

Supporting Information

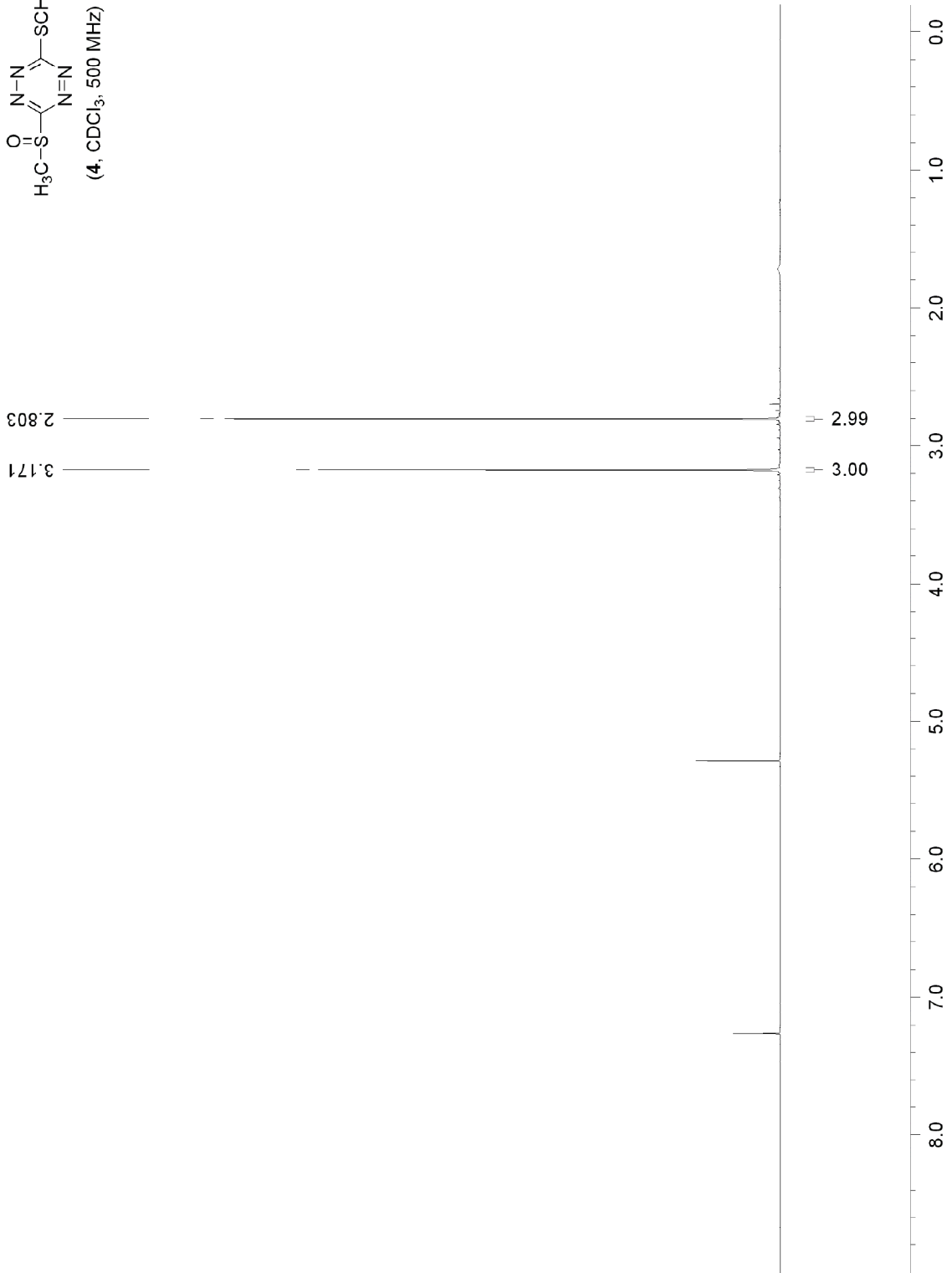
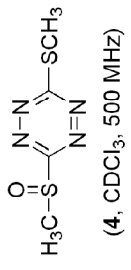
Two Novel 1,2,4,5-Tetrazines that Participate in Inverse Electron Demand Diels–Alder Reactions with an Unexpected Regioselectivity

