

Electronic Supplementary Information

Ferric perchlorate-mediated one-step reaction of [60]fullerene with primary amides for the synthesis of fullerooxazoles

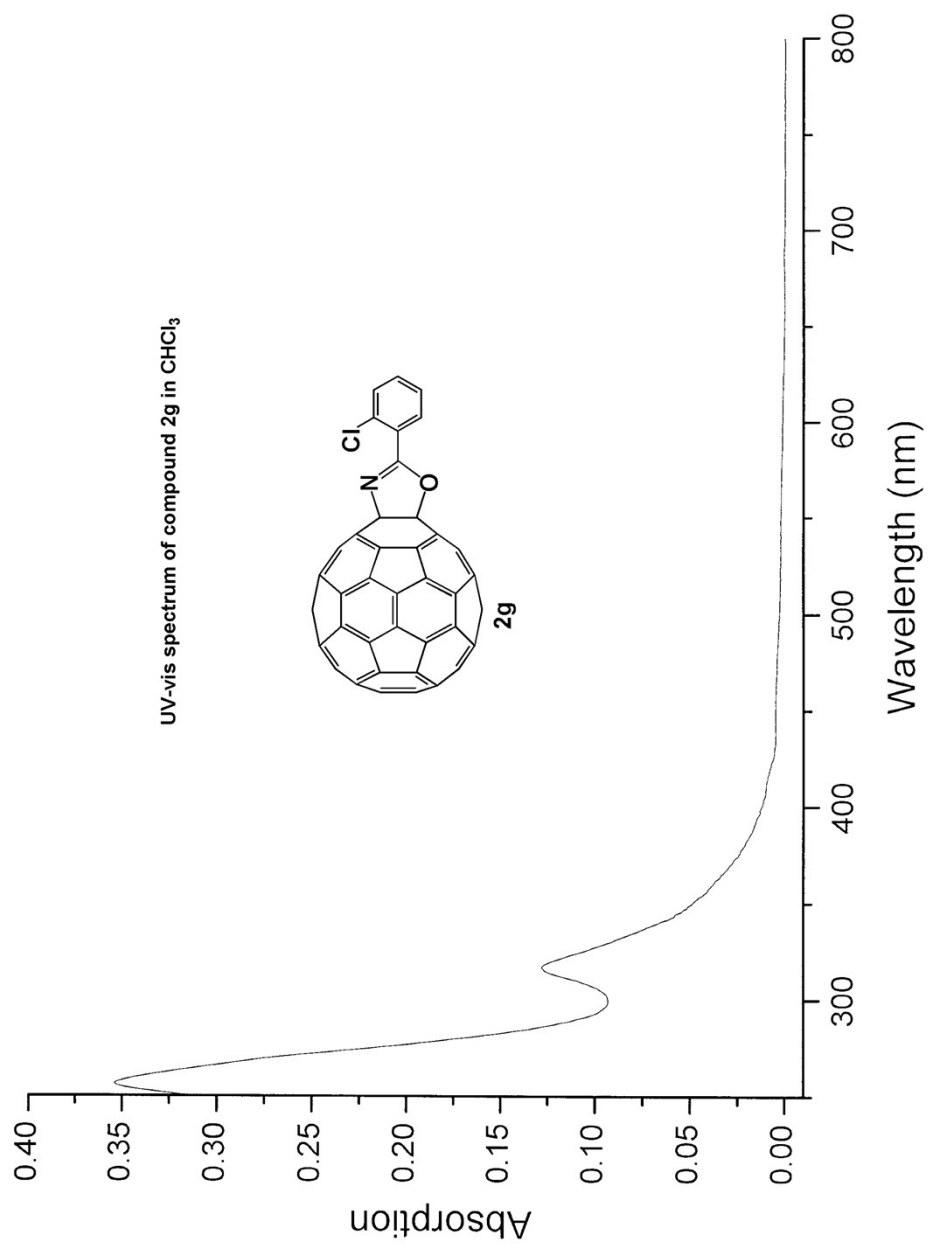
Xiao-Feng Zhang, Fa-Bao Li,* Ji-Long Shi, Jun Wu and Li Liu*

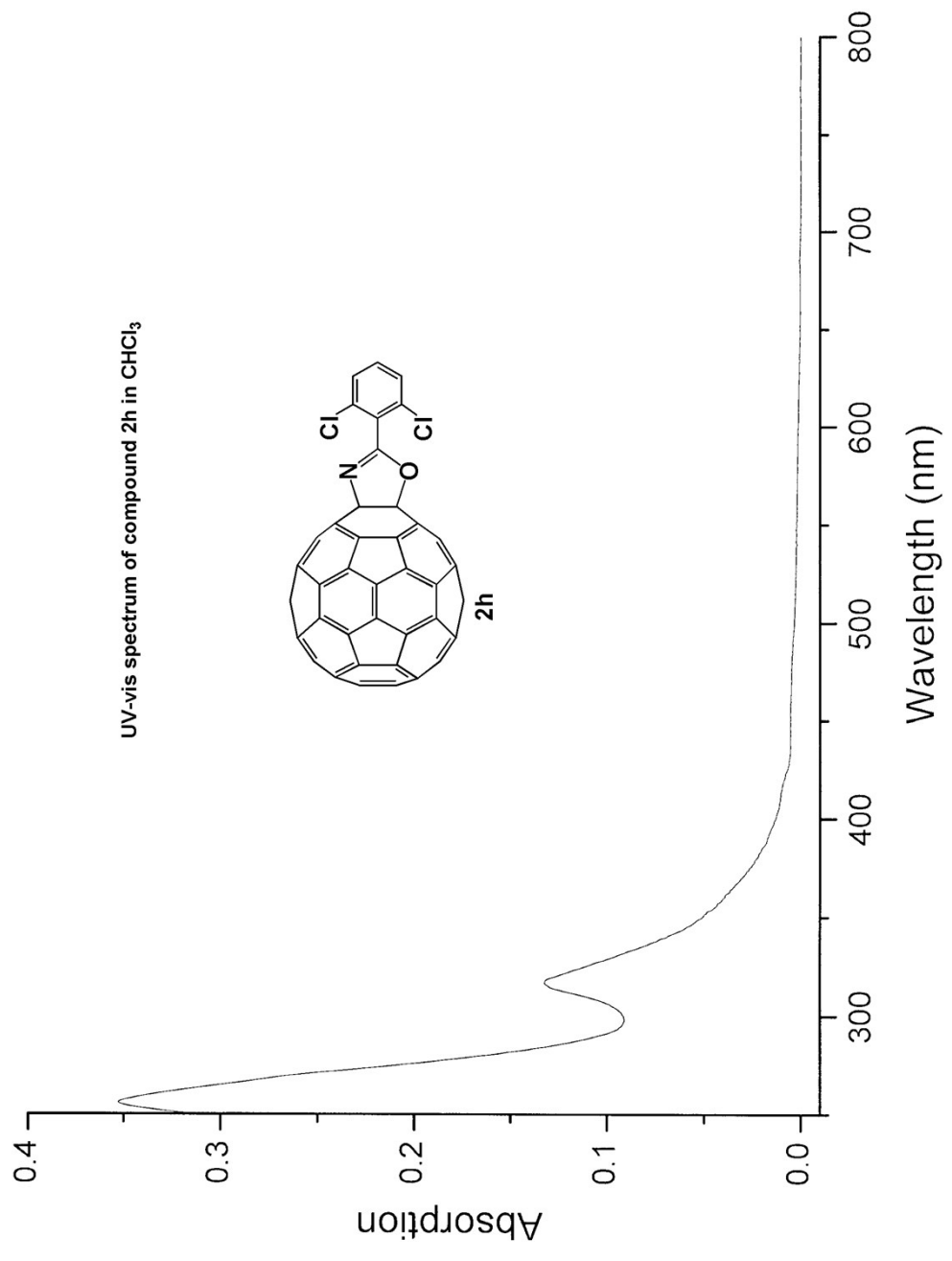
*Hubei Collaborative Innovation Center for Advanced Organic Chemical Materials,
Ministry of Education Key Laboratory for the Synthesis and Application of Organic
Functional Molecules, and School of Chemistry and Chemical Engineering, Hubei*

