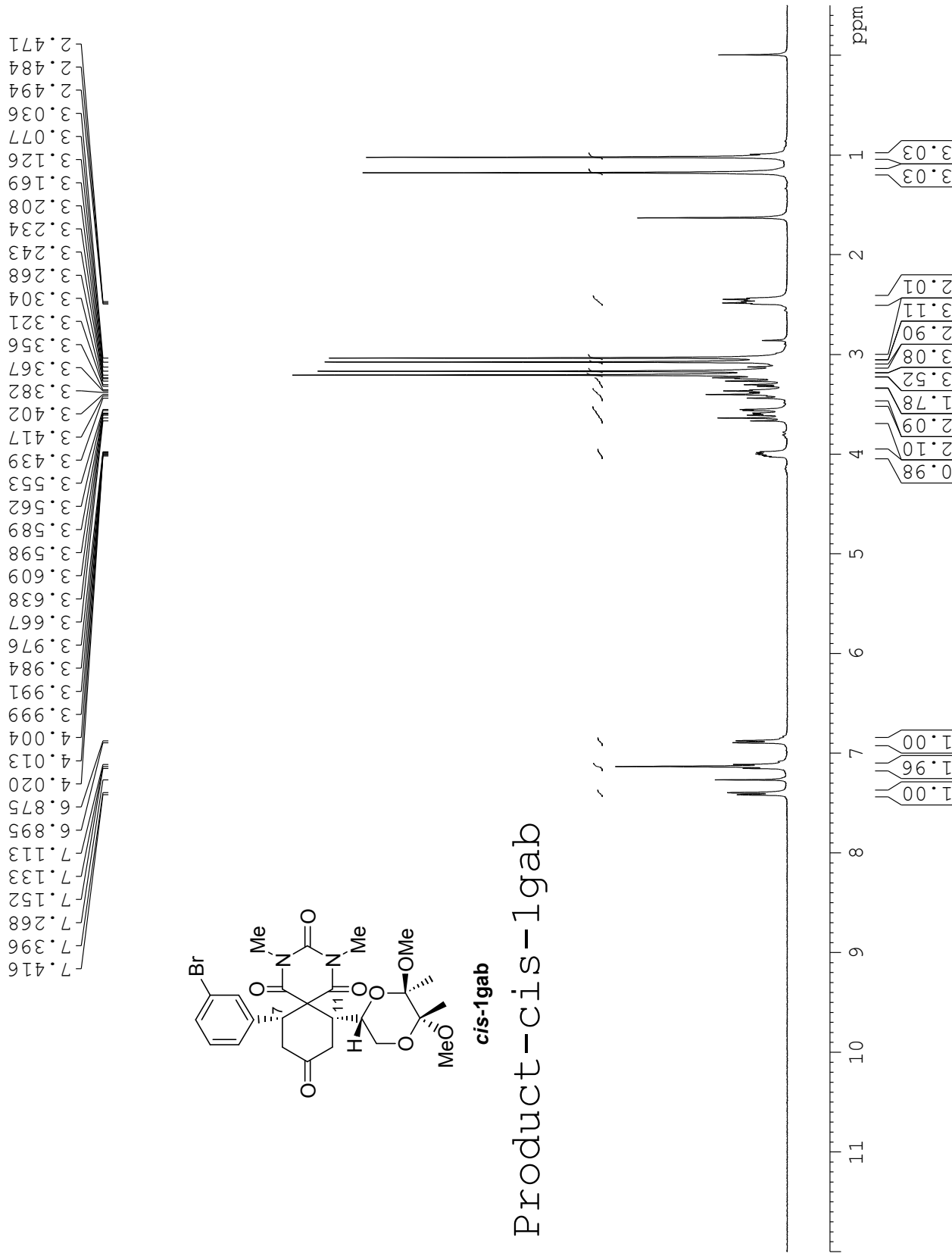


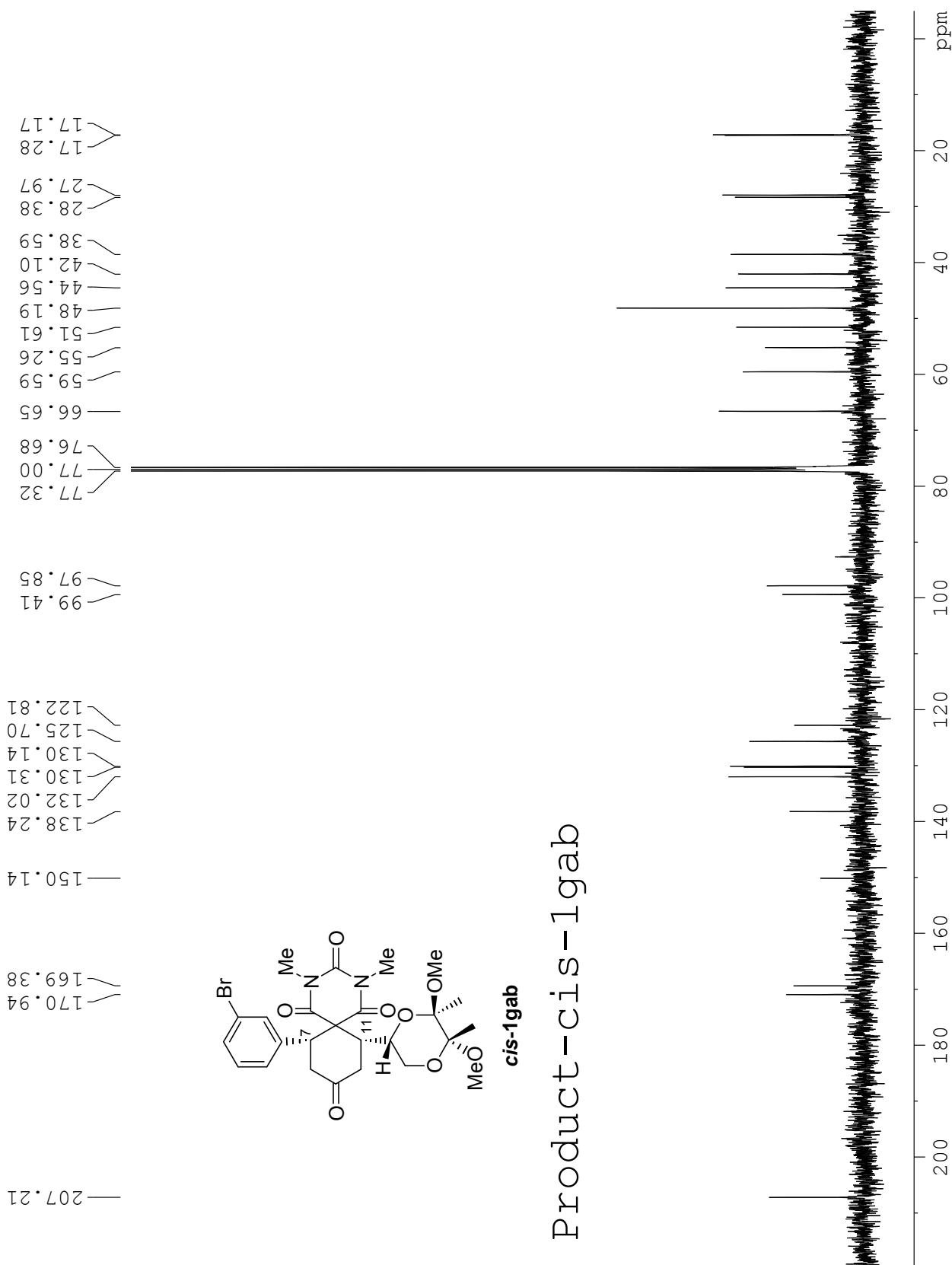


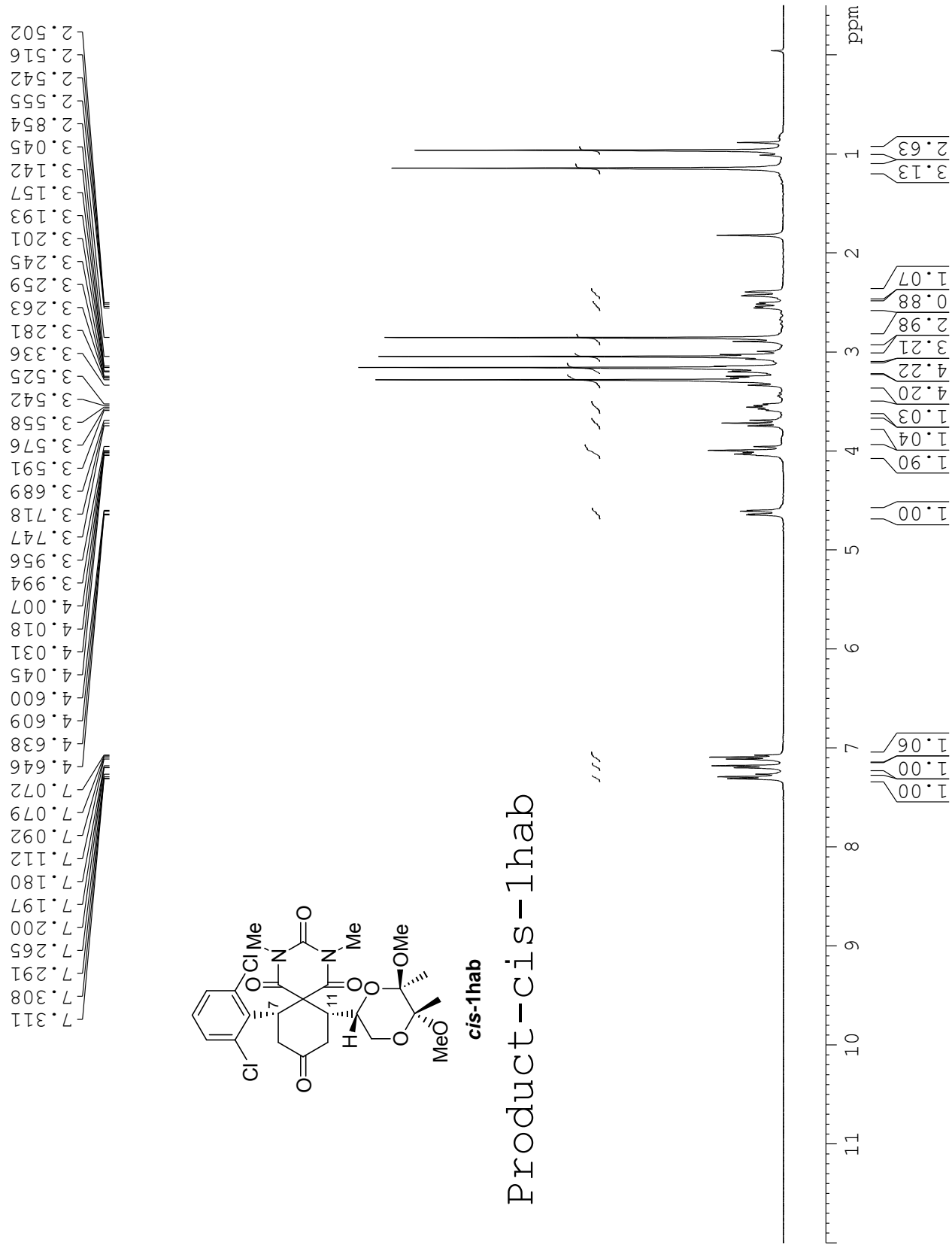




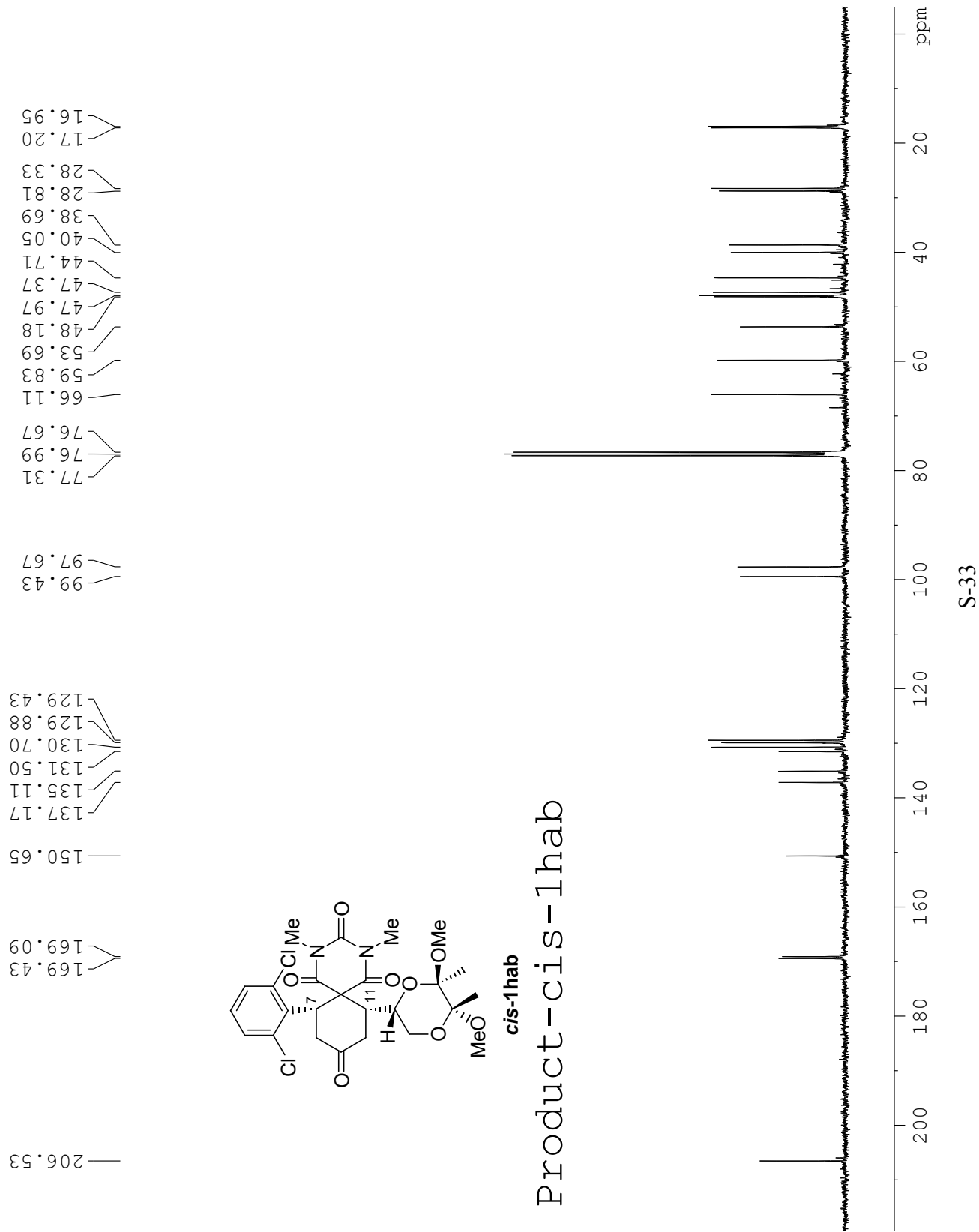