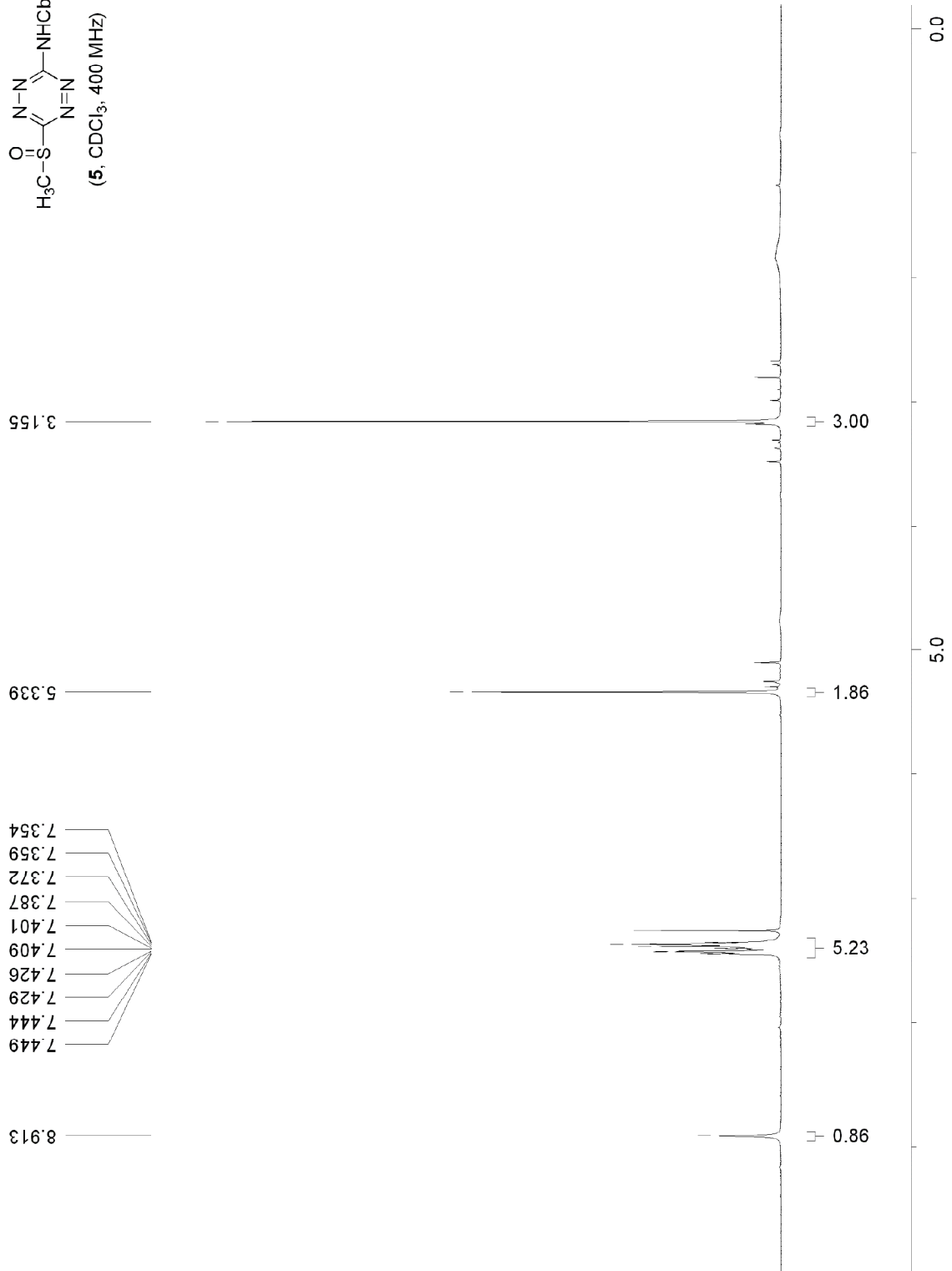
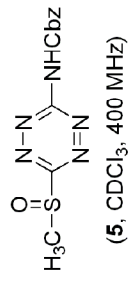
Akiyuki Hamasaki, Richard Ducray and Dale L. Boger*