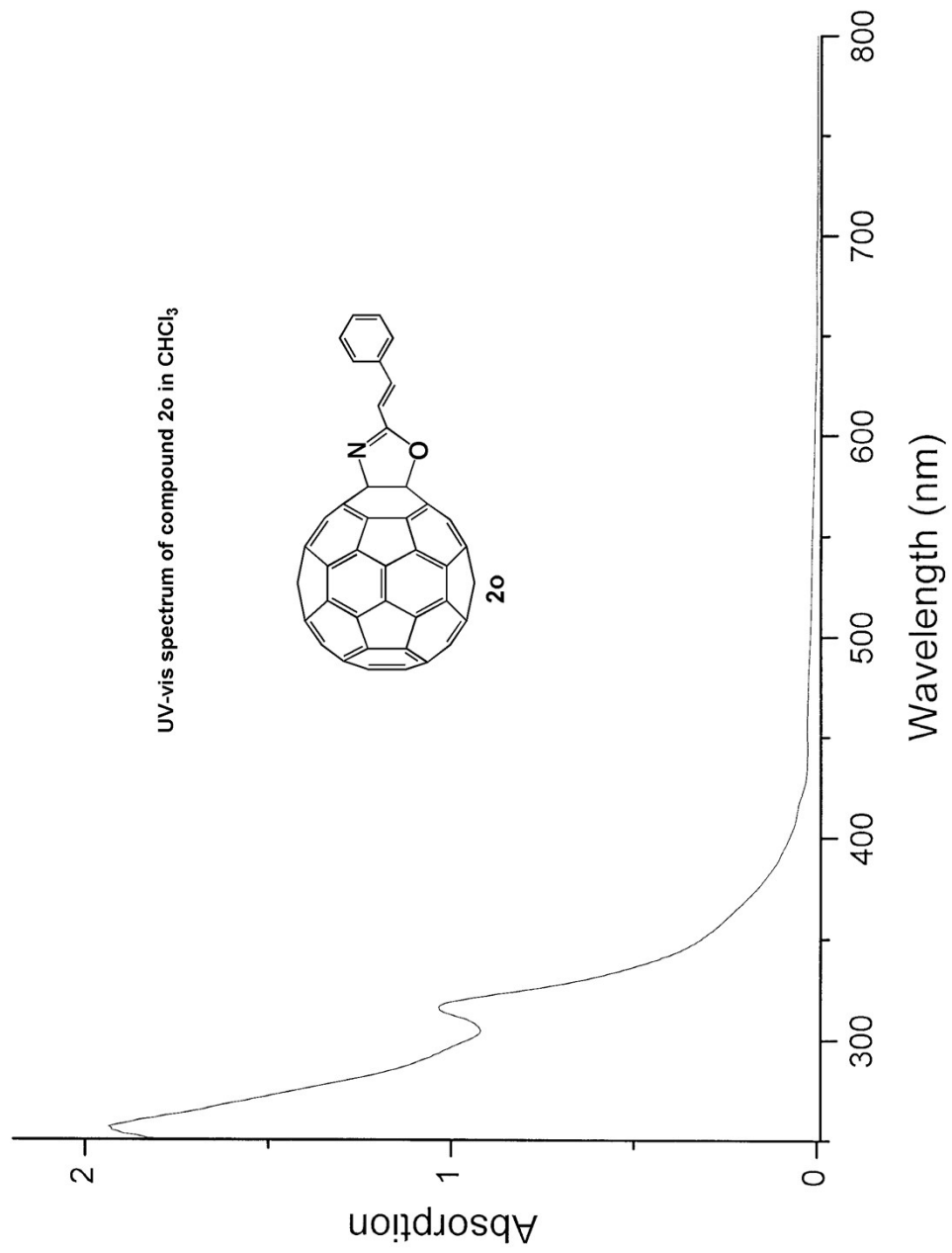
University, Wuhan 430062, P. R. China

lfb0615@hubu.edu.cn and liulihubei@hubu.edu.cn

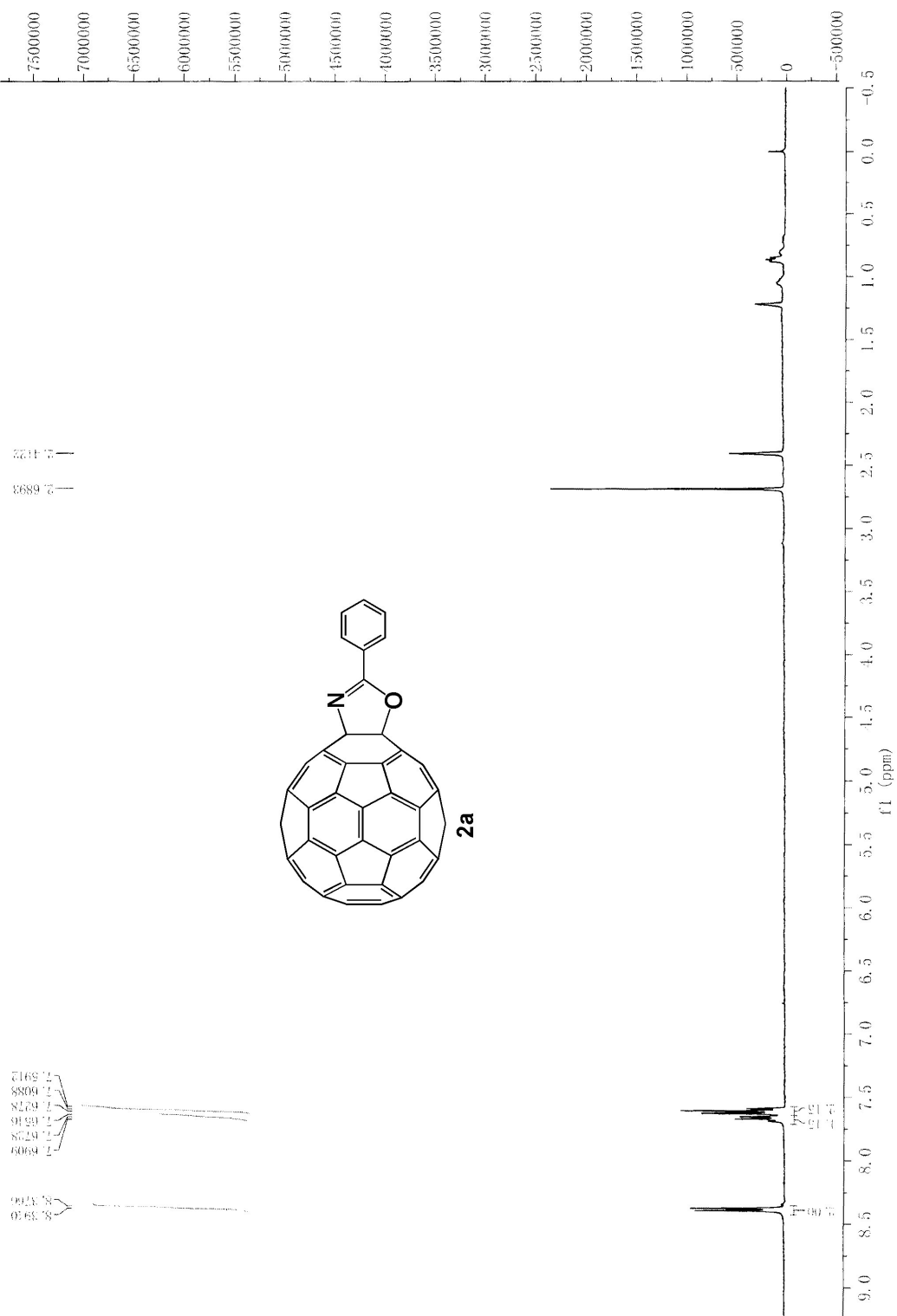
UV-vis spectrum of fullerooxazole 2g	S2
UV-vis spectrum of fullerooxazole 2h	S3
UV-vis spectrum of fullerooxazole 2o	S4
¹ H NMR spectrum of compound 2a	S5
¹³ C NMR spectrum of compound 2a	S6-S7
¹ H NMR spectrum of compound 2b	S8
¹ H NMR spectrum of compound 2c	S9
¹ H NMR spectrum of compound 2d	S10
¹ H NMR spectrum of compound 2e	S11
¹ H NMR spectrum of compound 2f	S12
¹ H NMR spectrum of compound 2g	S13
¹³ C NMR spectrum of compound 2g	S14-S15
¹ H NMR spectrum of compound 2h	S16
¹³ C NMR spectrum of compound 2h	S17-S18
¹ H NMR spectrum of compound 2i	S19
¹ H NMR spectrum of compound 2j	S20
¹ H NMR spectrum of compound 2k	S21
¹ H NMR spectrum of compound 2l	S22
¹ H NMR spectrum of compound 2m	S23
¹ H NMR spectrum of compound 2n	S24
¹ H NMR spectrum of compound 2o	S25
¹³ C NMR spectrum of compound 2o	S26-S27