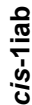




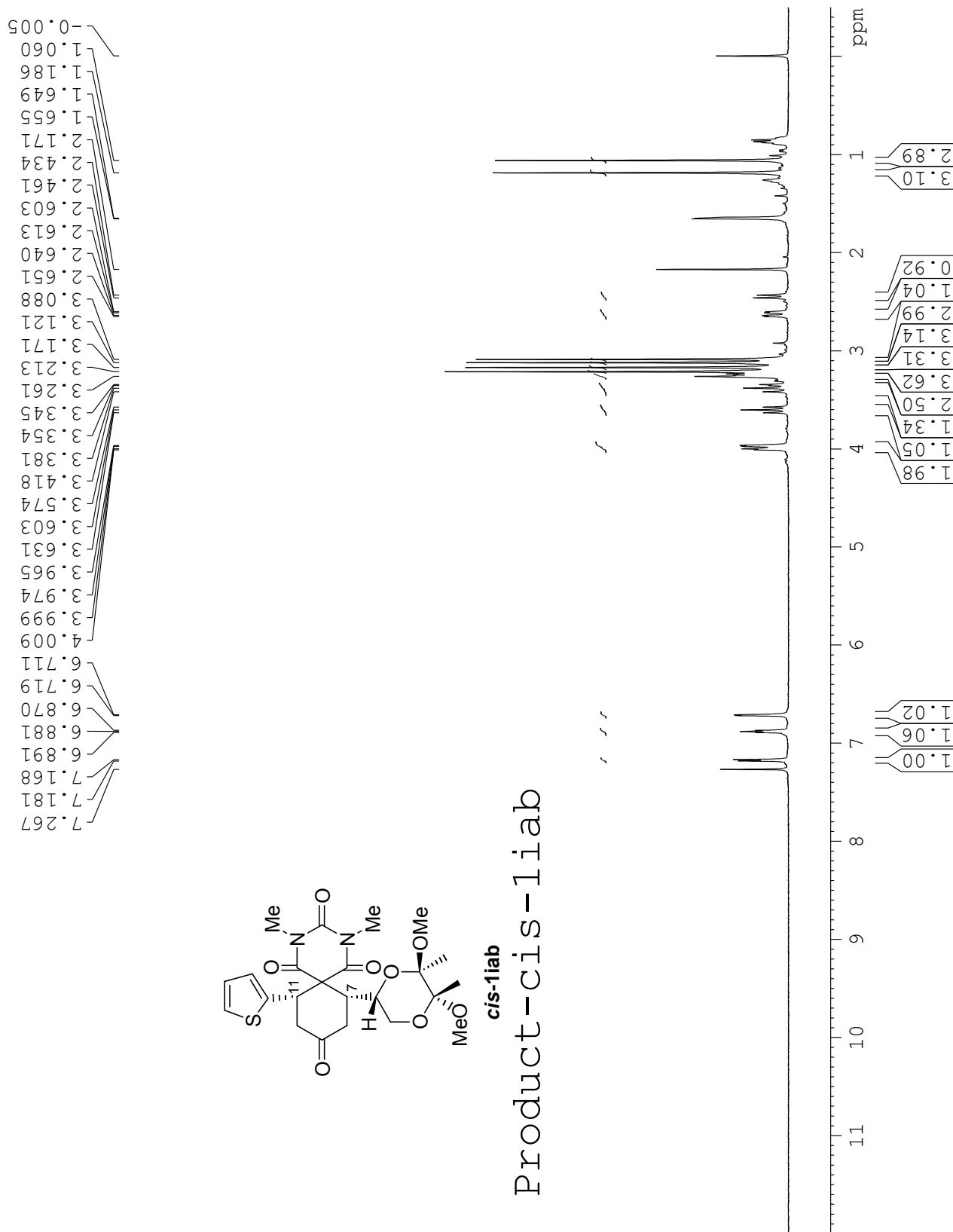




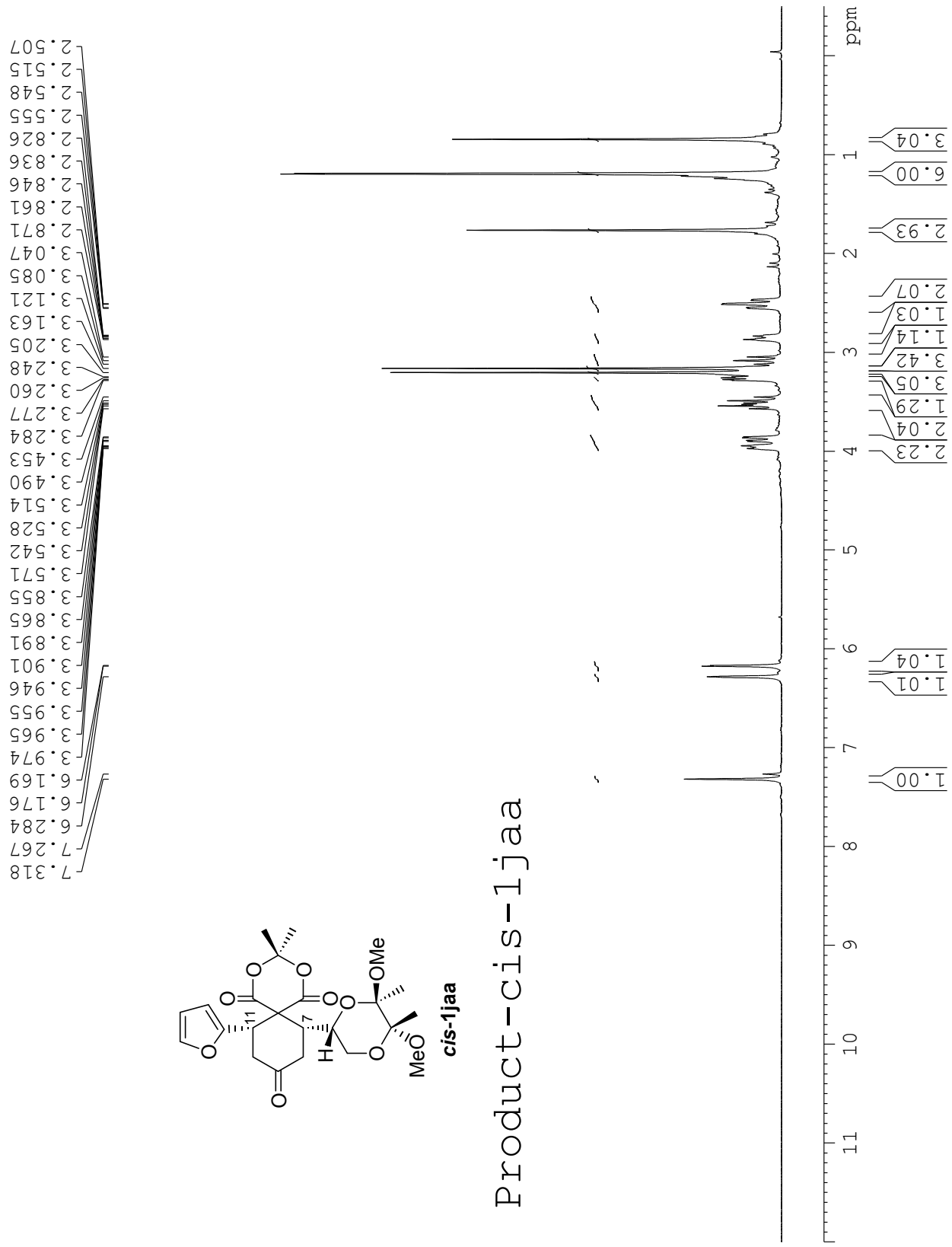


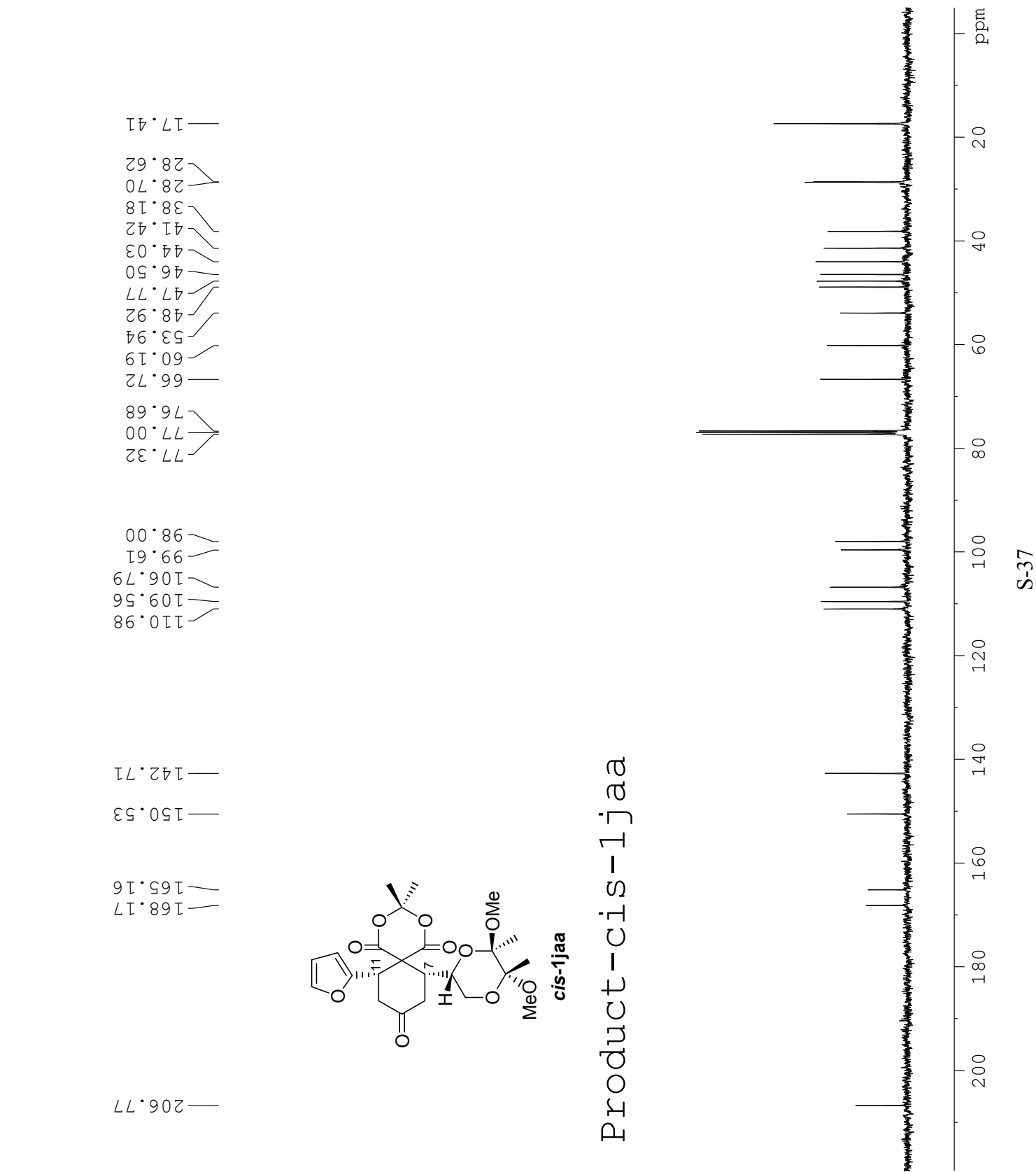