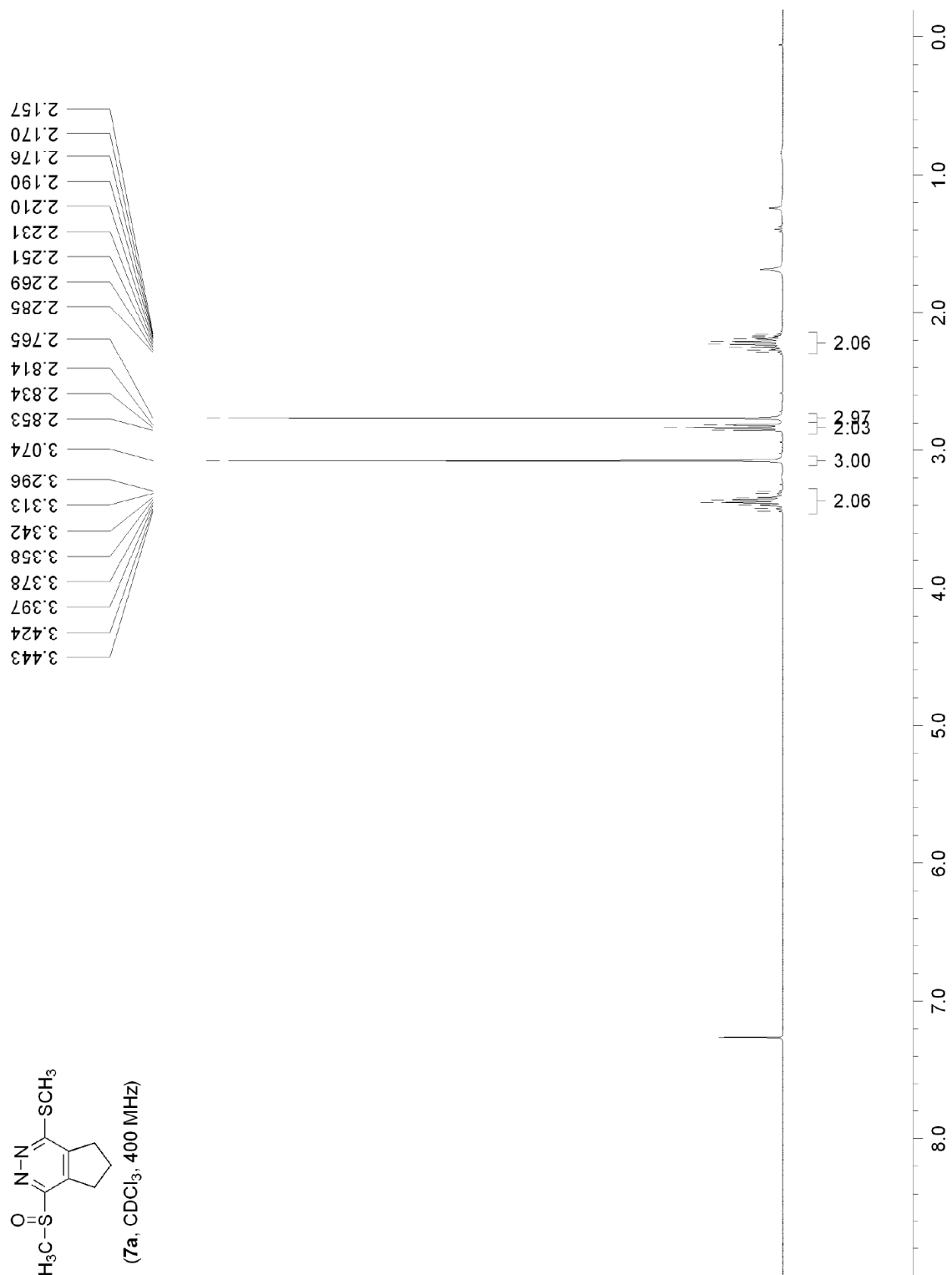
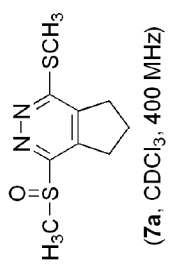
*Department of Chemistry and The Skaggs Institute for Chemical Biology,
The Scripps Research Institute, 10550 North Torrey Pines Road, La Jolla, CA 92037*