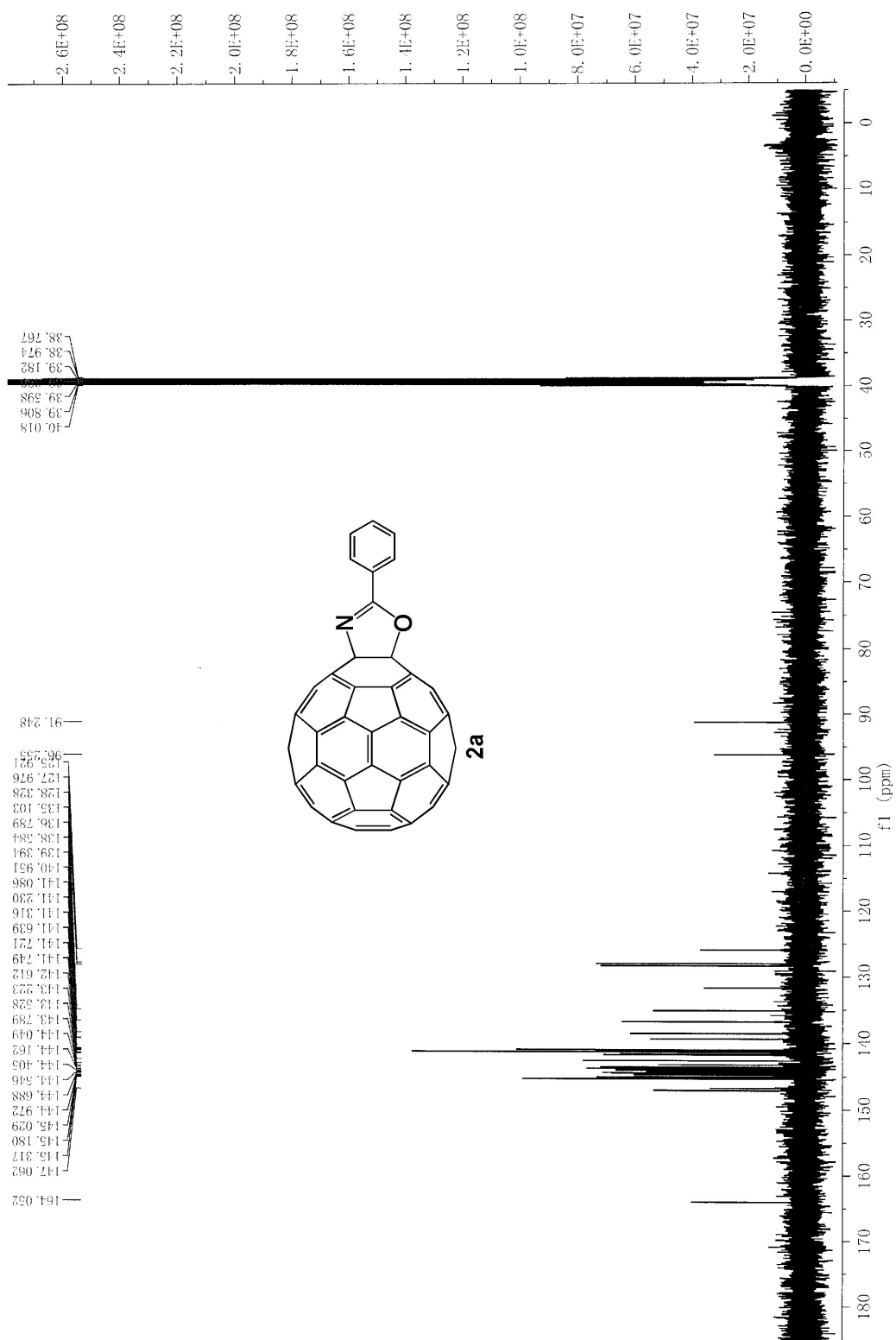


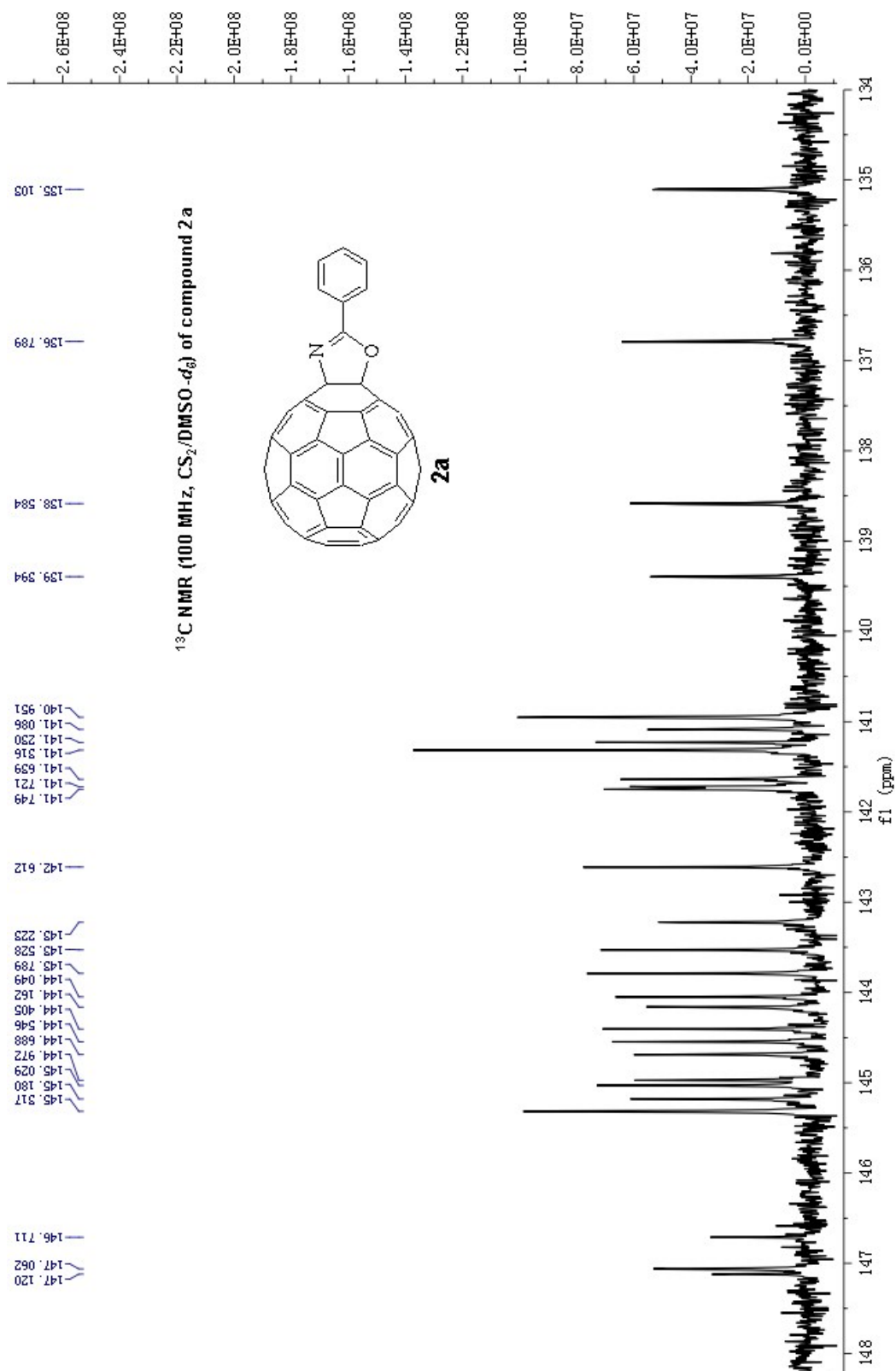


¹H NMR (400 MHz, CS₂/DMSO-d₆) of compound **2a**

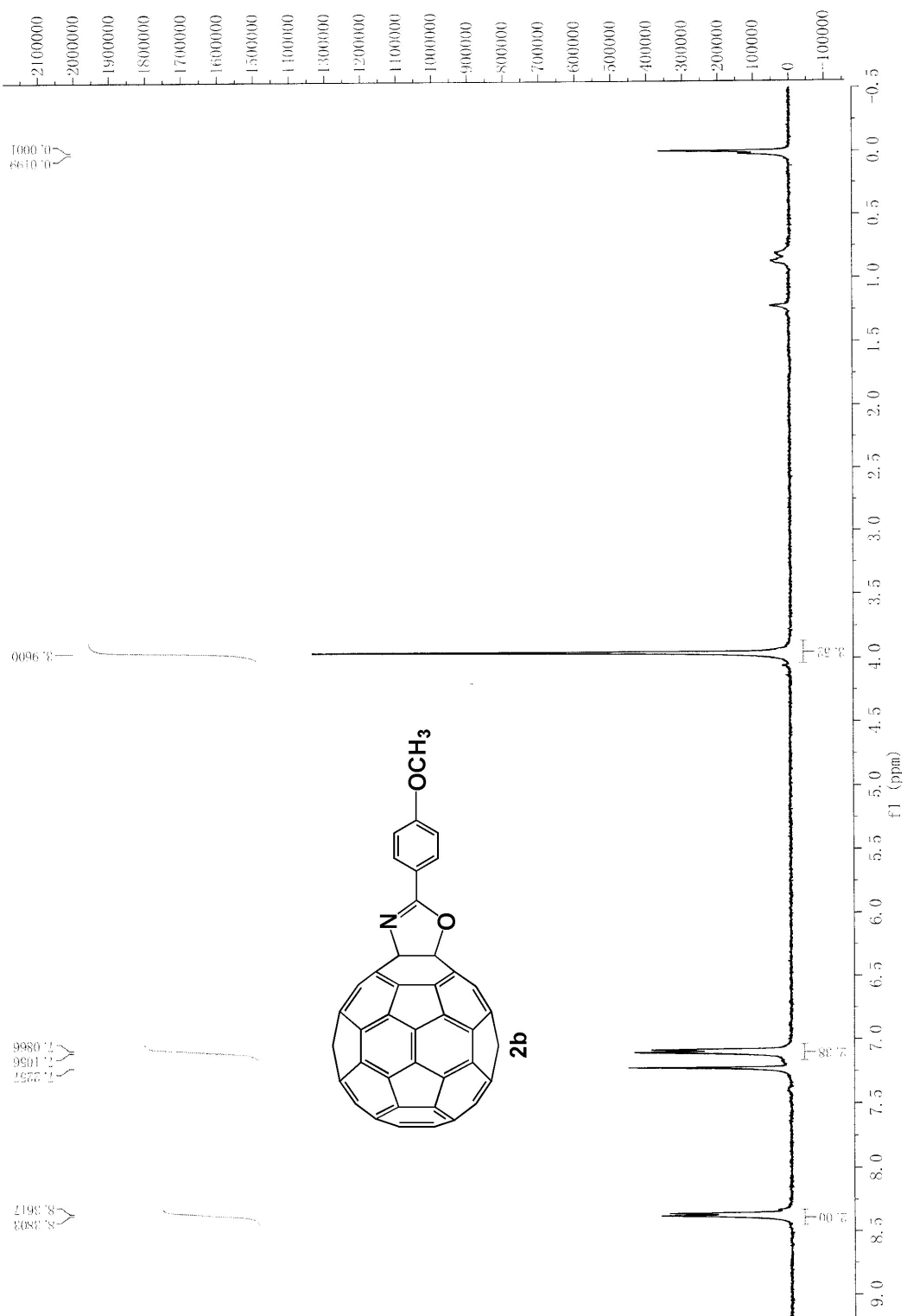


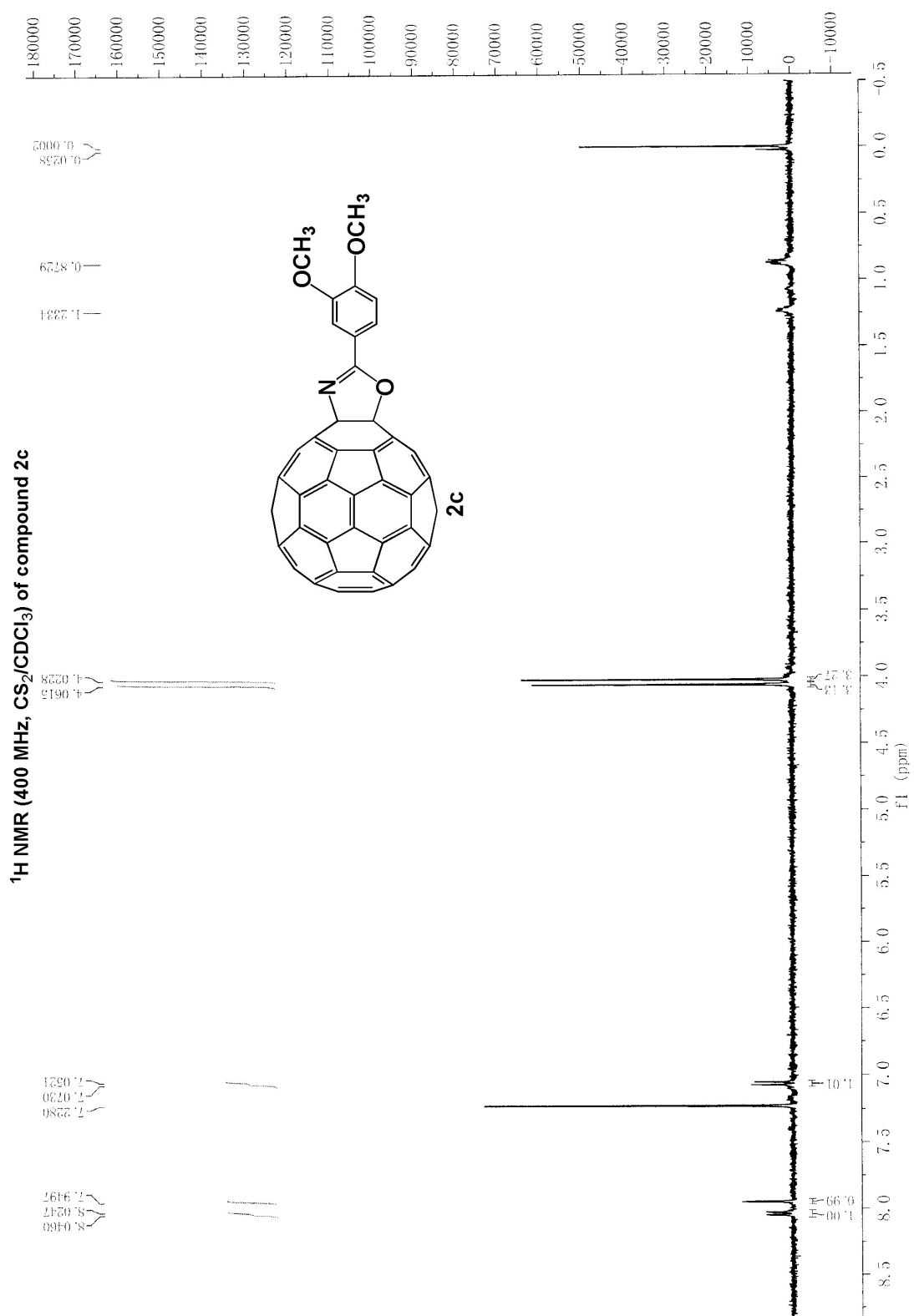
¹³C NMR (100 MHz, CS₂/DMSO-d₆) of compound 2a