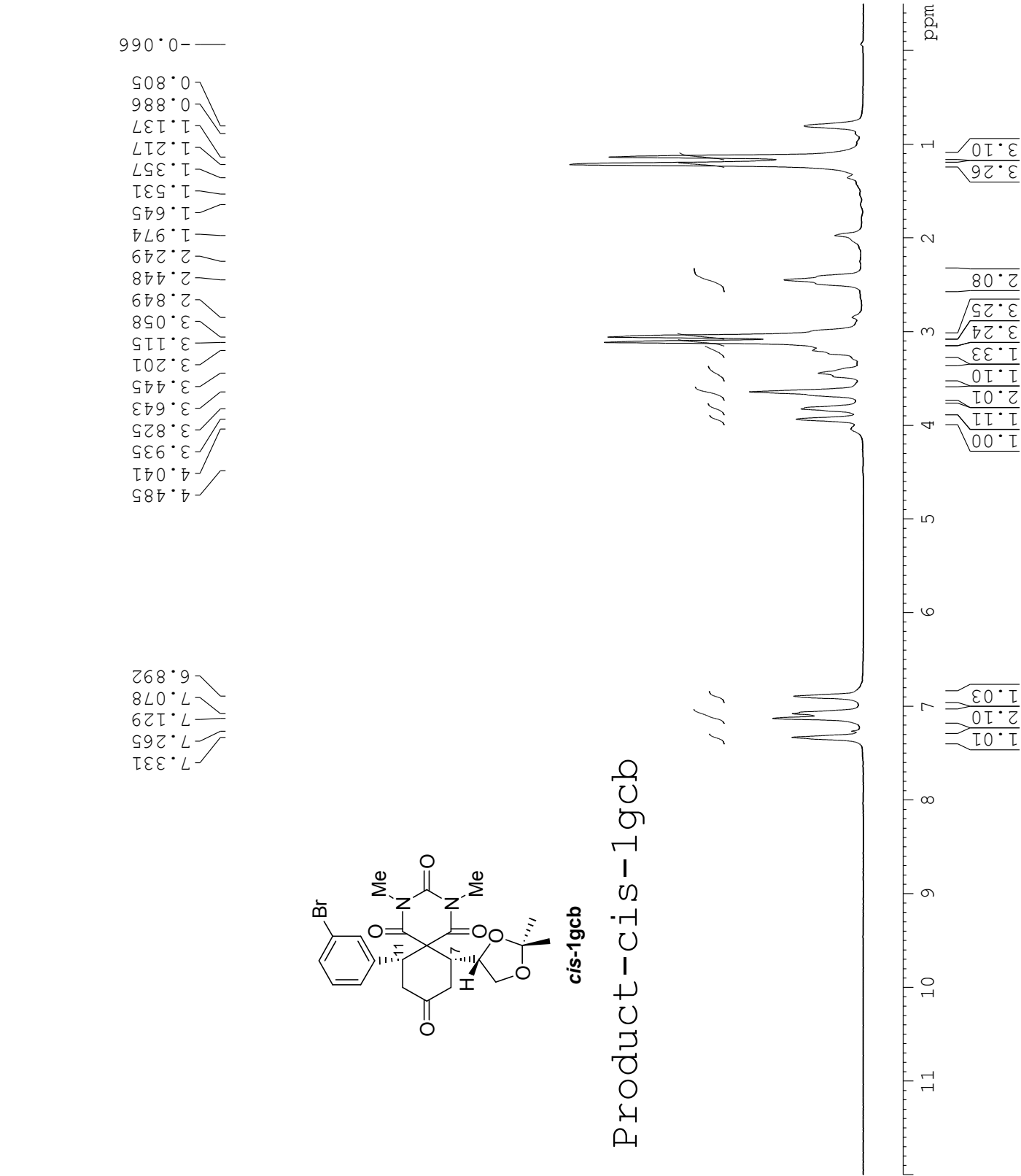
## Product-cis-liab

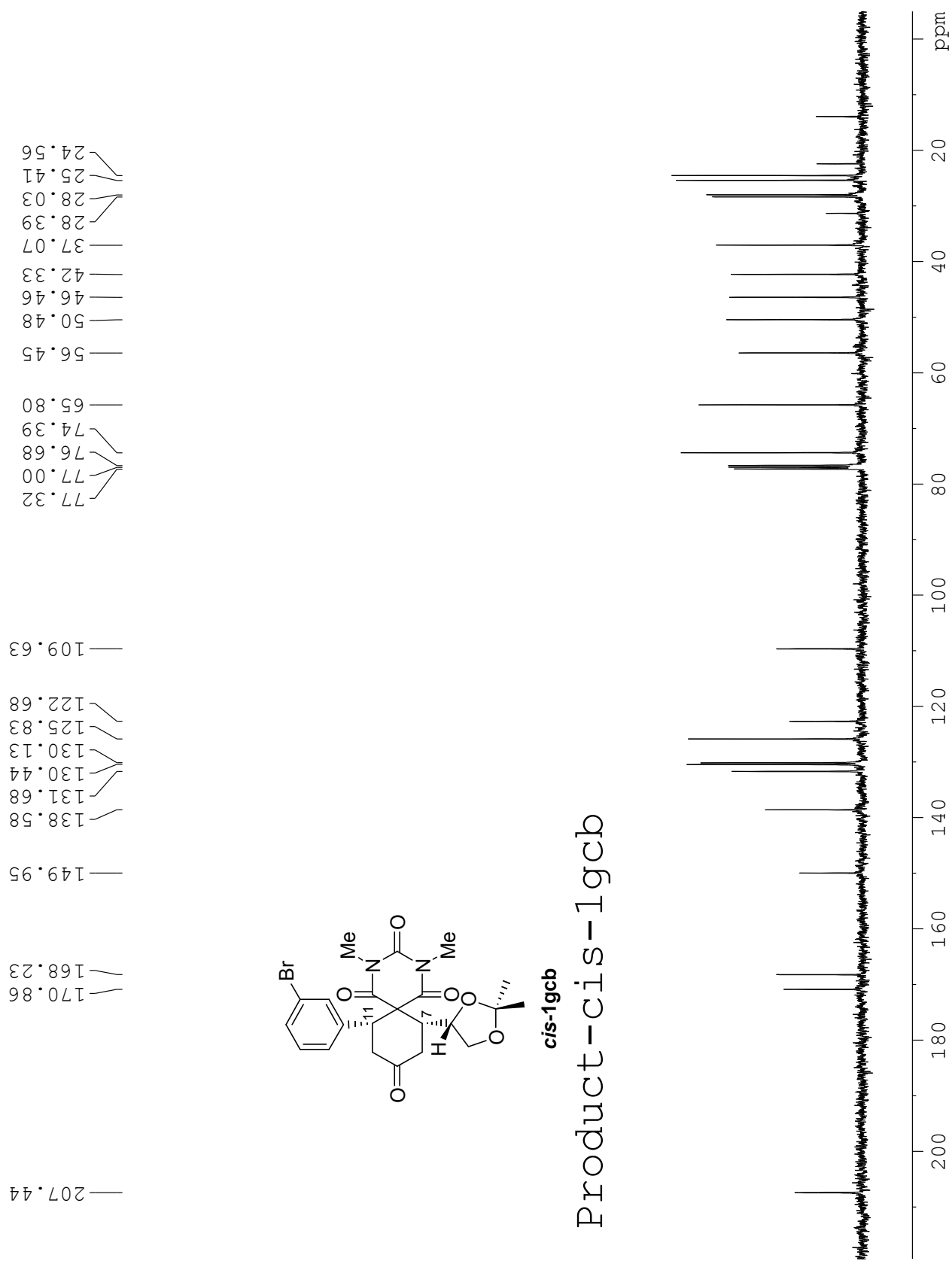


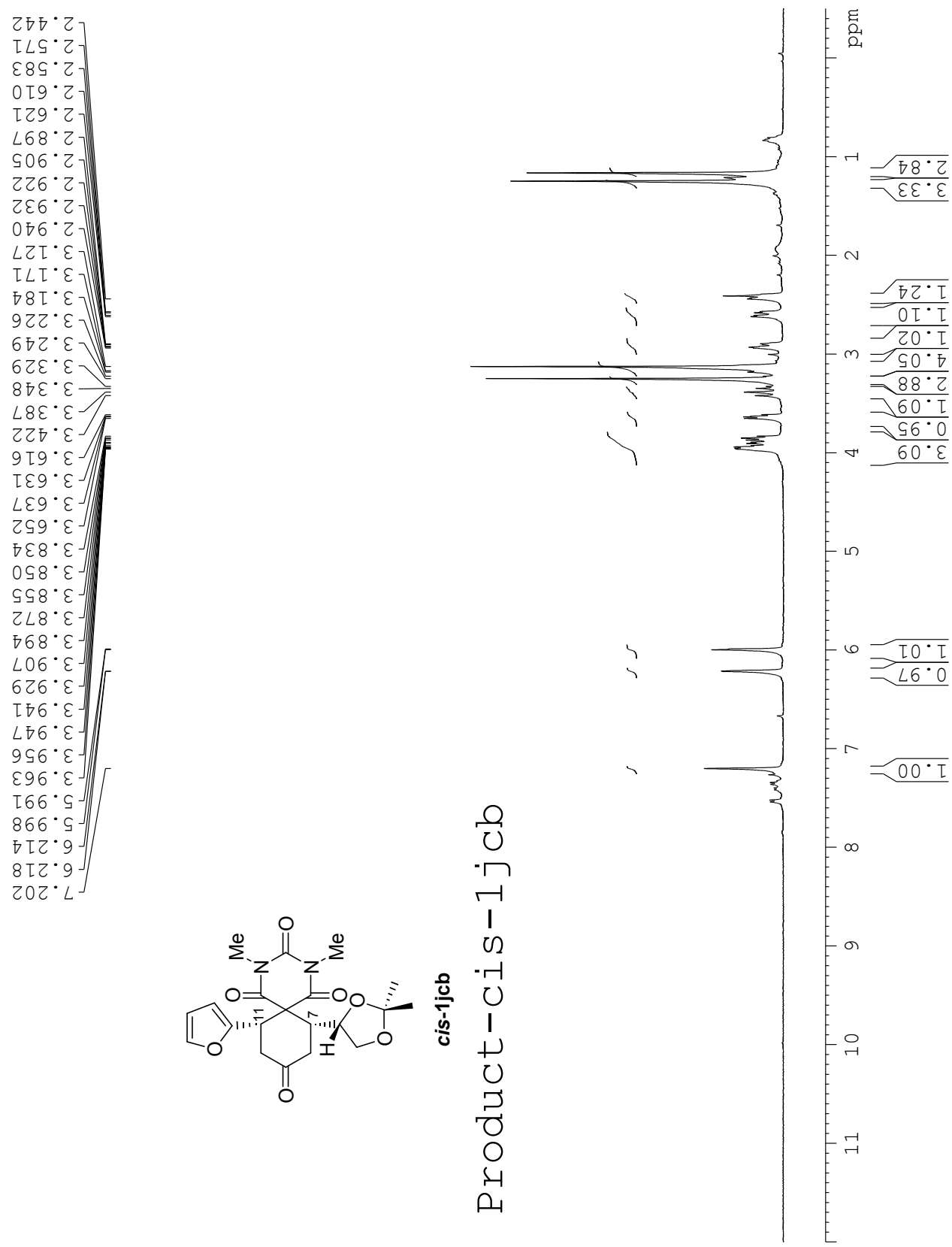




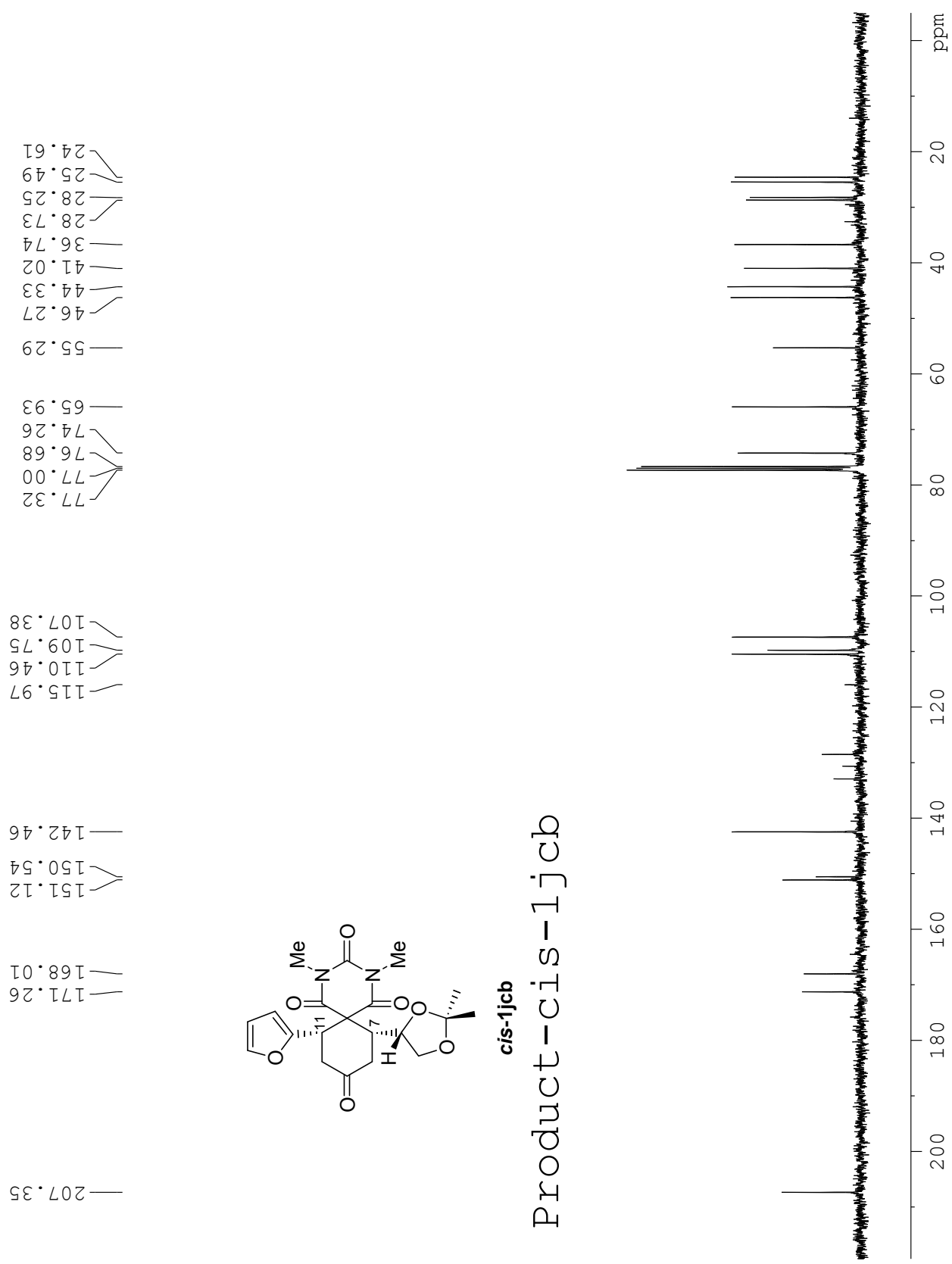