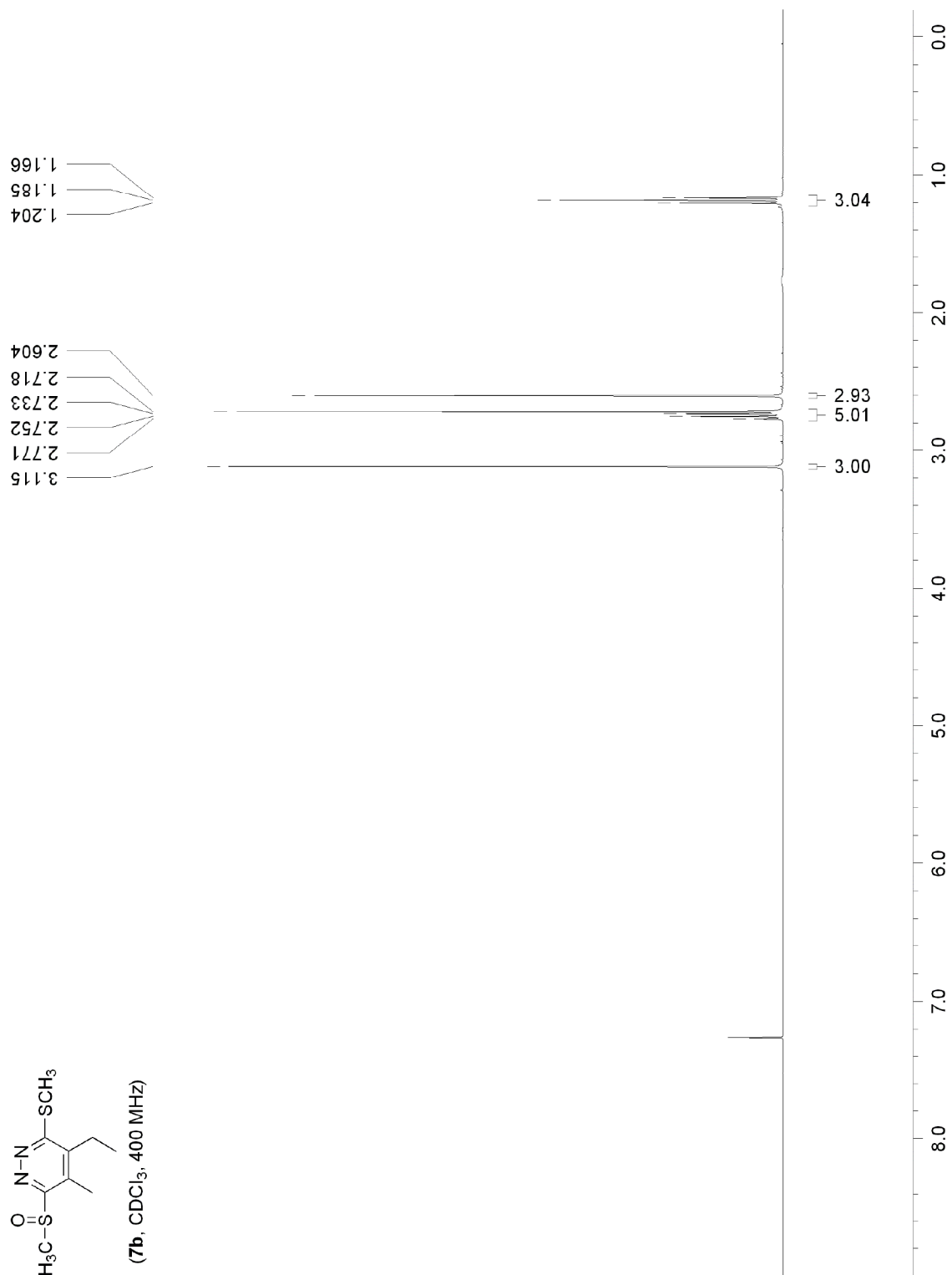
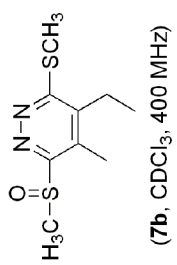
¹ H NMR of 4	S3
¹ H NMR of 5	S4
¹ H NMR of 7a	S4
¹ H NMR of 7b	S6
¹ H NMR of 7c	S7
¹ H NMR of 7d	S8
¹ H NMR of 7e	S9
¹ H NMR of 7f	S10
¹ H NMR of 7g	S11
¹ H NMR of 7h	S12
¹ H NMR of 7i	S13
¹ H NMR of 7j	S14
¹ H NMR of 7k	S15
¹ H NMR of 7l	S16
¹ H NMR of 9a	S17
¹ H NMR of 9b	S18
¹ H NMR of 9c	S19
¹ H NMR of 9d	S20
¹ H NMR of 9e	S21
¹ H NMR of 9f	S22