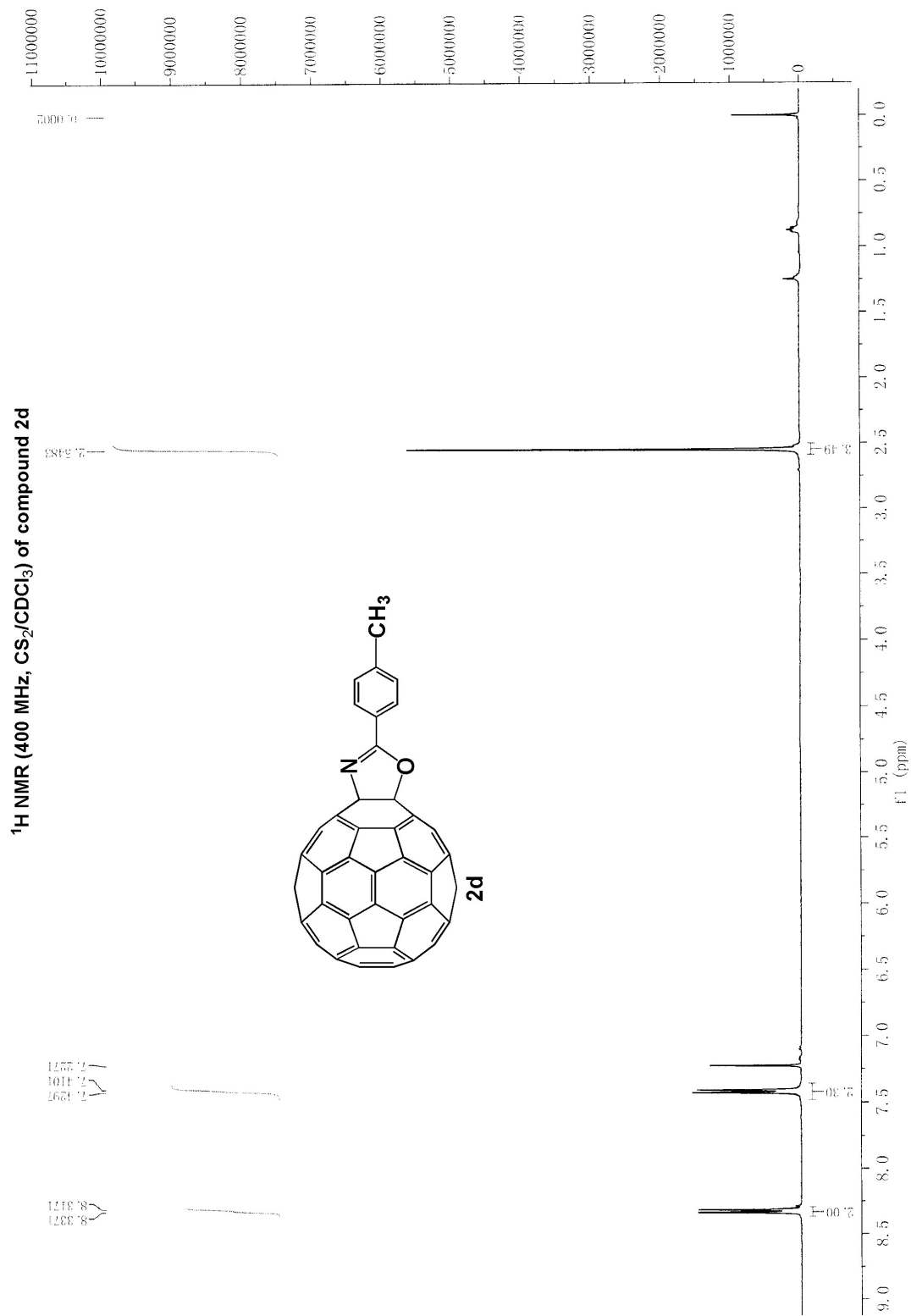




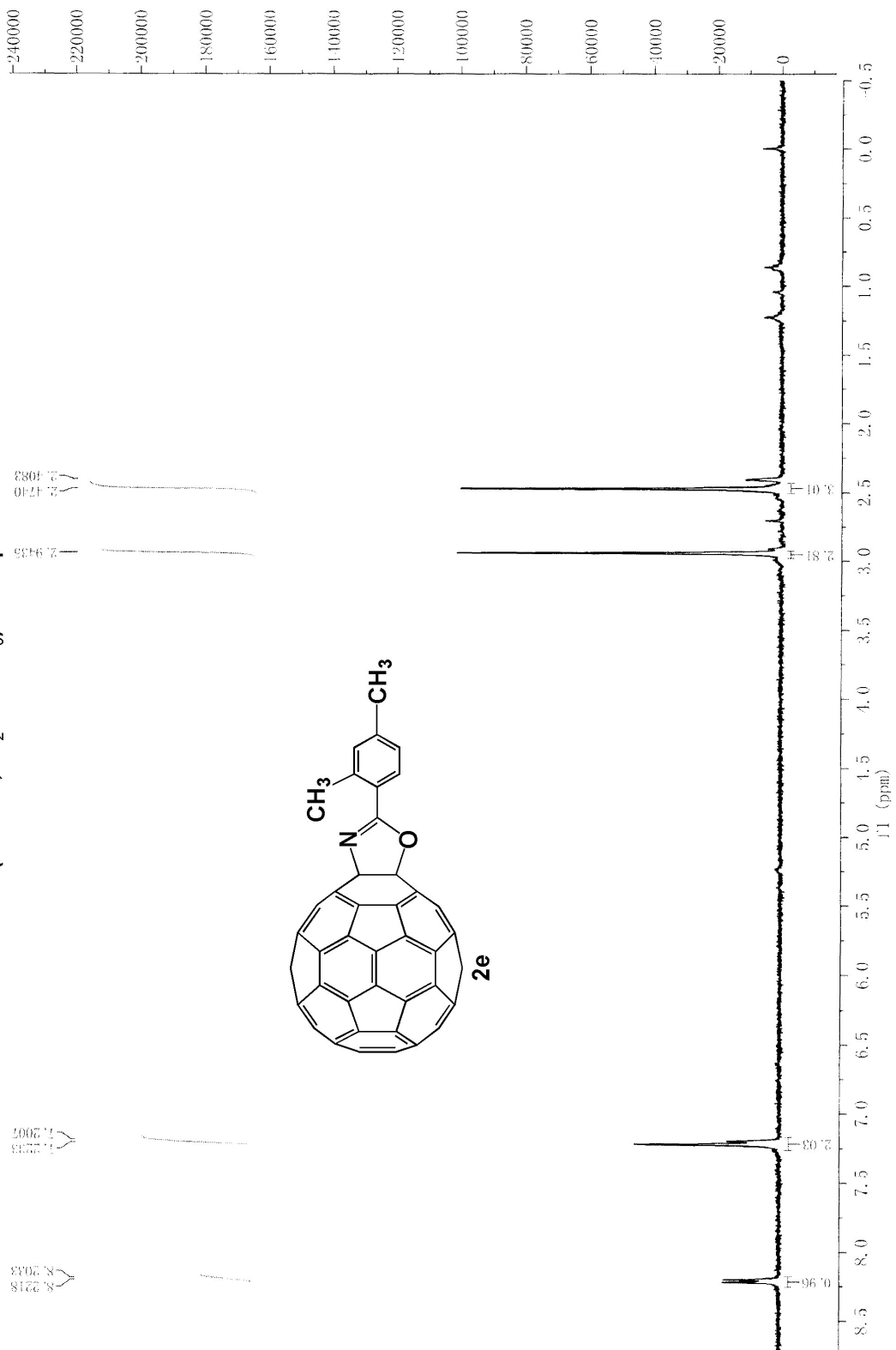
¹H NMR (400 MHz, CS₂/CDCl₃) of compound 2b



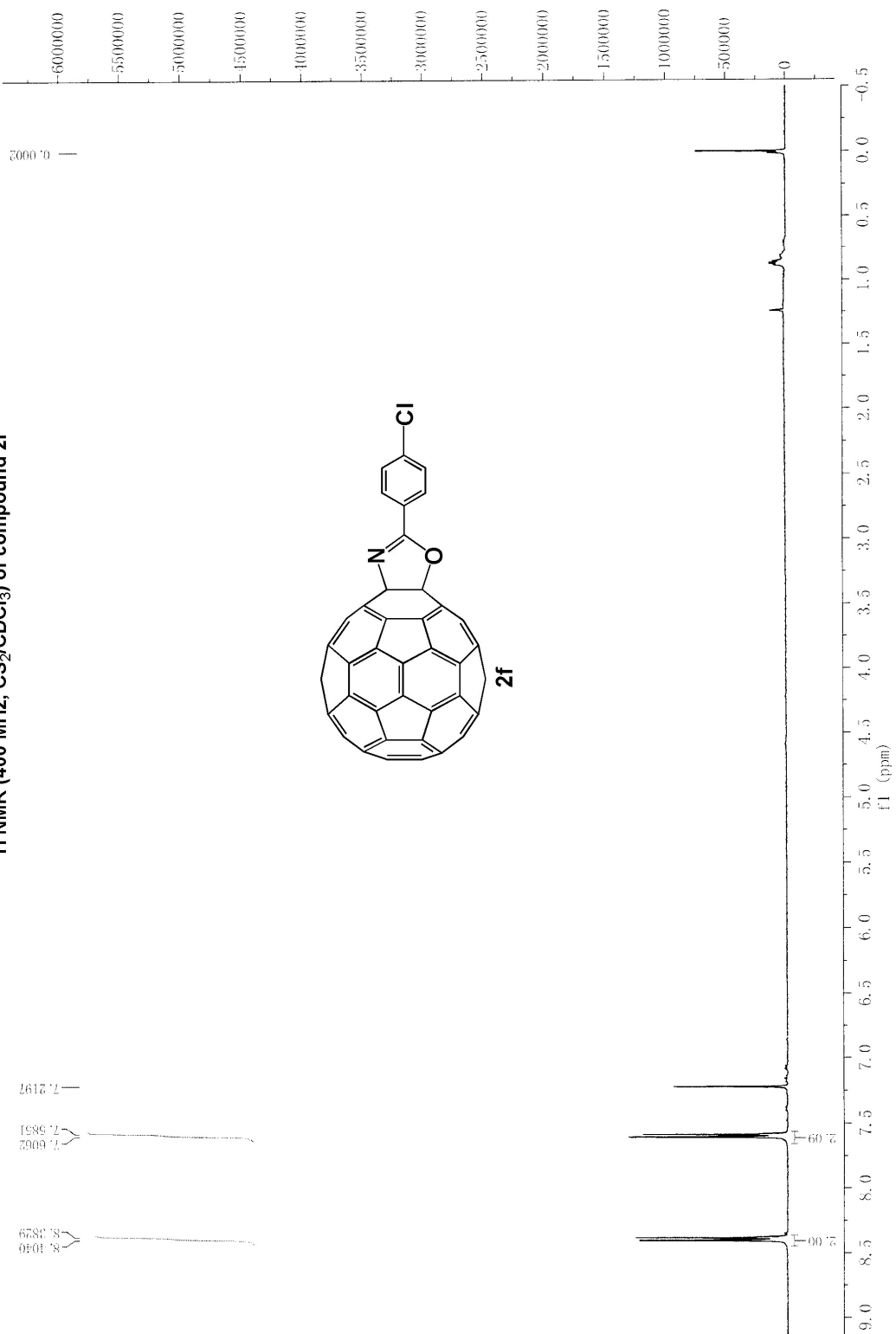




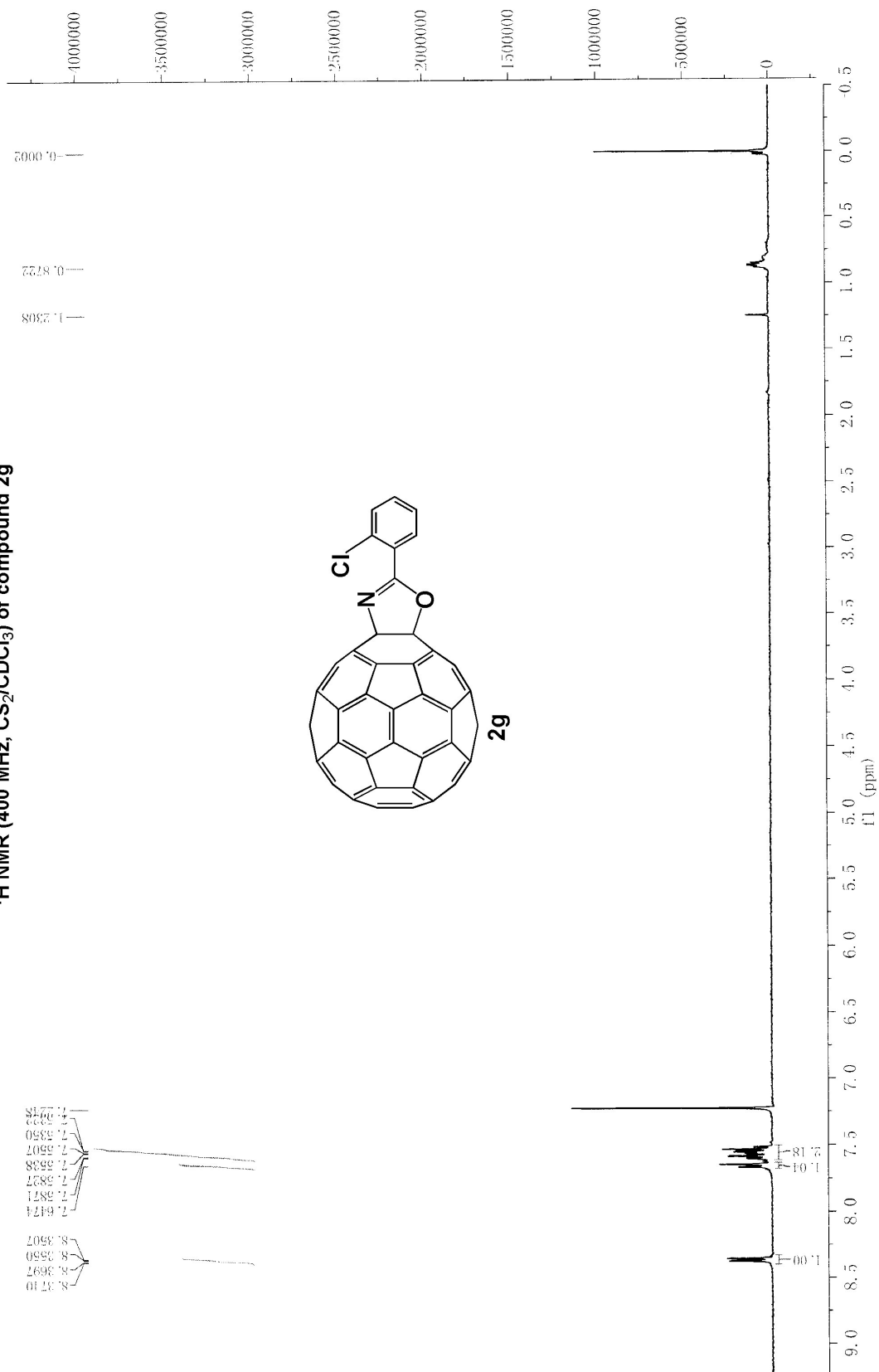
¹H NMR (400 MHz, CS₂/DMSO-d₆) of compound **2e**