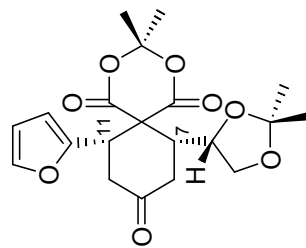






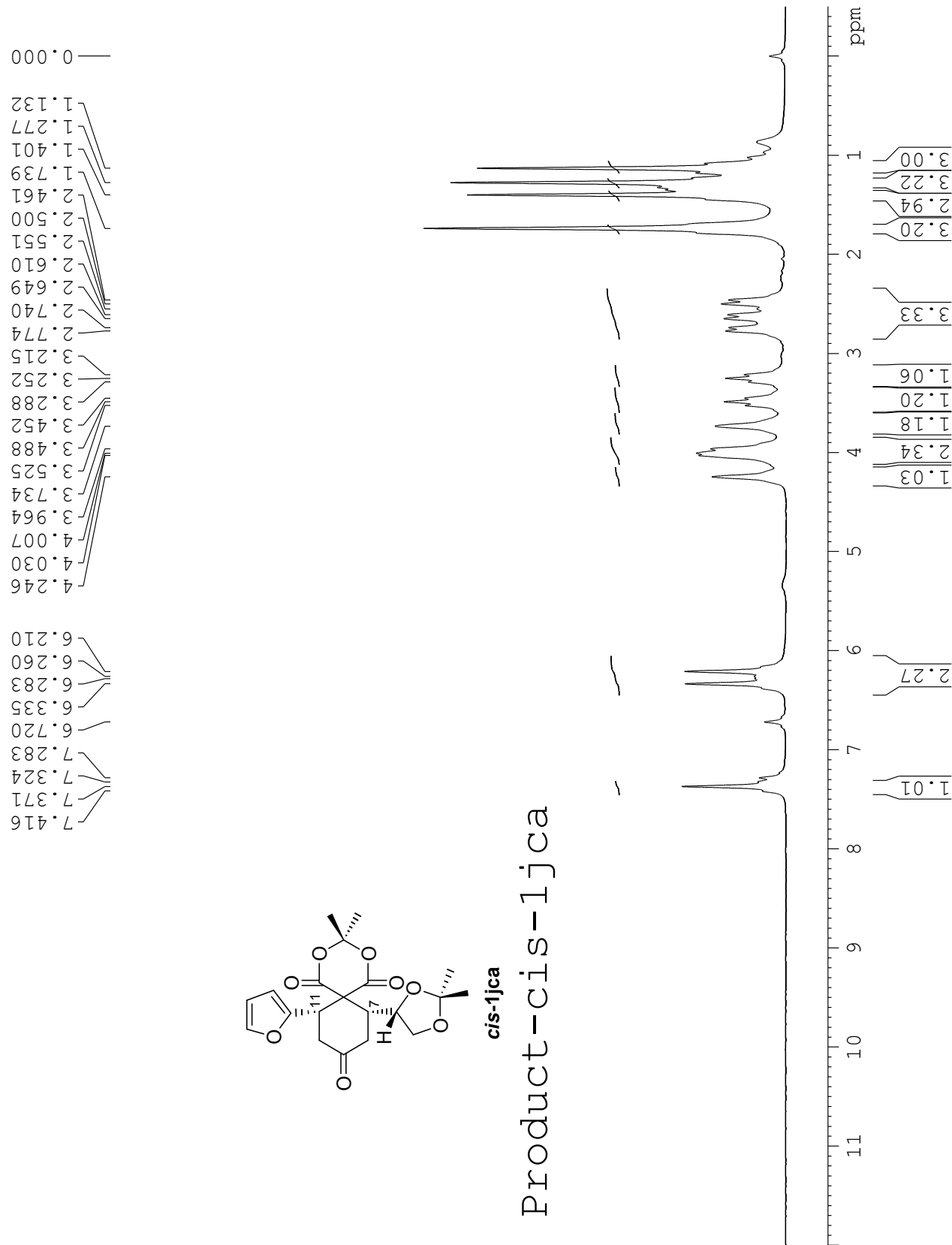


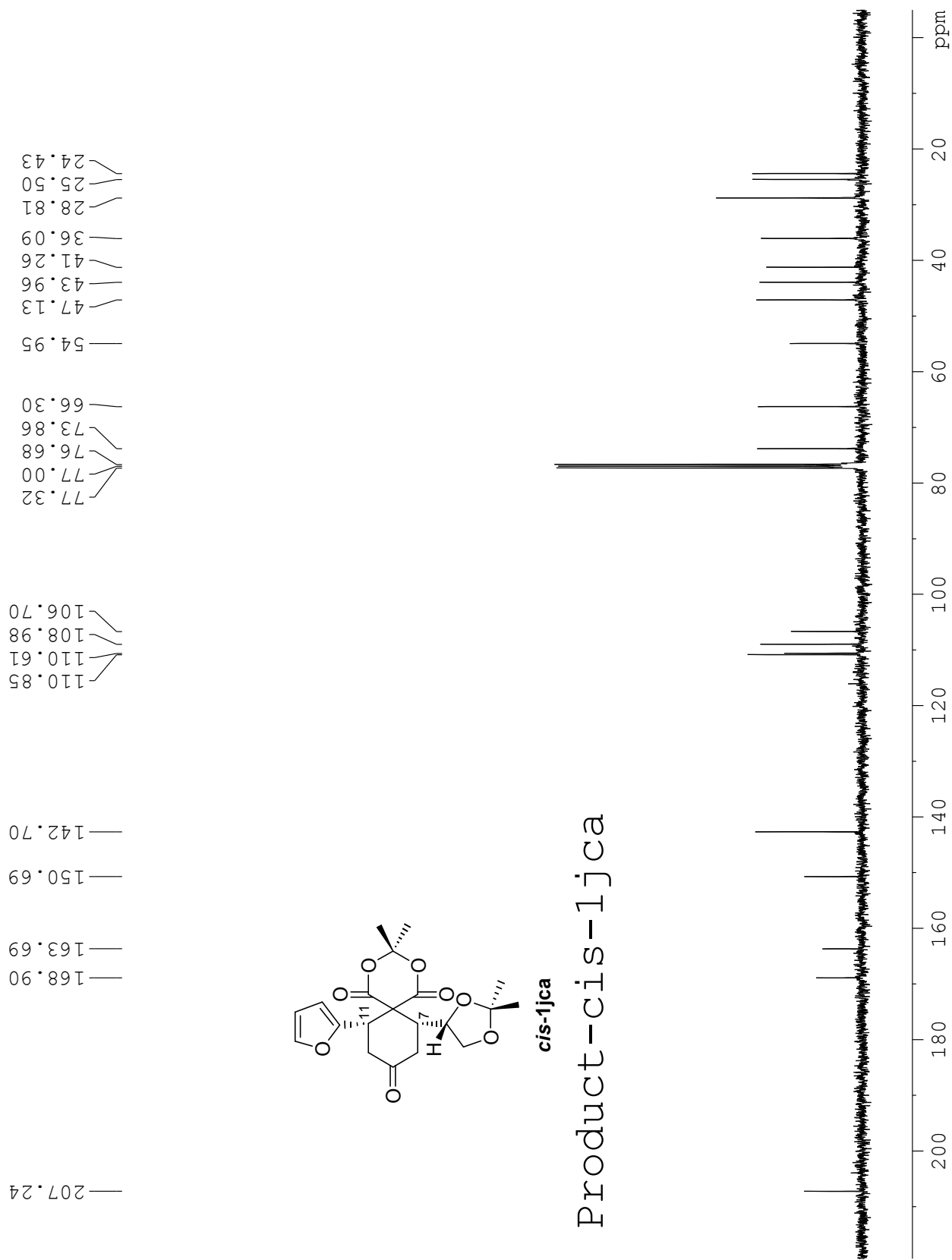


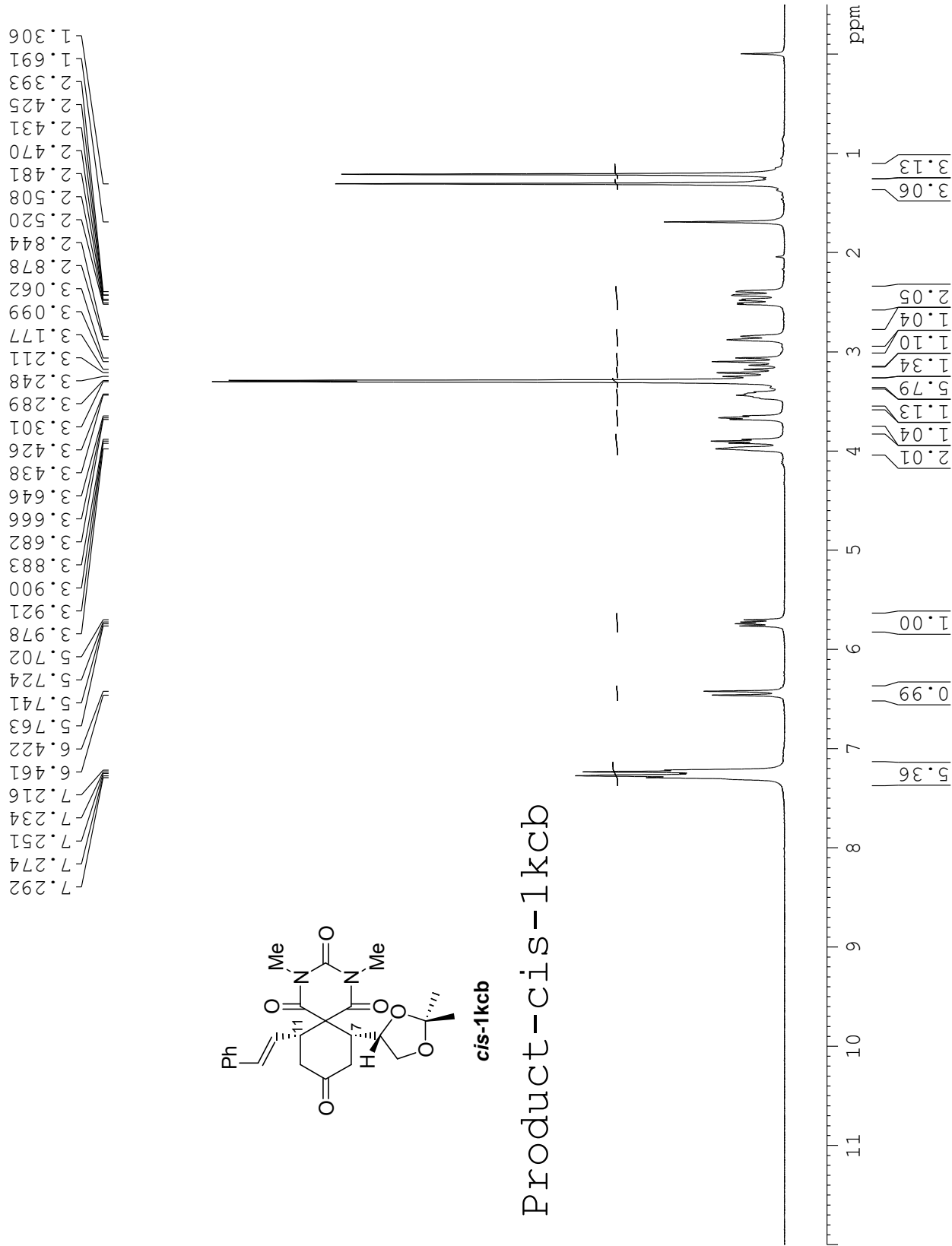