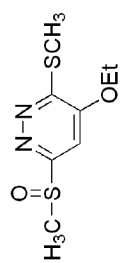
¹ H NMR of 9g	S23
¹ H NMR of 9h	S24
¹ H NMR of 9i	S25
¹ H NMR of 9j	S26
¹ H NMR of 10a	S27
¹ H NMR of 10b	S28
¹ H NMR of 10c	S29
¹ H NMR of 10d	S30



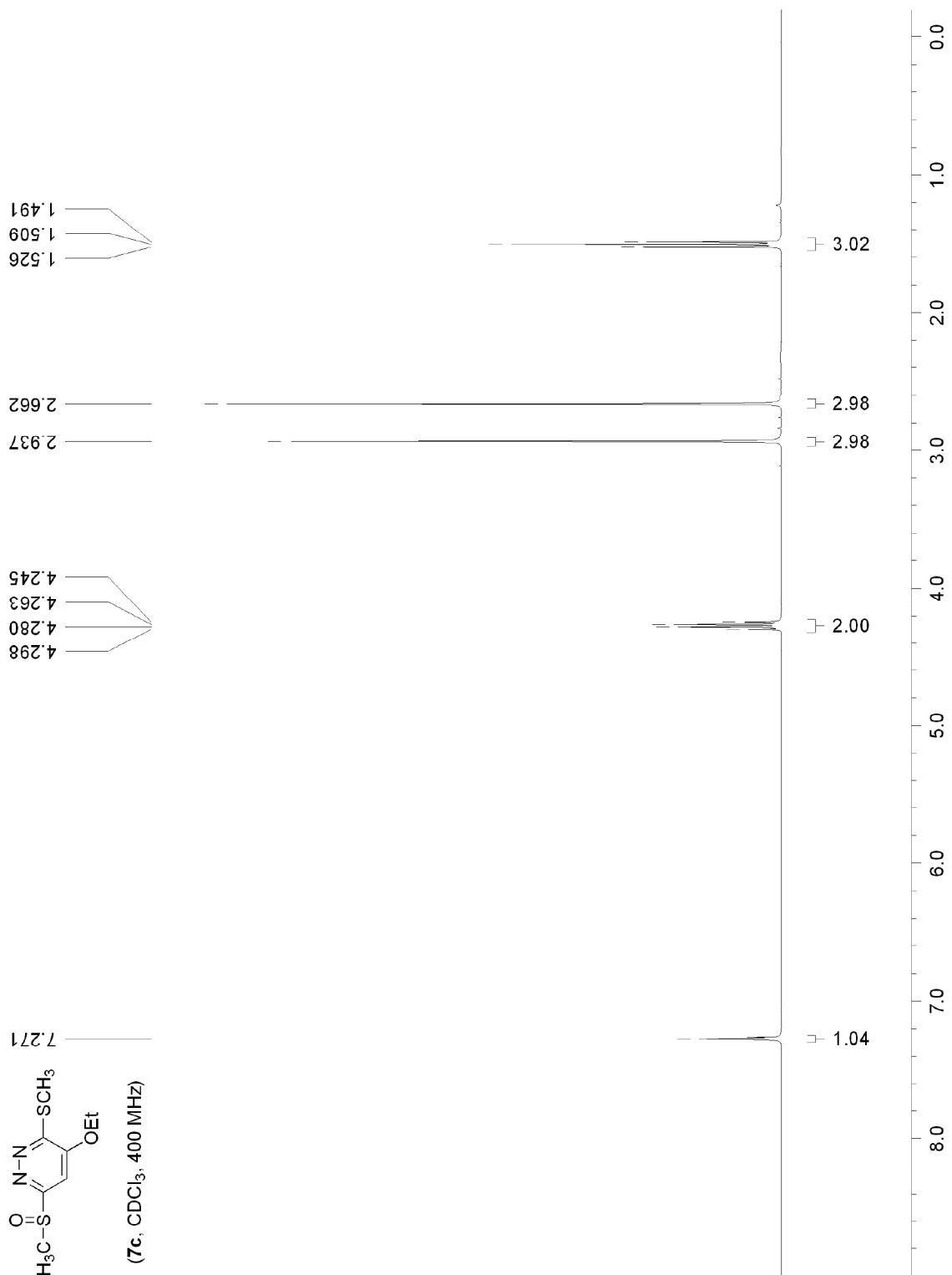


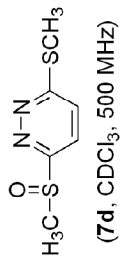






(7c, CDCl₃, 400 MHz)