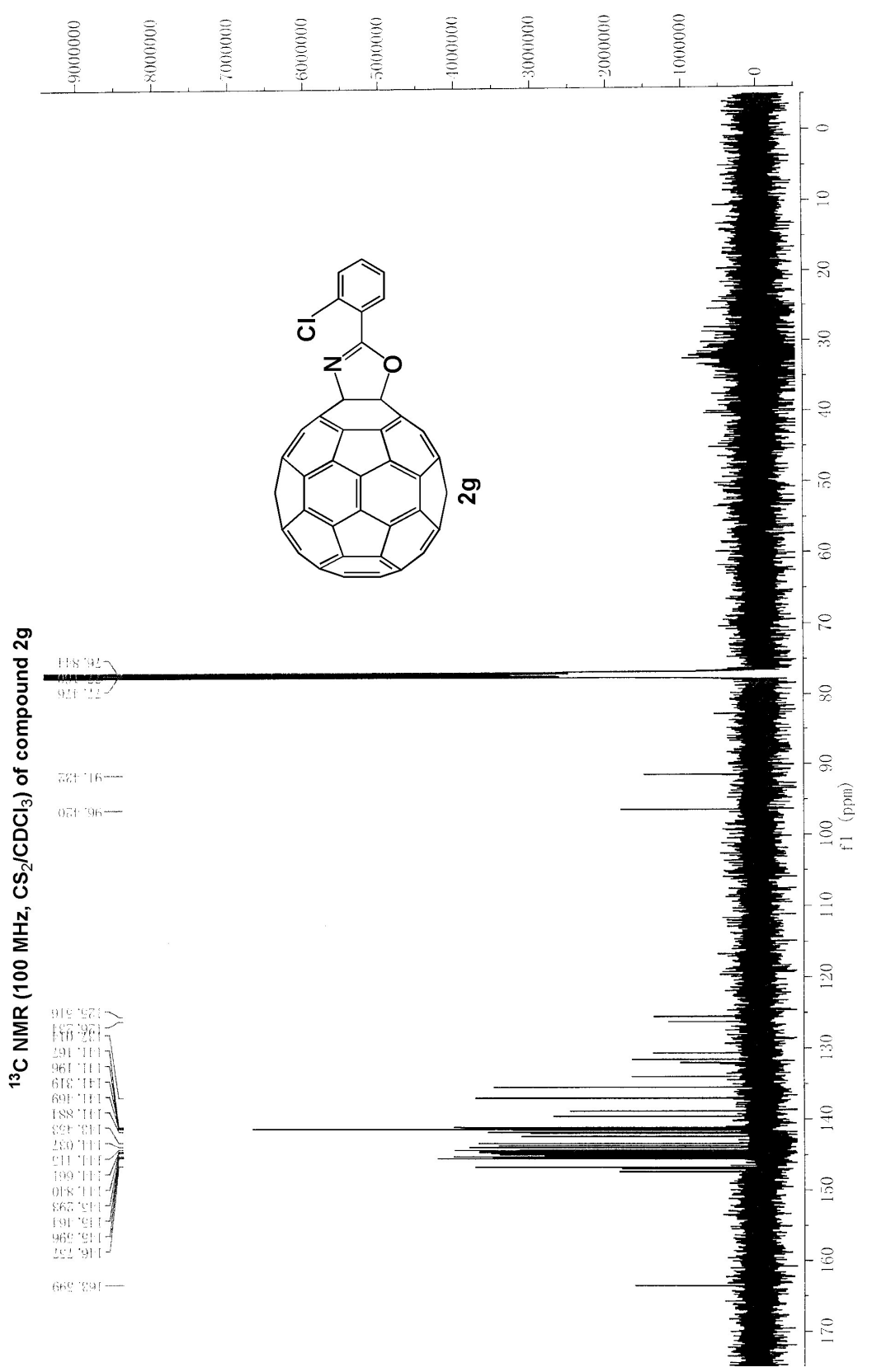


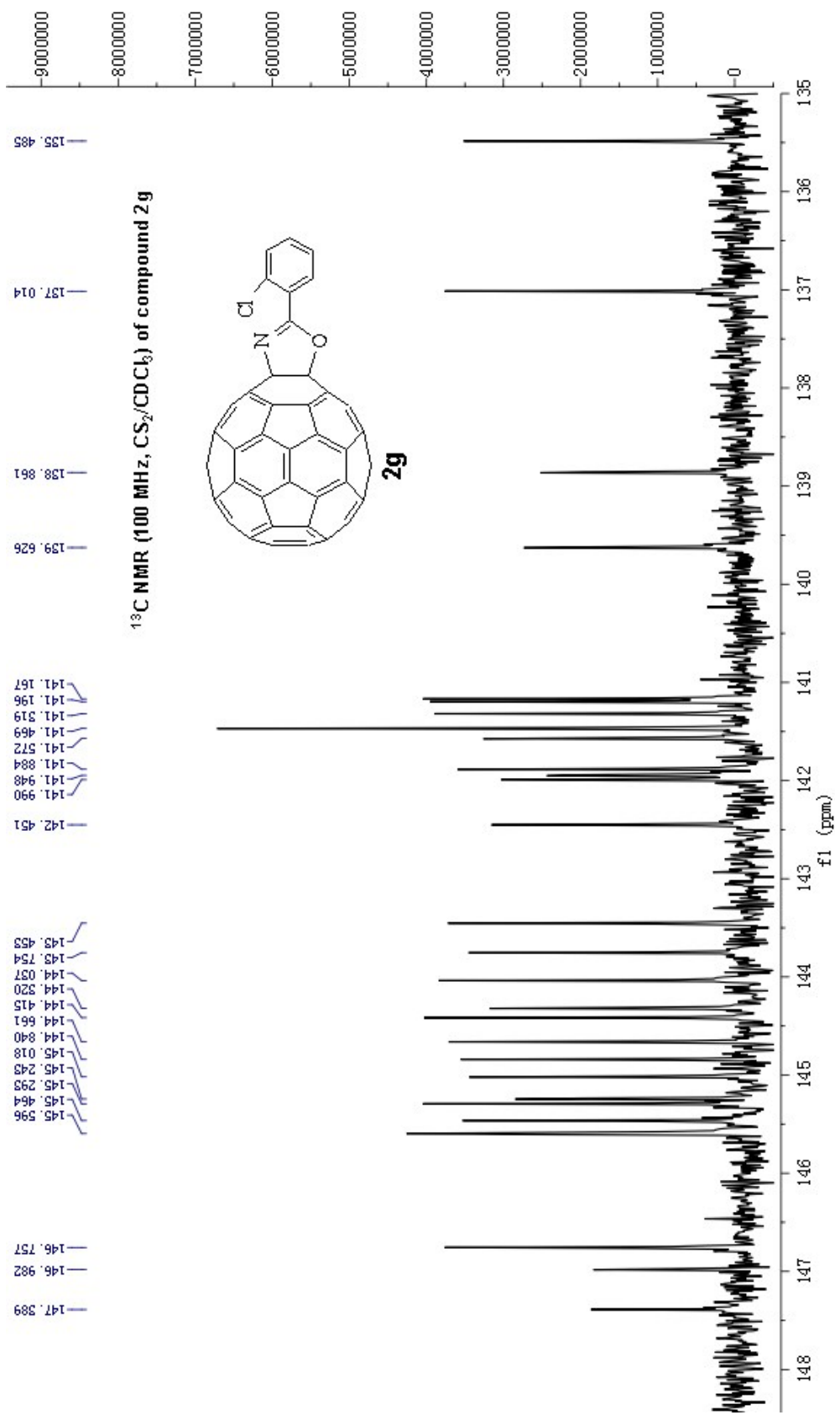
¹H NMR (400 MHz, CS₂/CDCl₃) of compound 2f



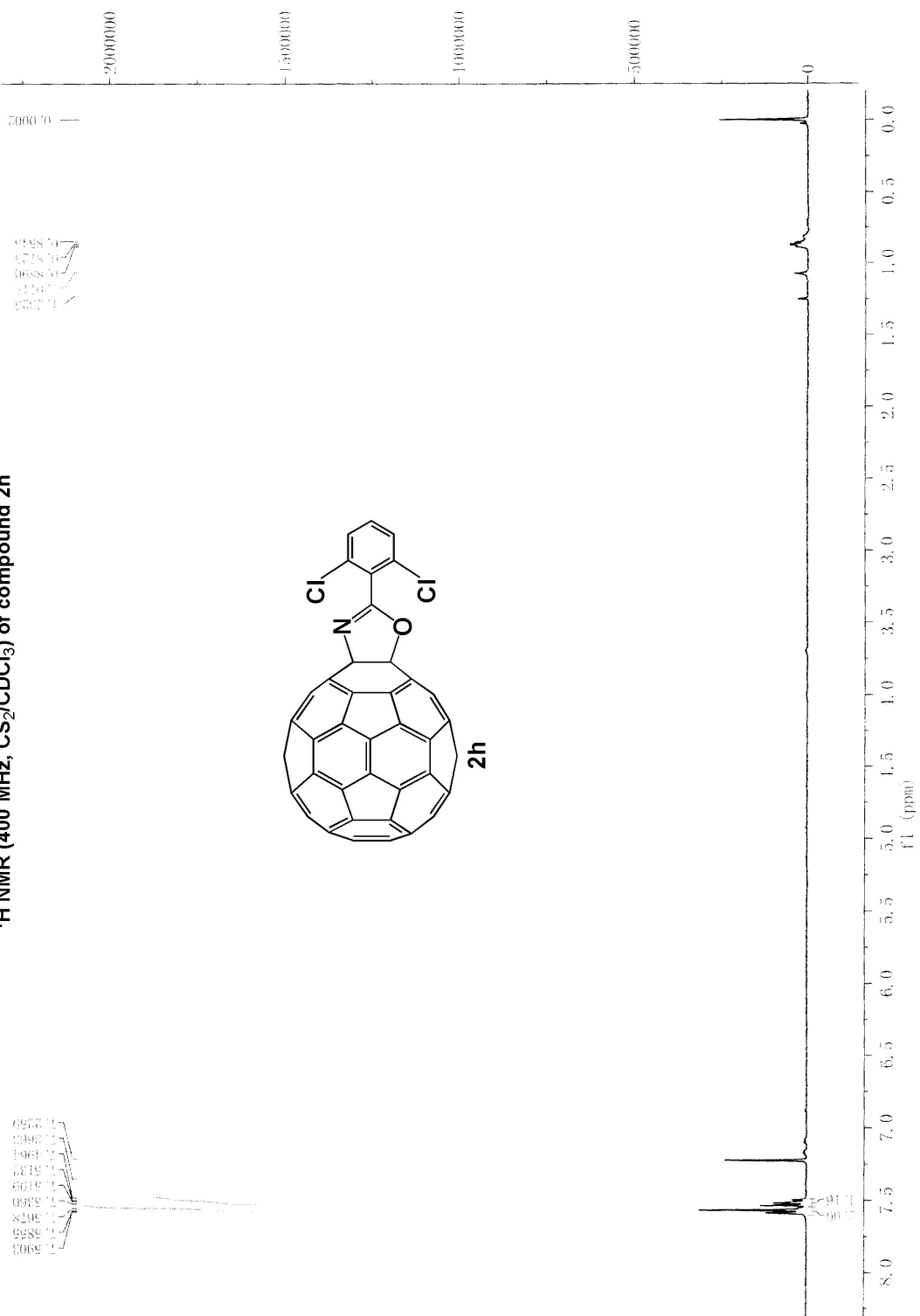
¹H NMR (400 MHz, CS₂/CDCl₃) of compound 2g