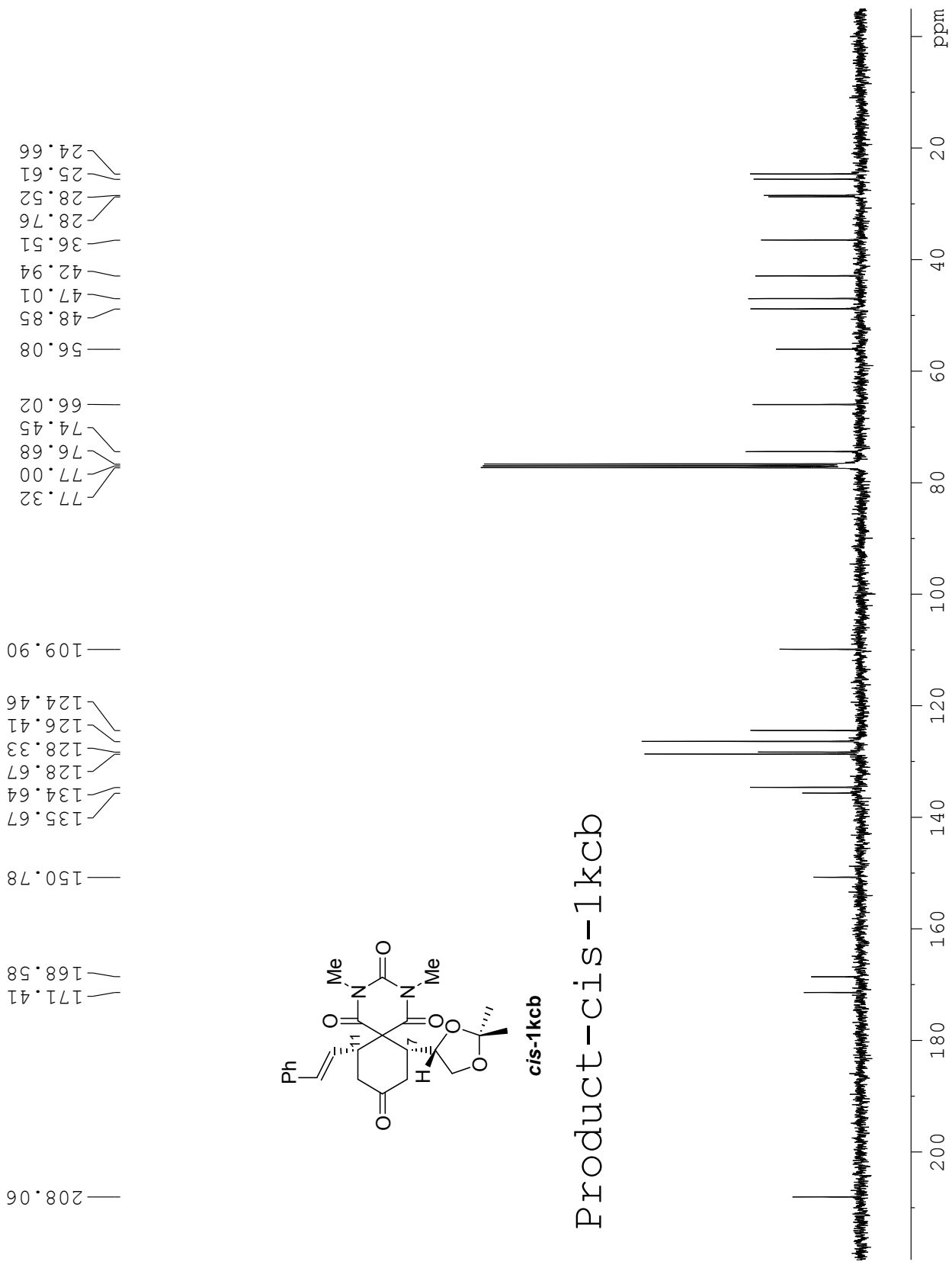
*cis-1jca*

Product-*cis-1jca*



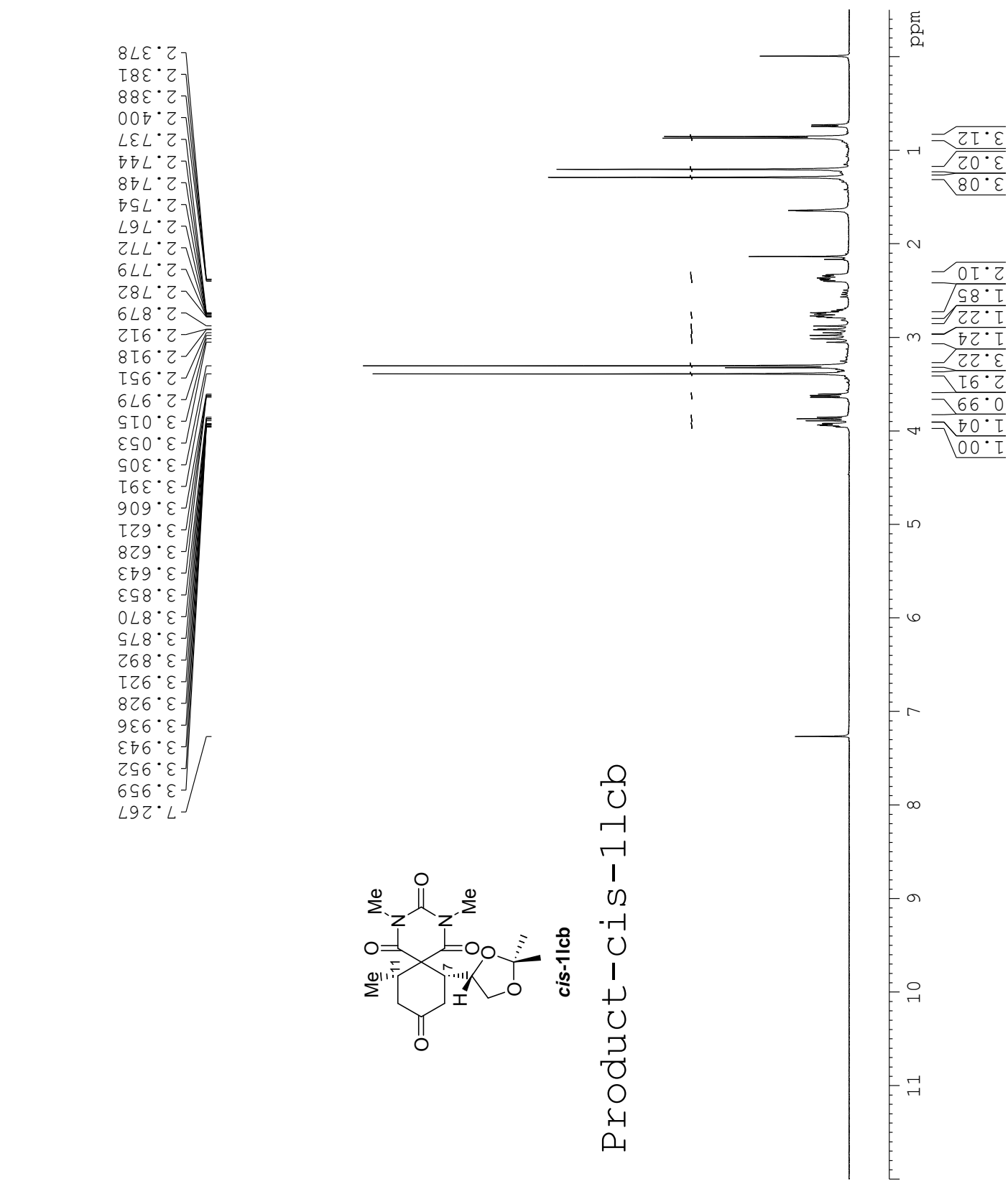


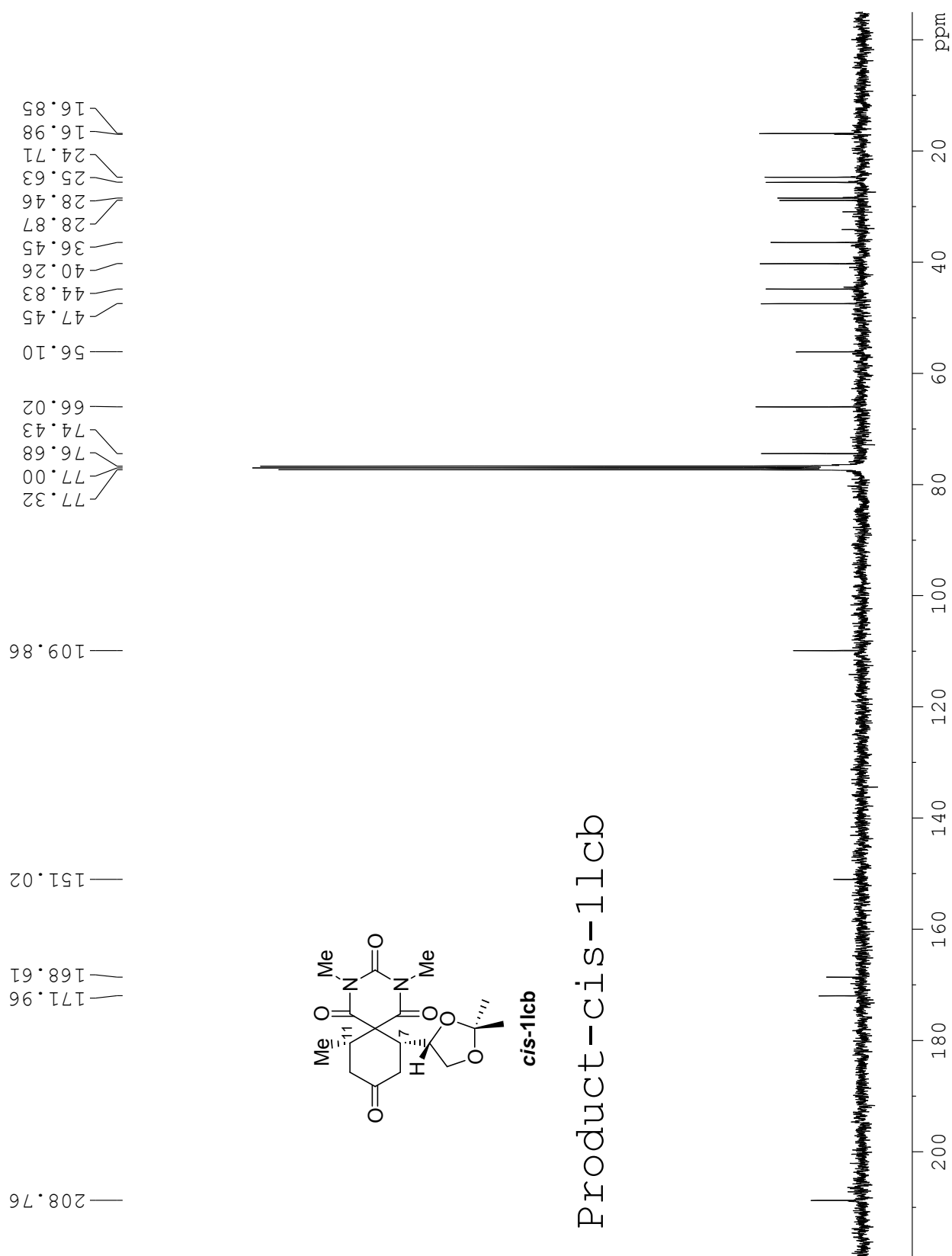