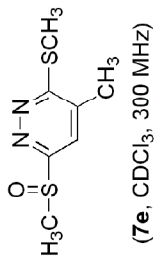
2.751
2.974

7.917
7.899
7.580
7.562

3.03
3.15

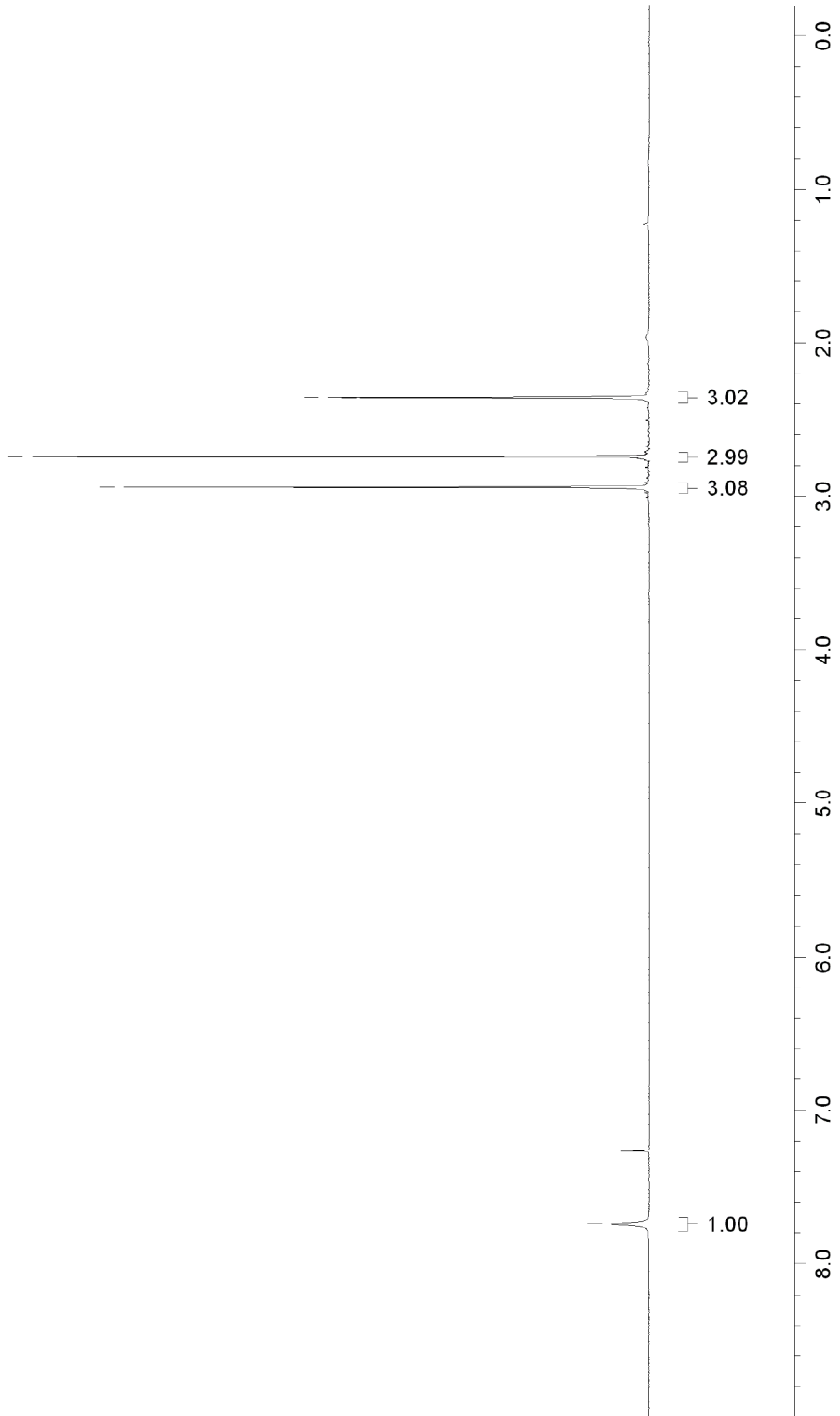