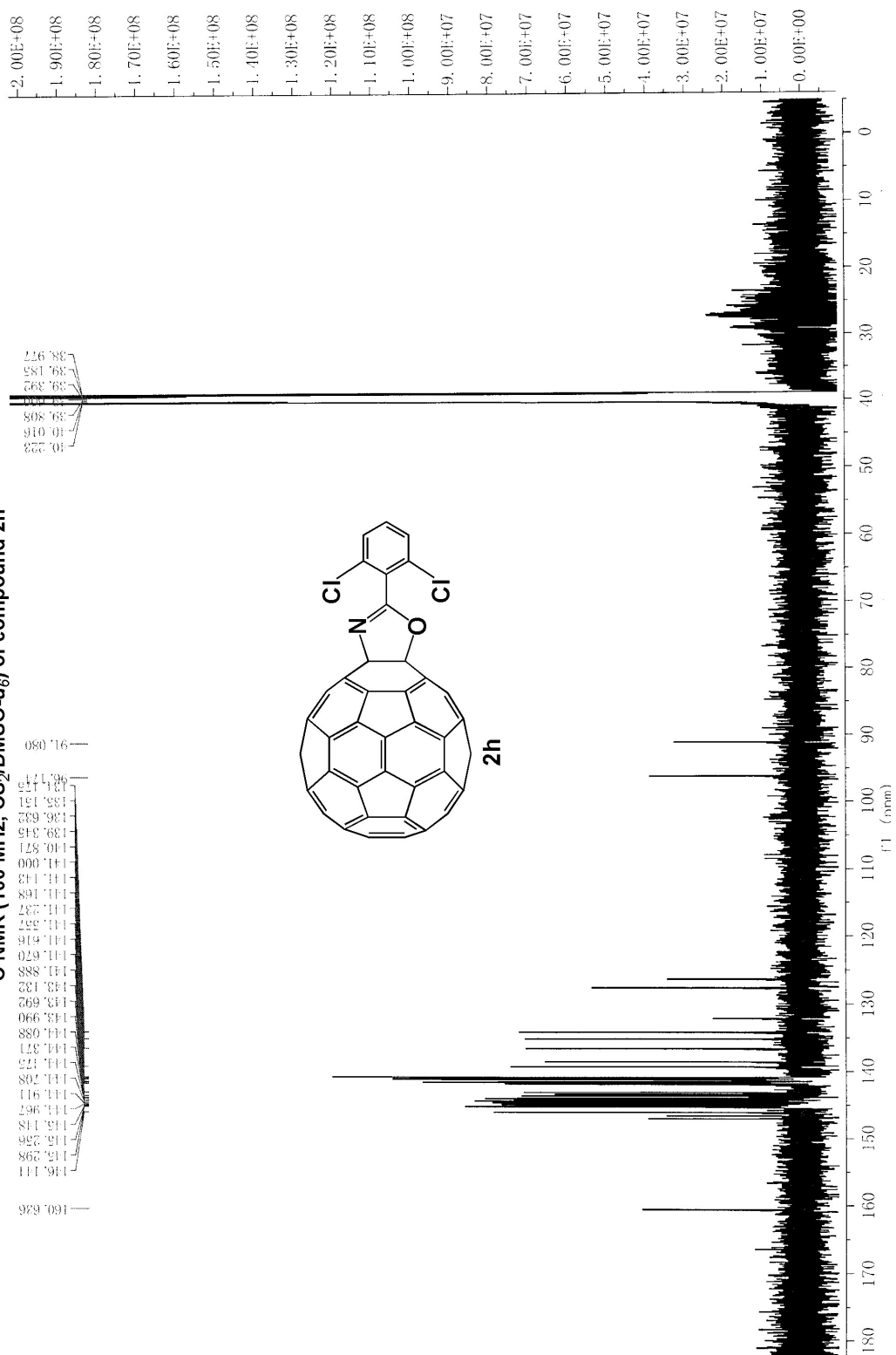


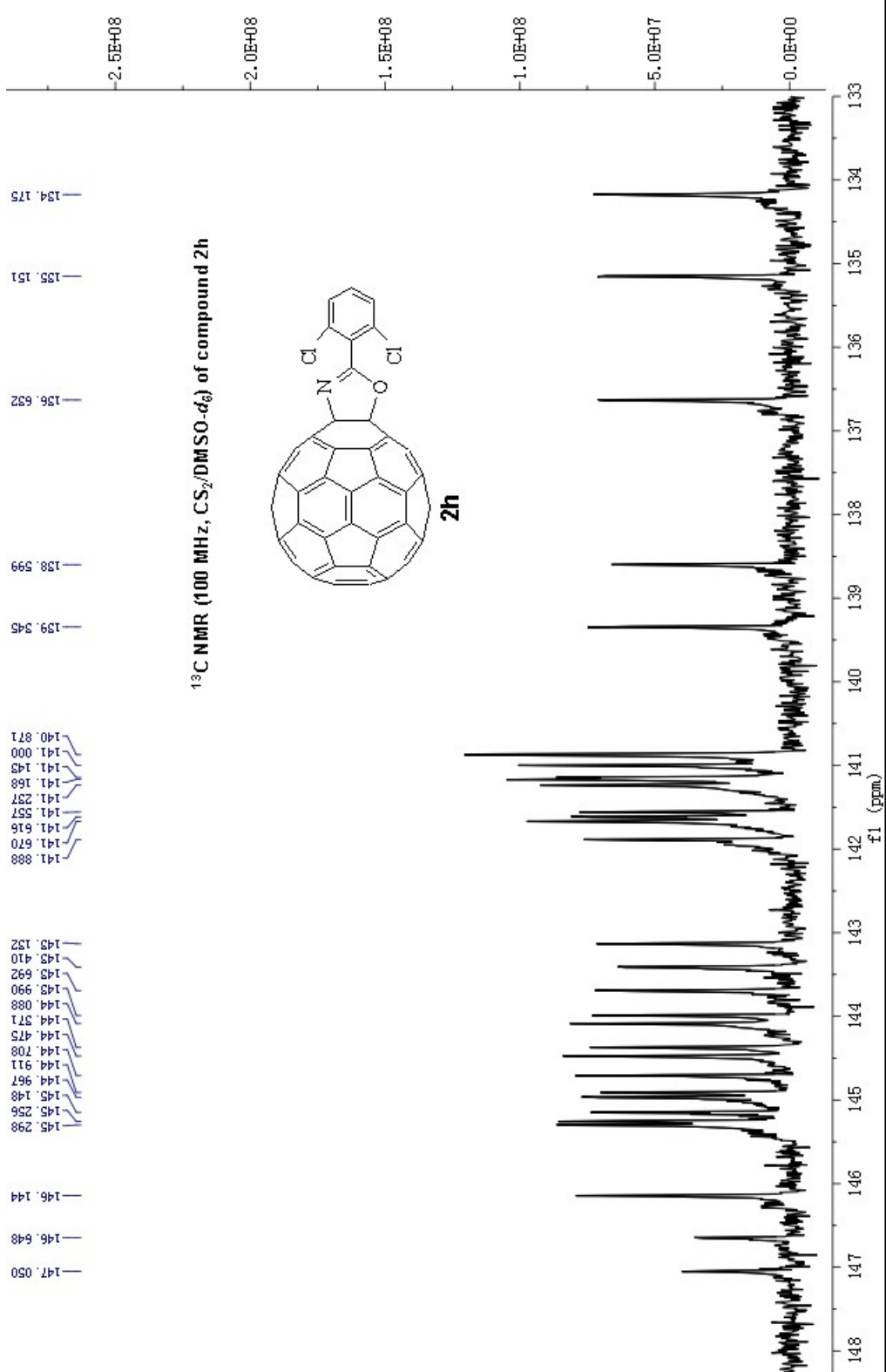


¹H NMR (400 MHz, CS₂/CDCl₃) of compound 2h

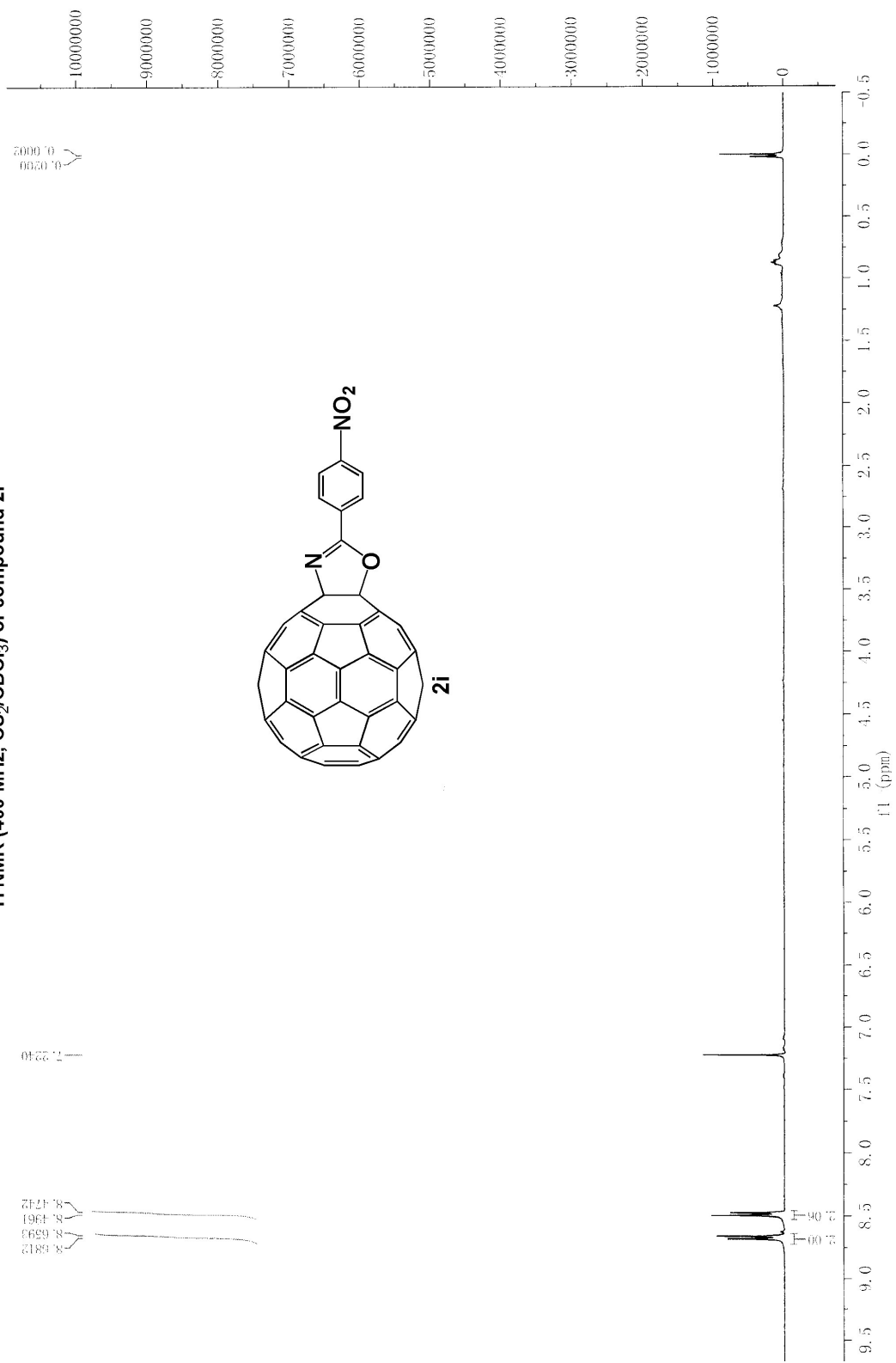


¹³C NMR (100 MHz, CS₂/DMSO-d₆) of compound 2h