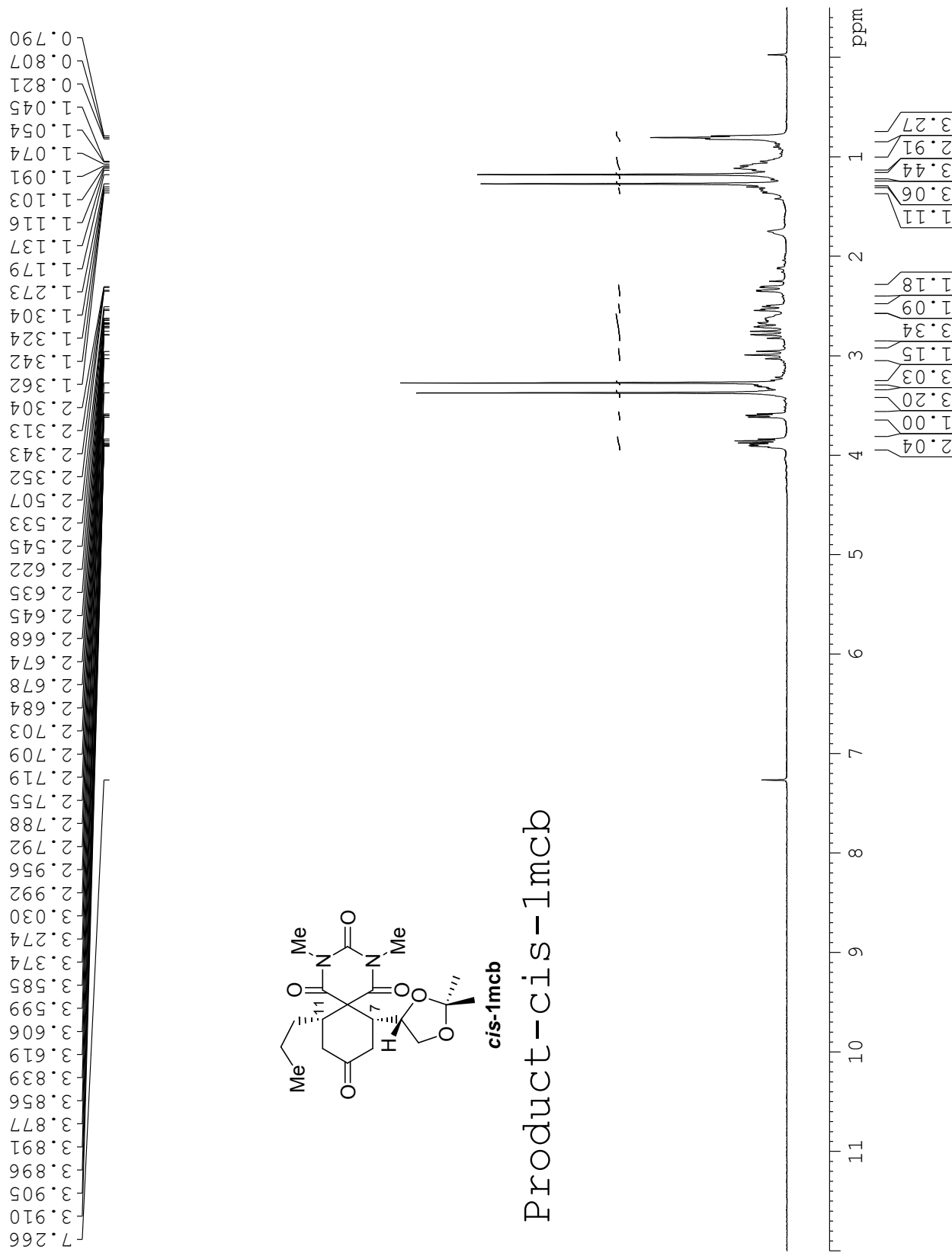


Product-*cis*-1kcb

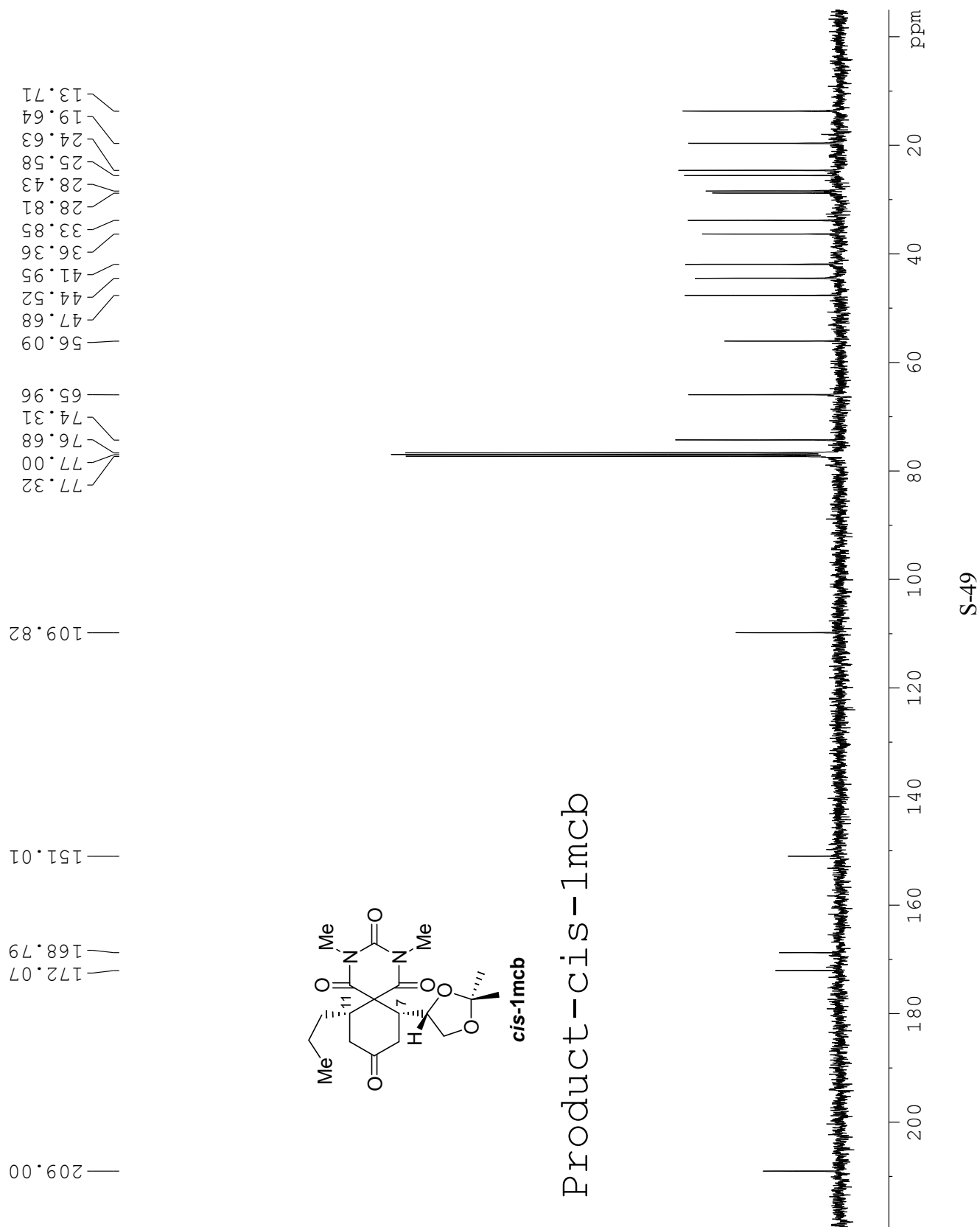
*cis*-1kcb

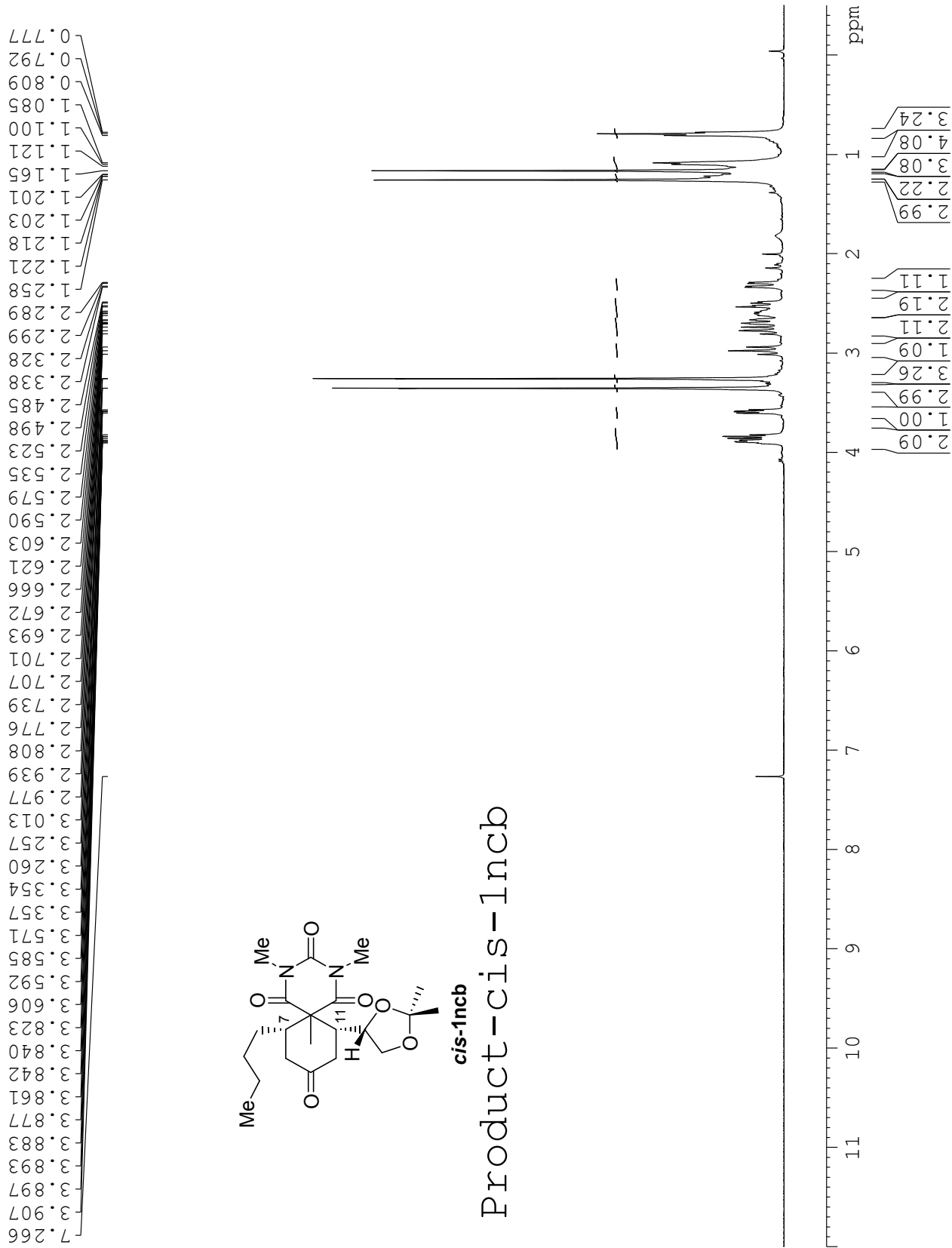


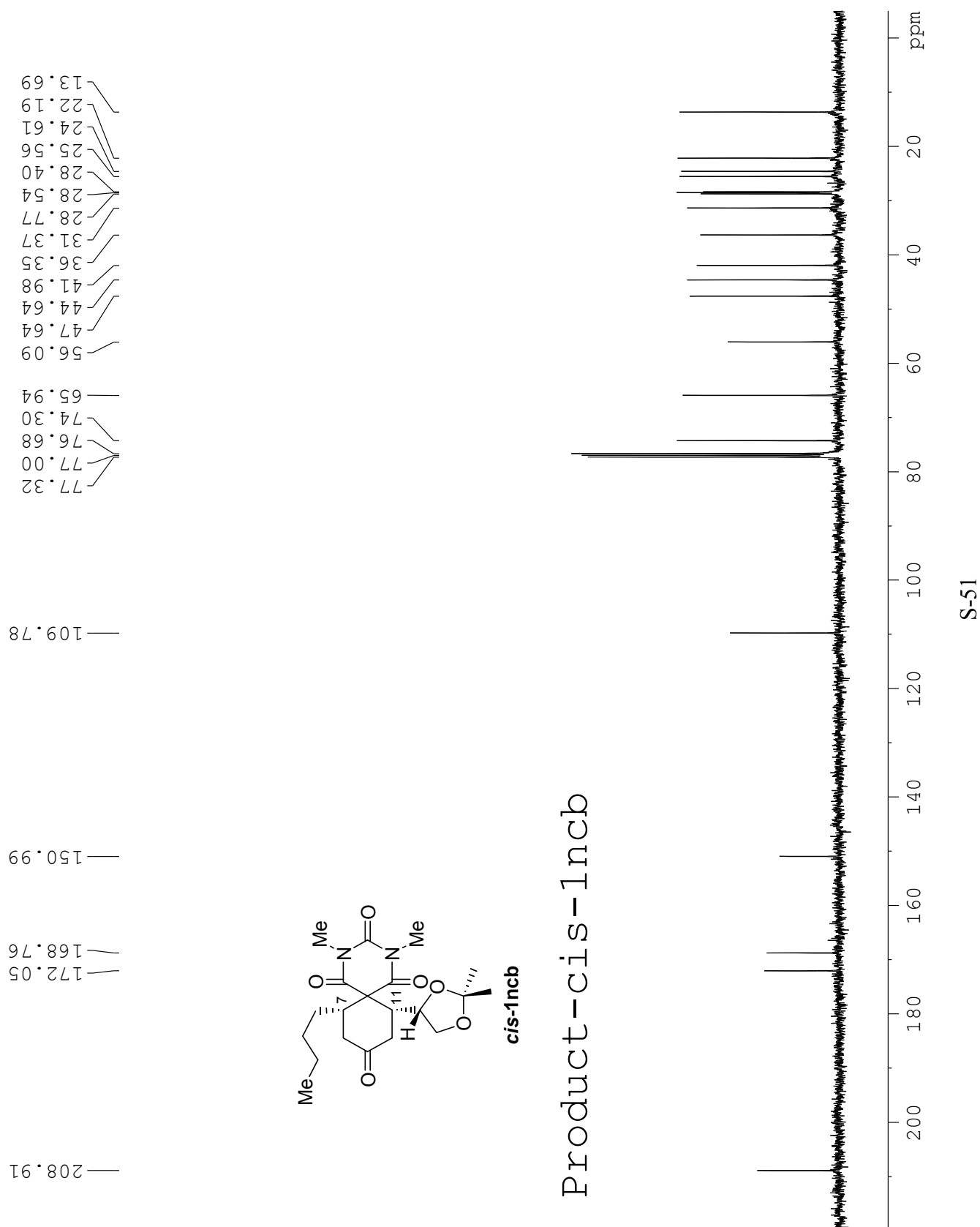


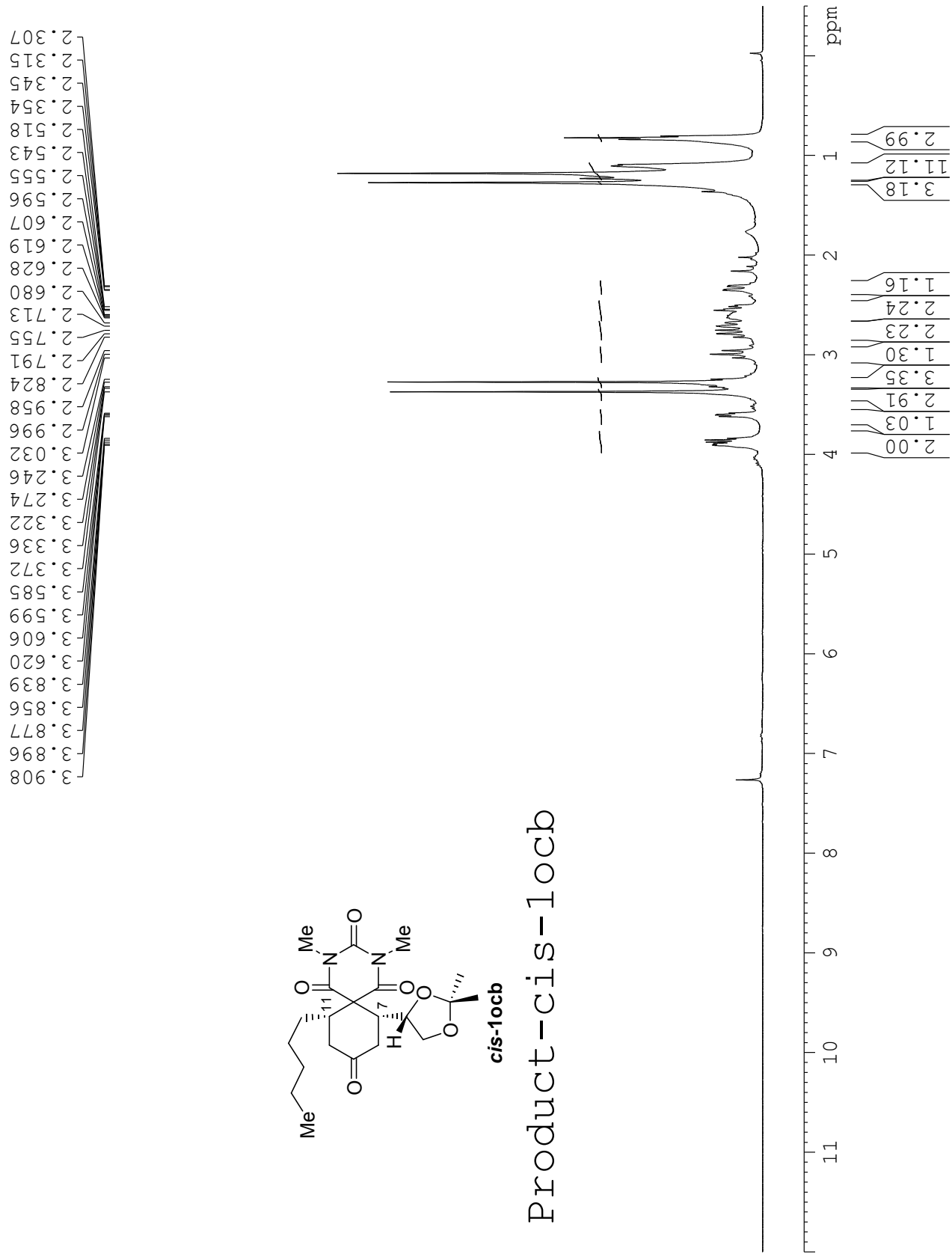


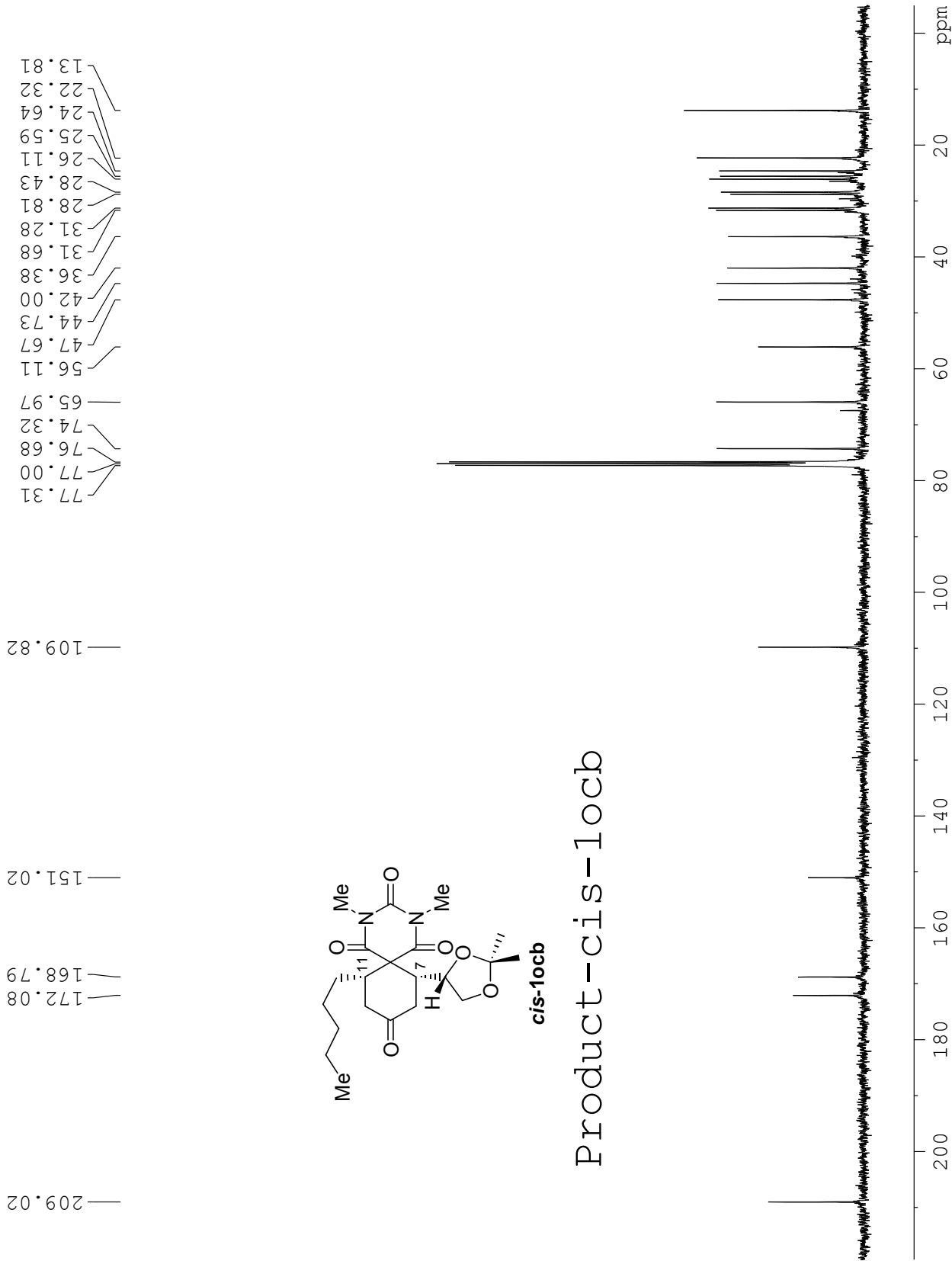


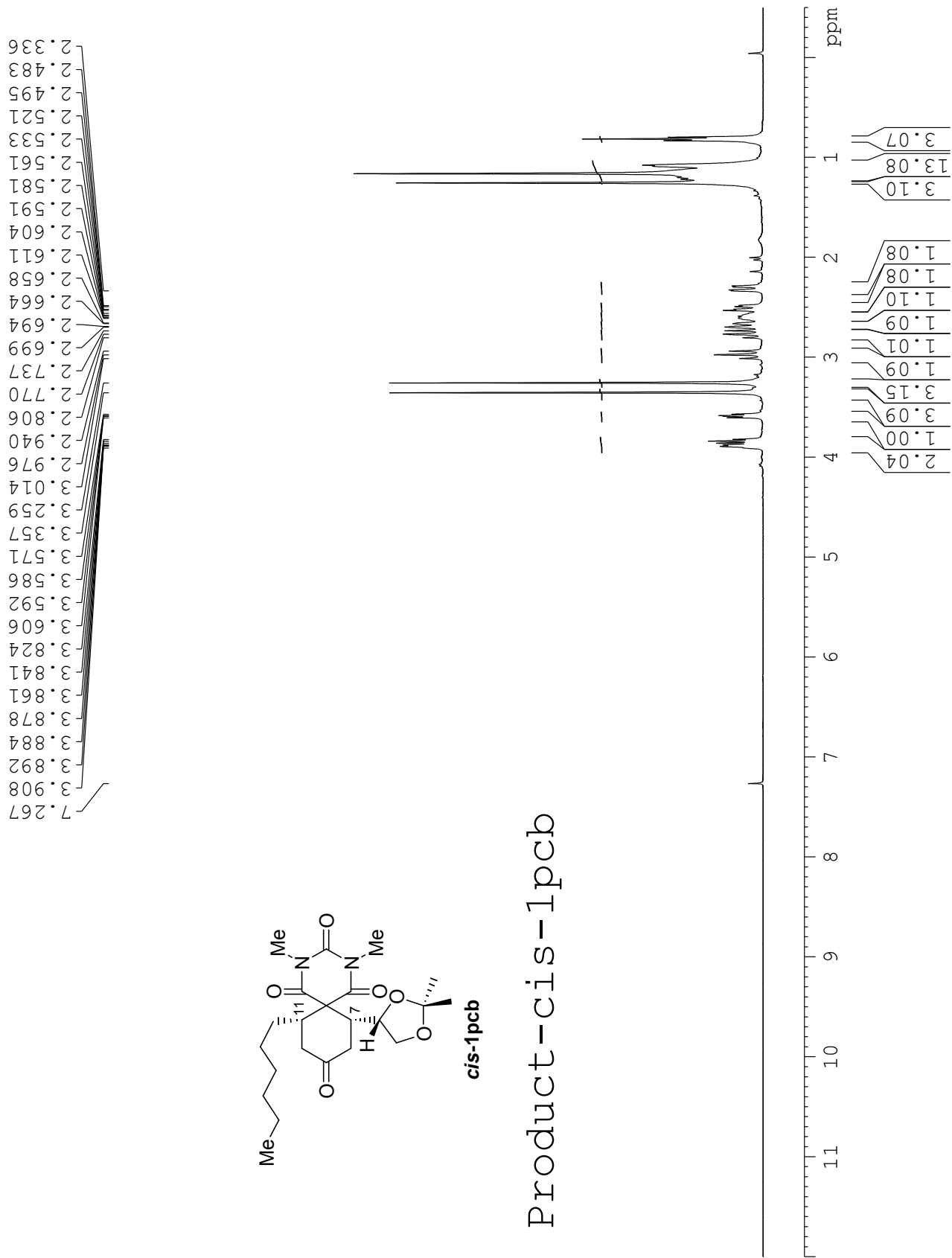


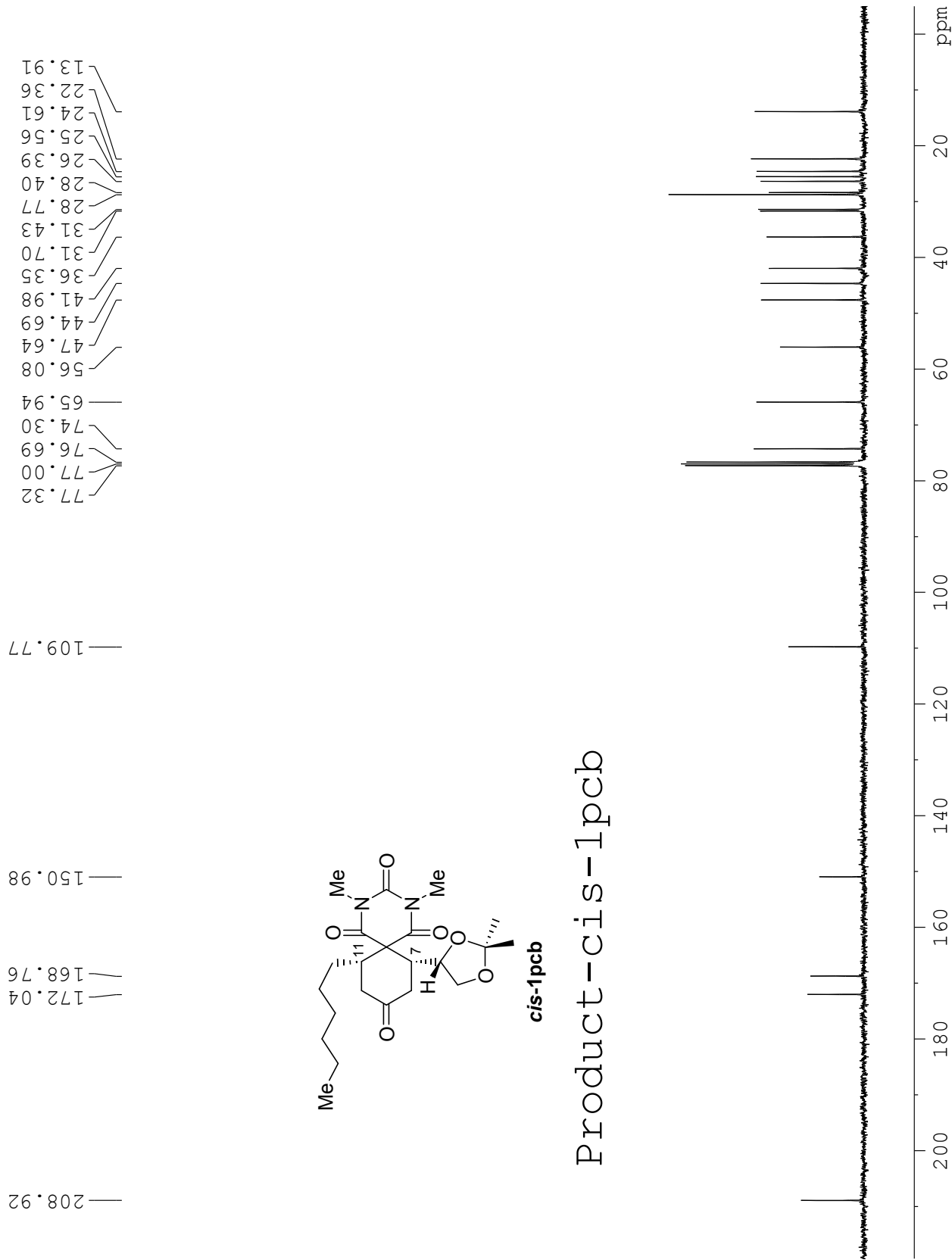