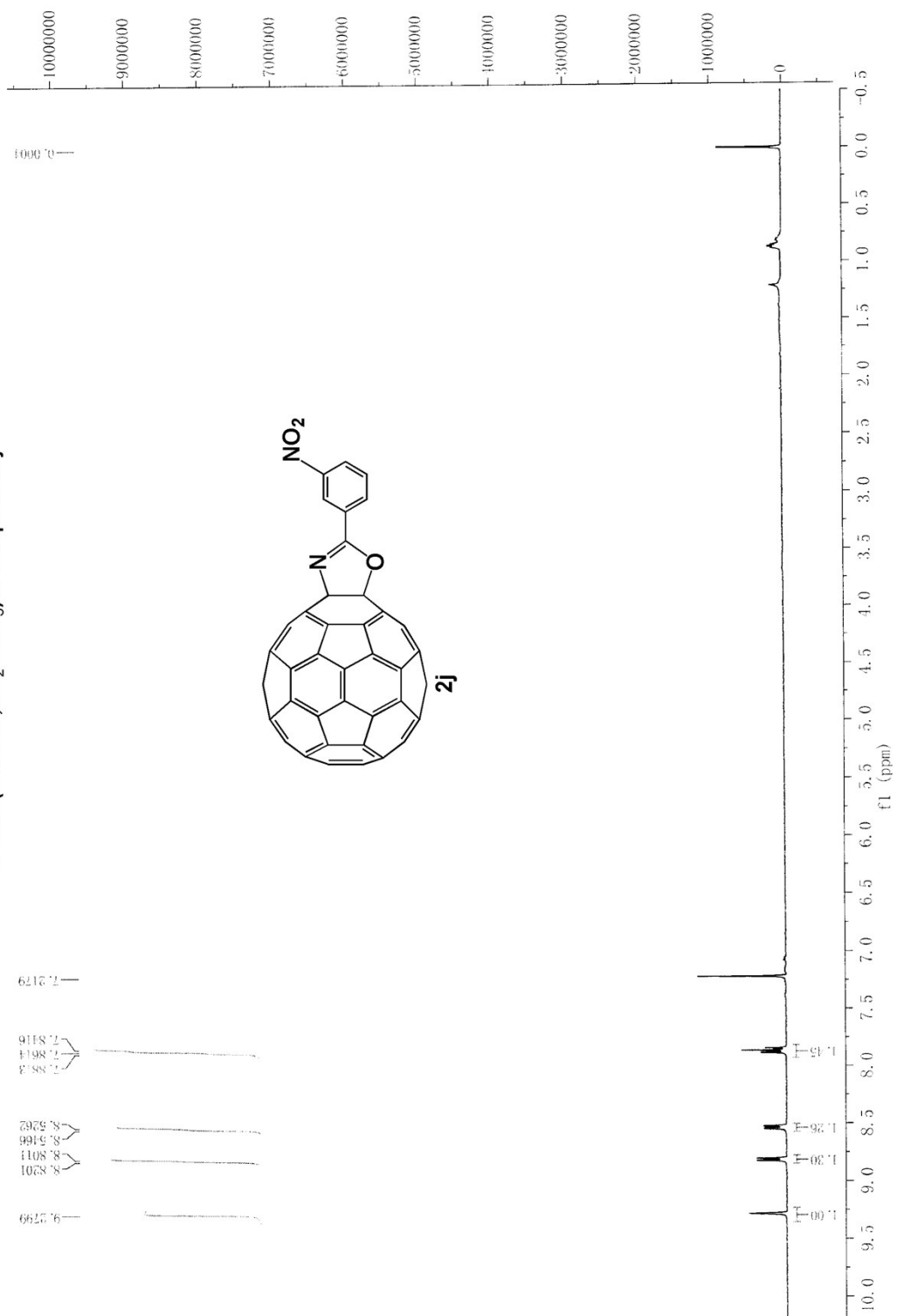




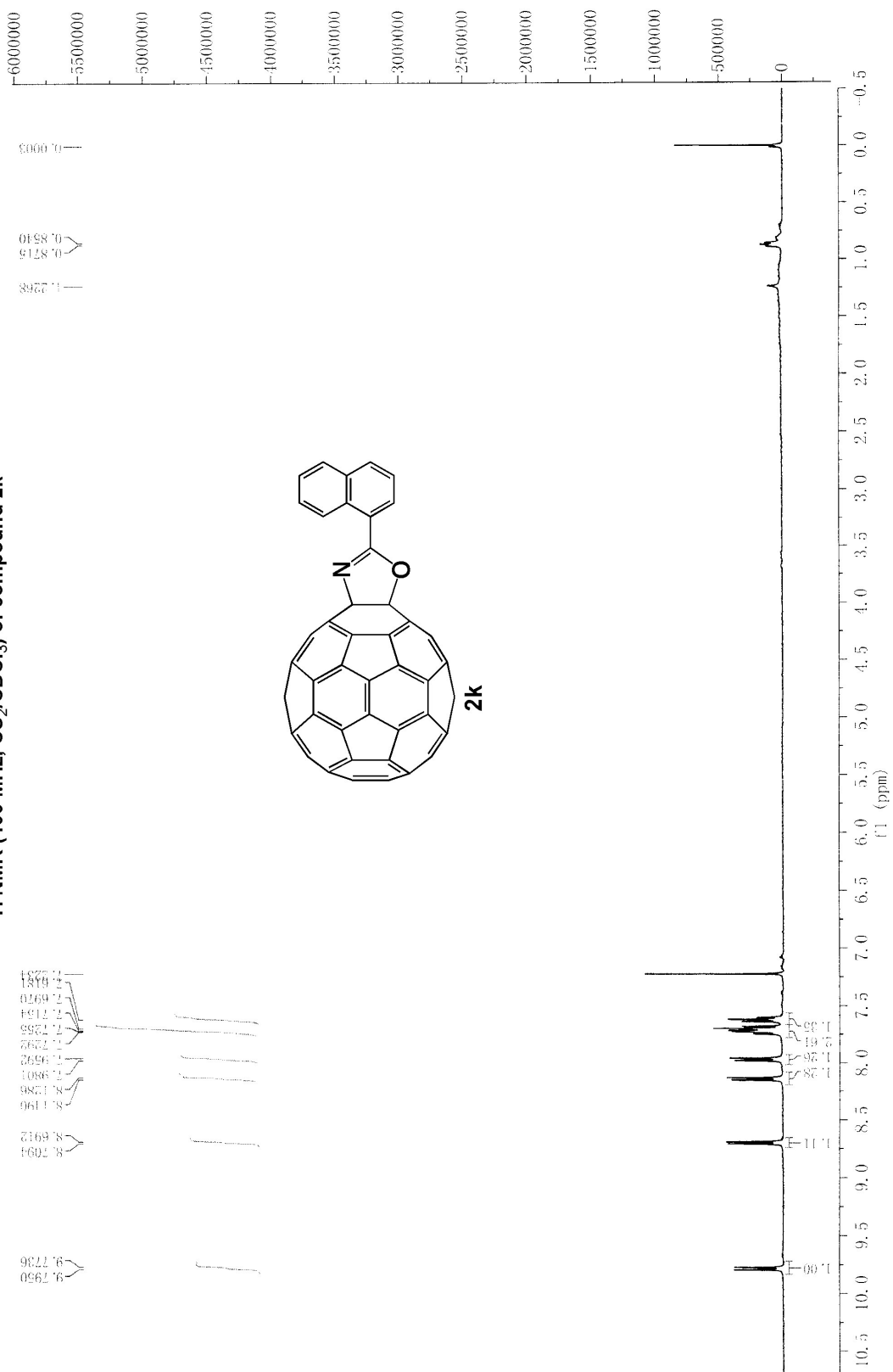
¹H NMR (400 MHz, CS₂/CDCl₃) of compound 2i



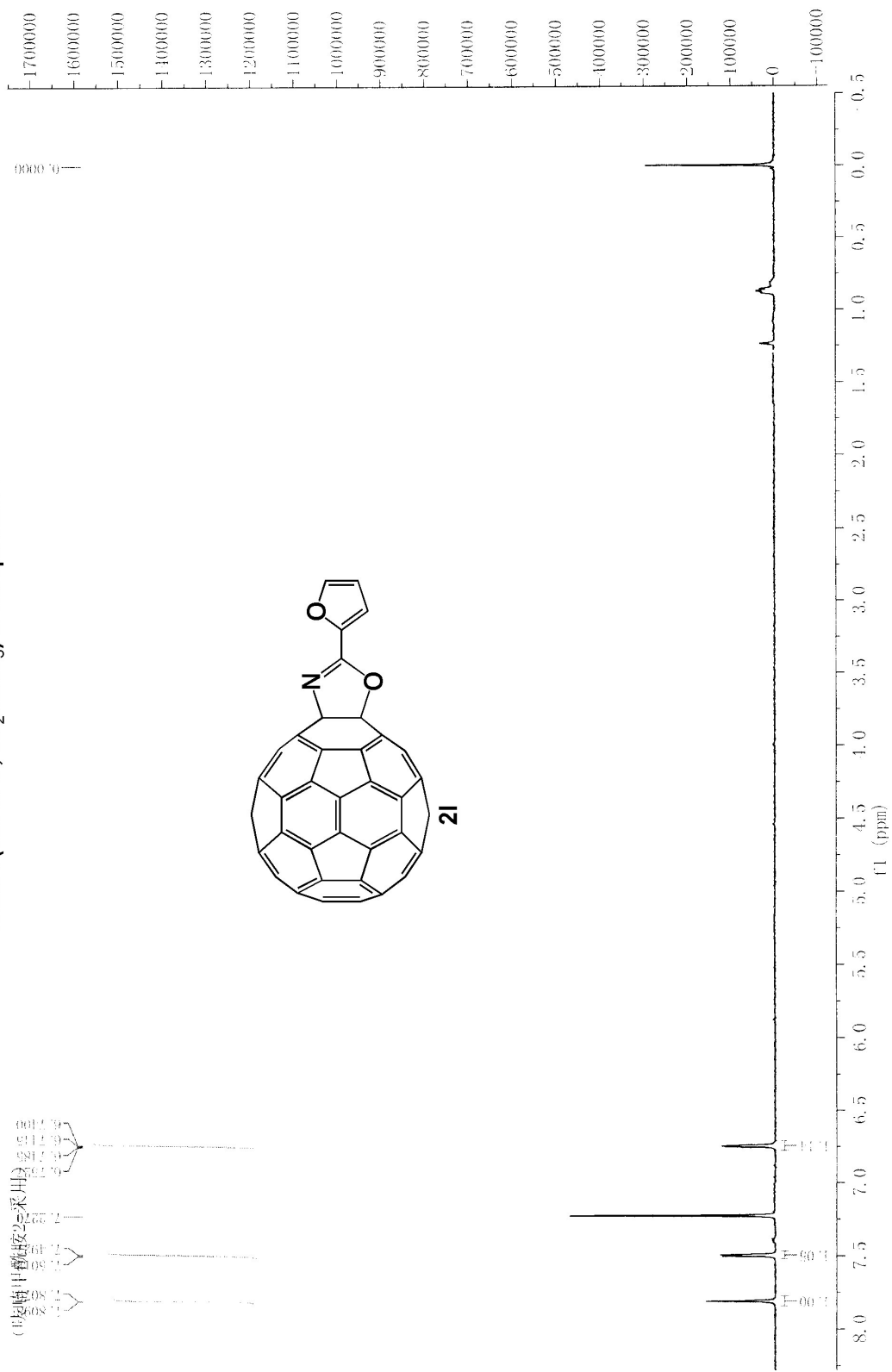
¹H NMR (400 MHz, CS₂/CDCl₃) of compound 2j