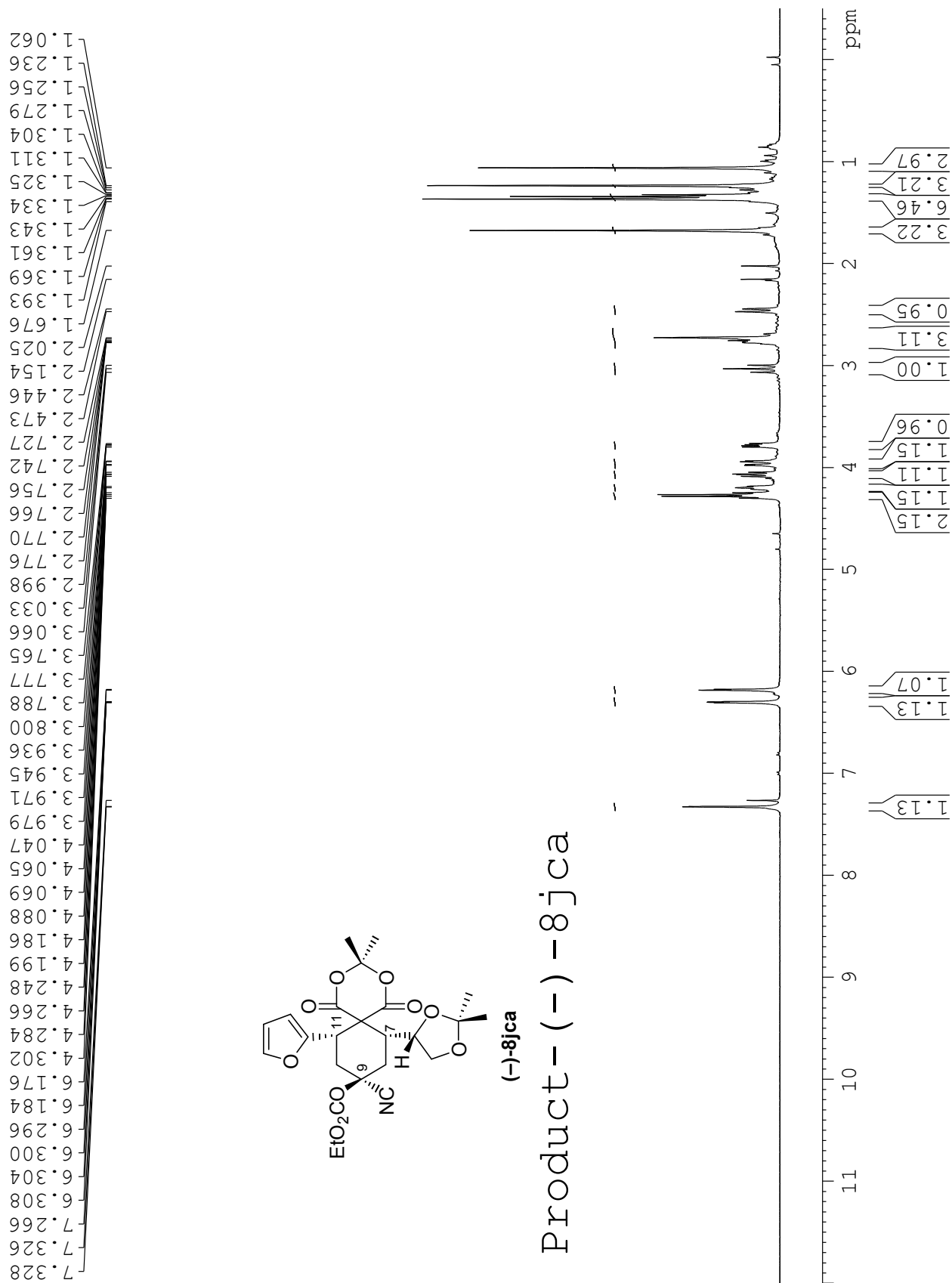




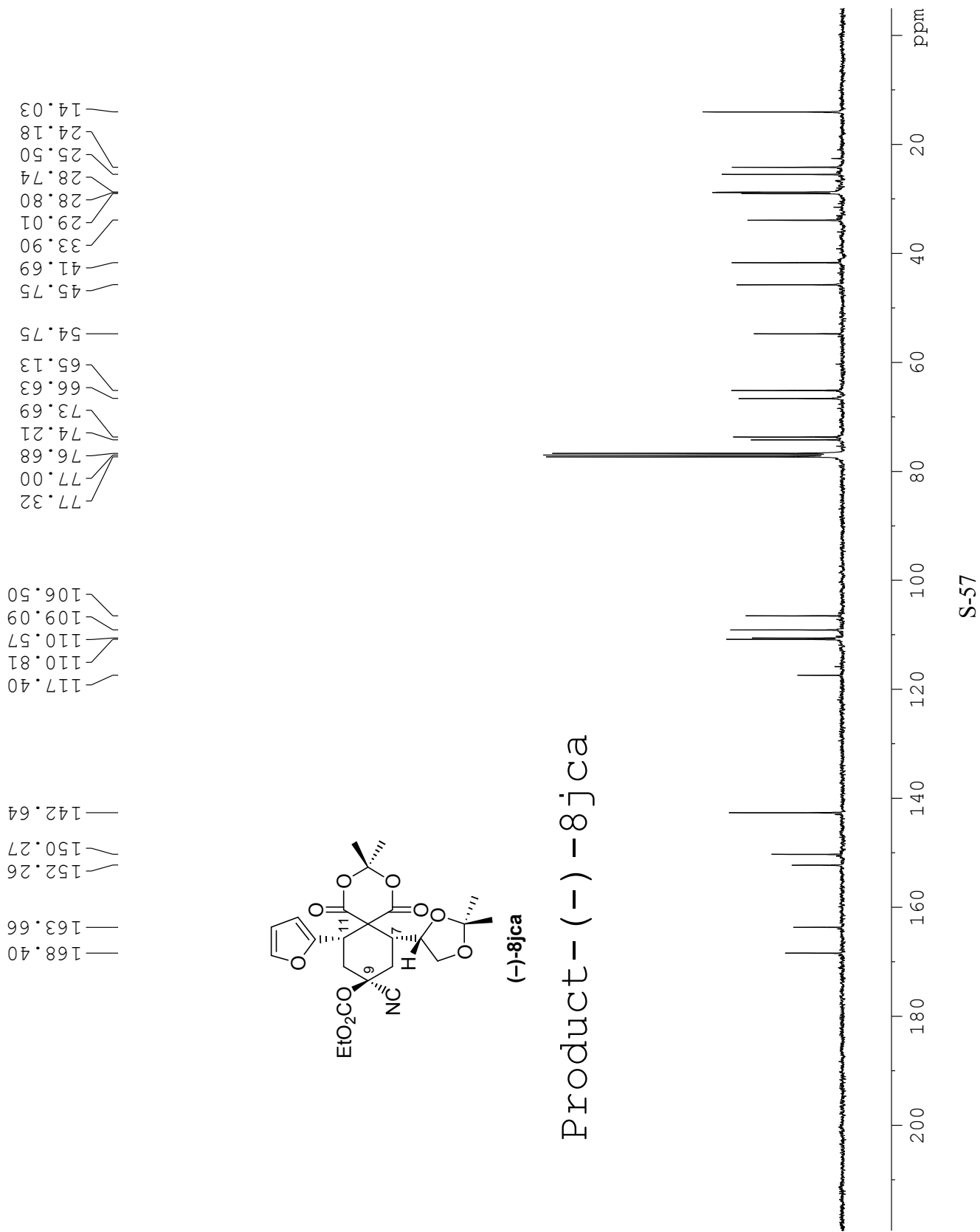


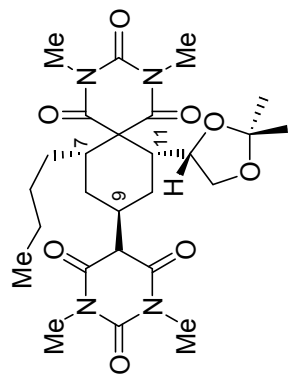












(-)-9ncb

Product - (-) - 9ncb