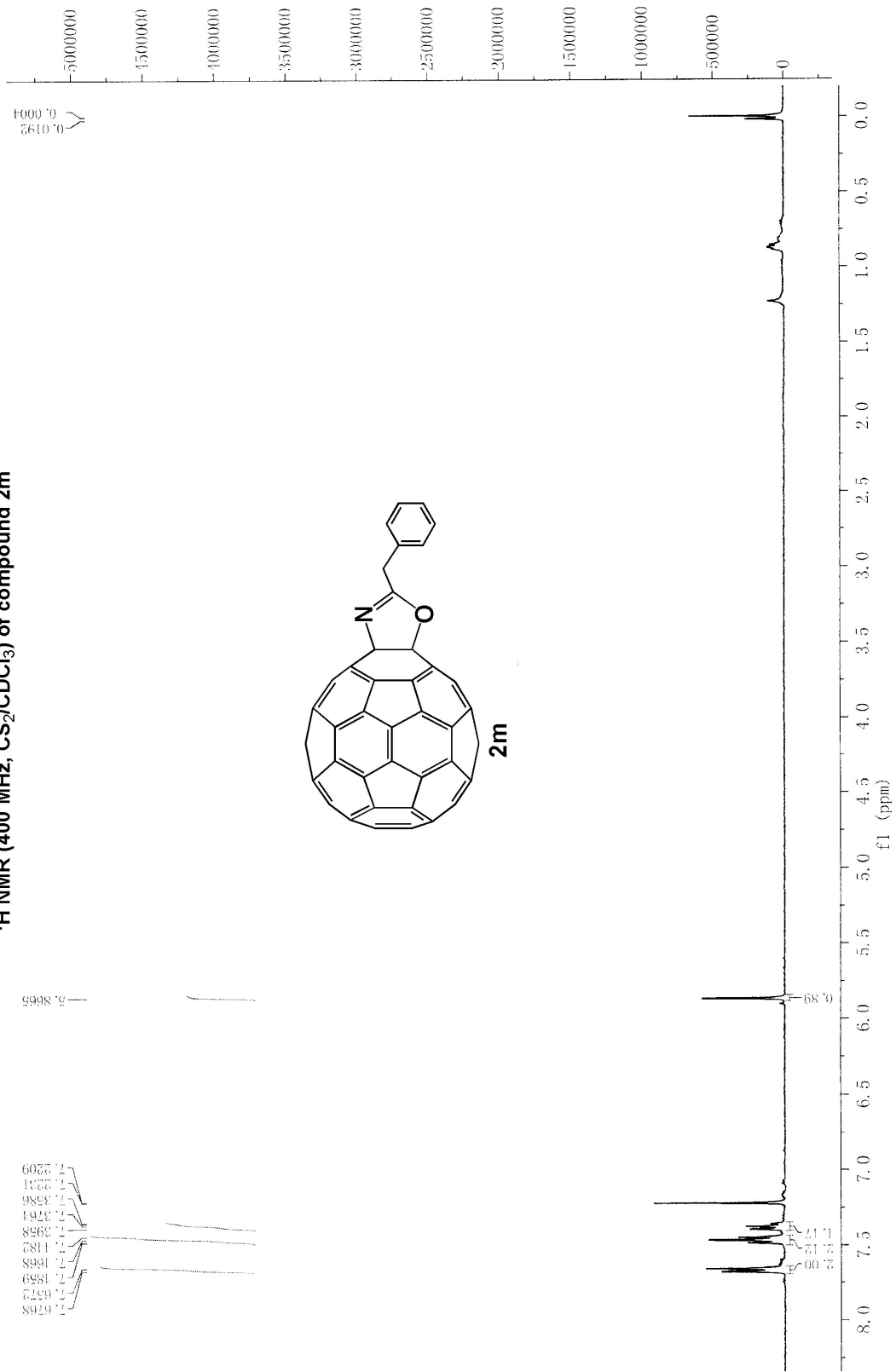
¹H NMR (400 MHz, CS₂/CDCl₃) of compound 2k

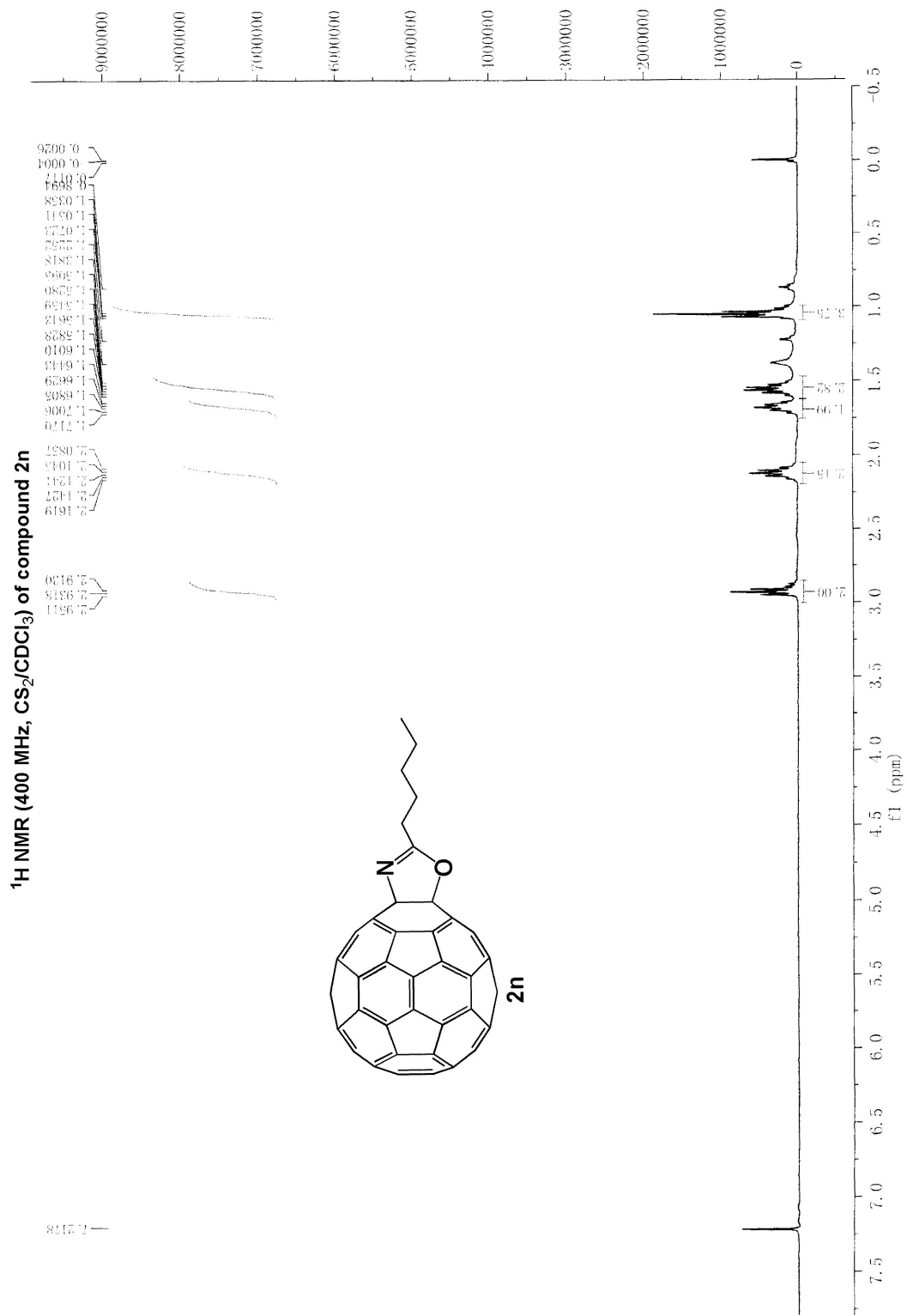


¹H NMR (400 MHz, CS₂/CDCl₃) of compound 21

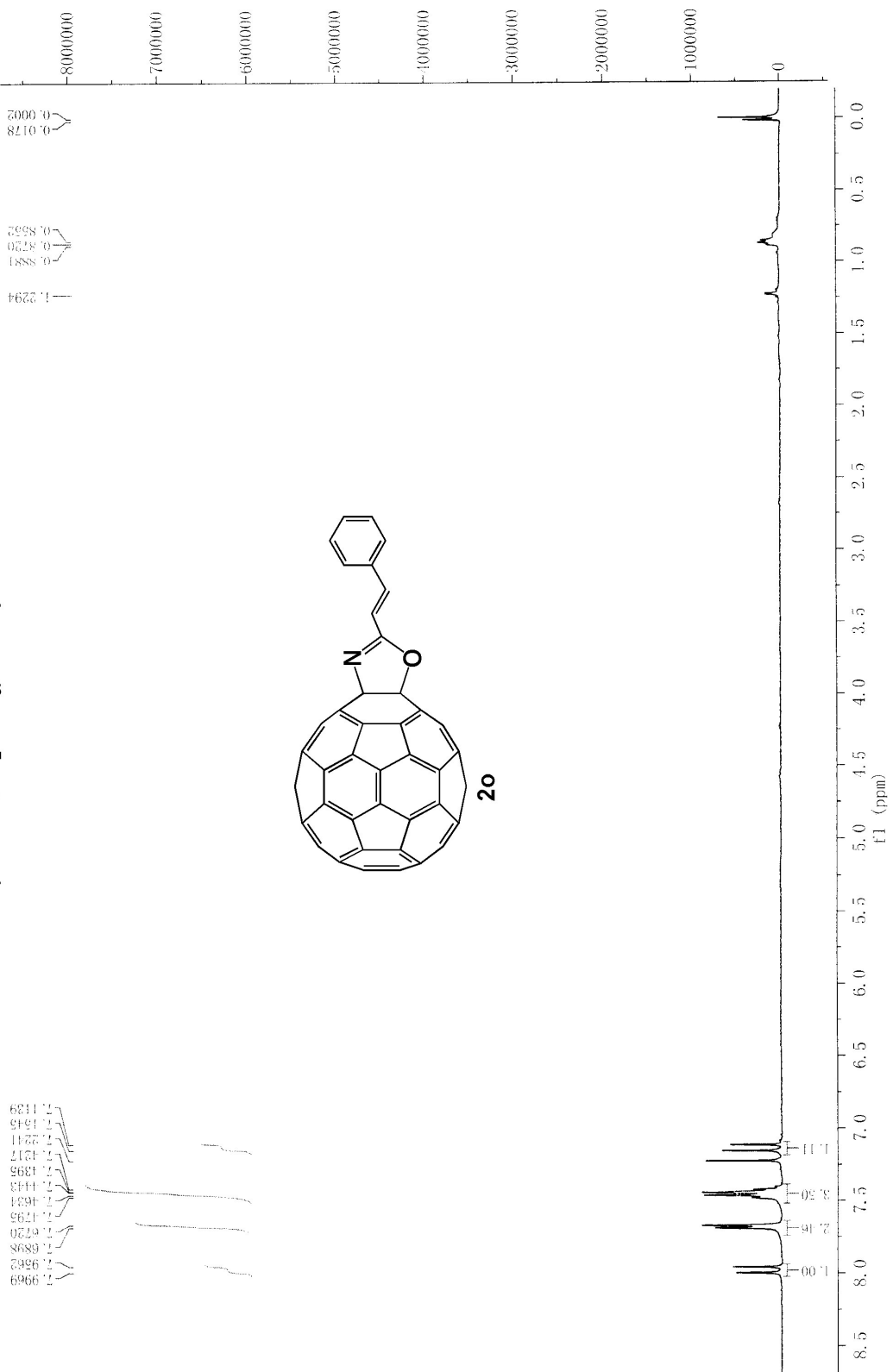


¹H NMR (400 MHz, CS₂/CDCl₃) of compound 2m





¹H NMR (400 MHz, CS₂(CDCl₃) of compound 2o



¹³C NMR (100 MHz, CS₂/CDCl₃) of compound 2o