1.01
1.00

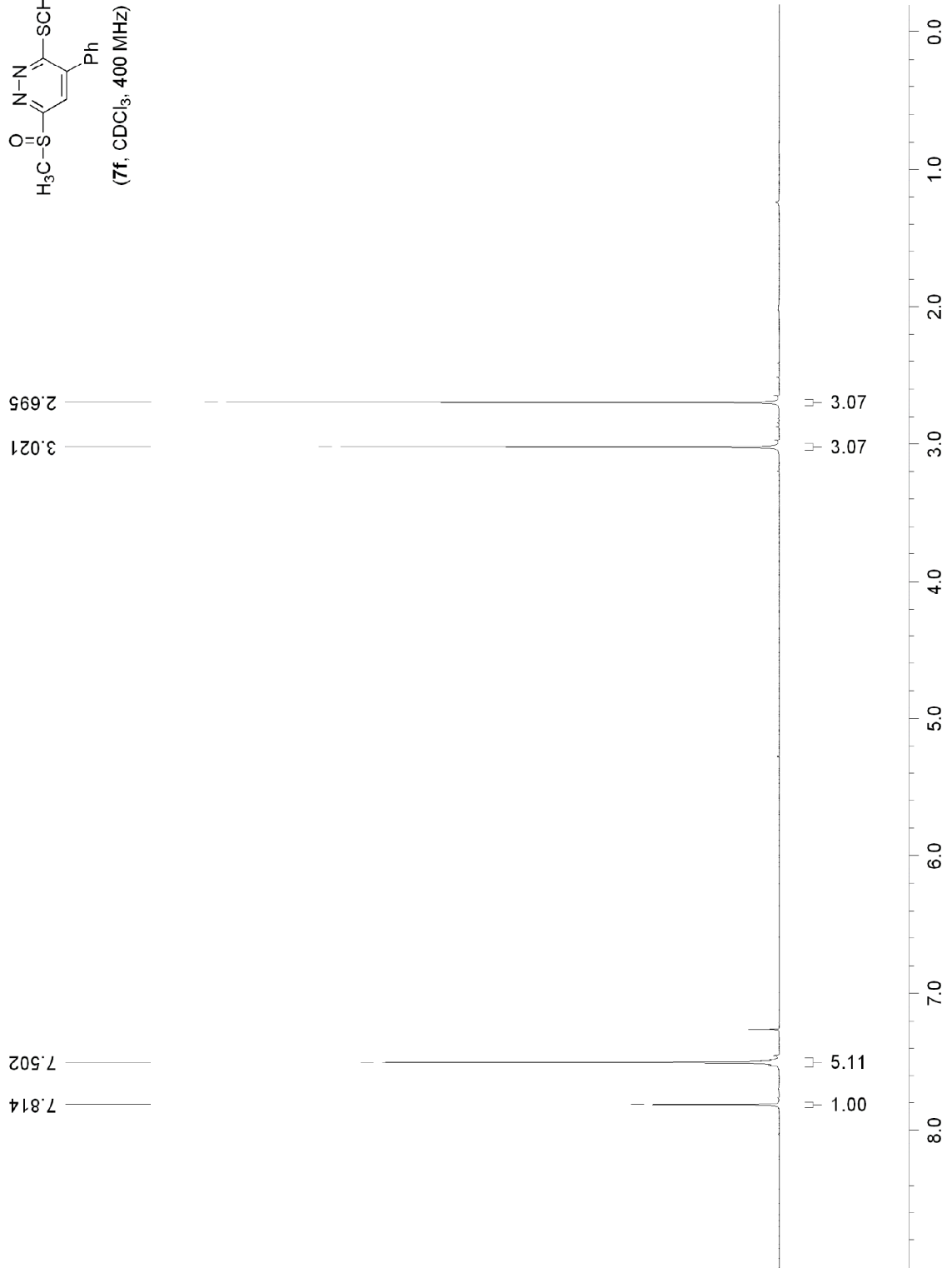
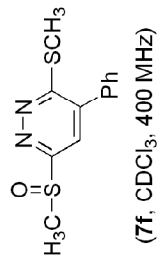


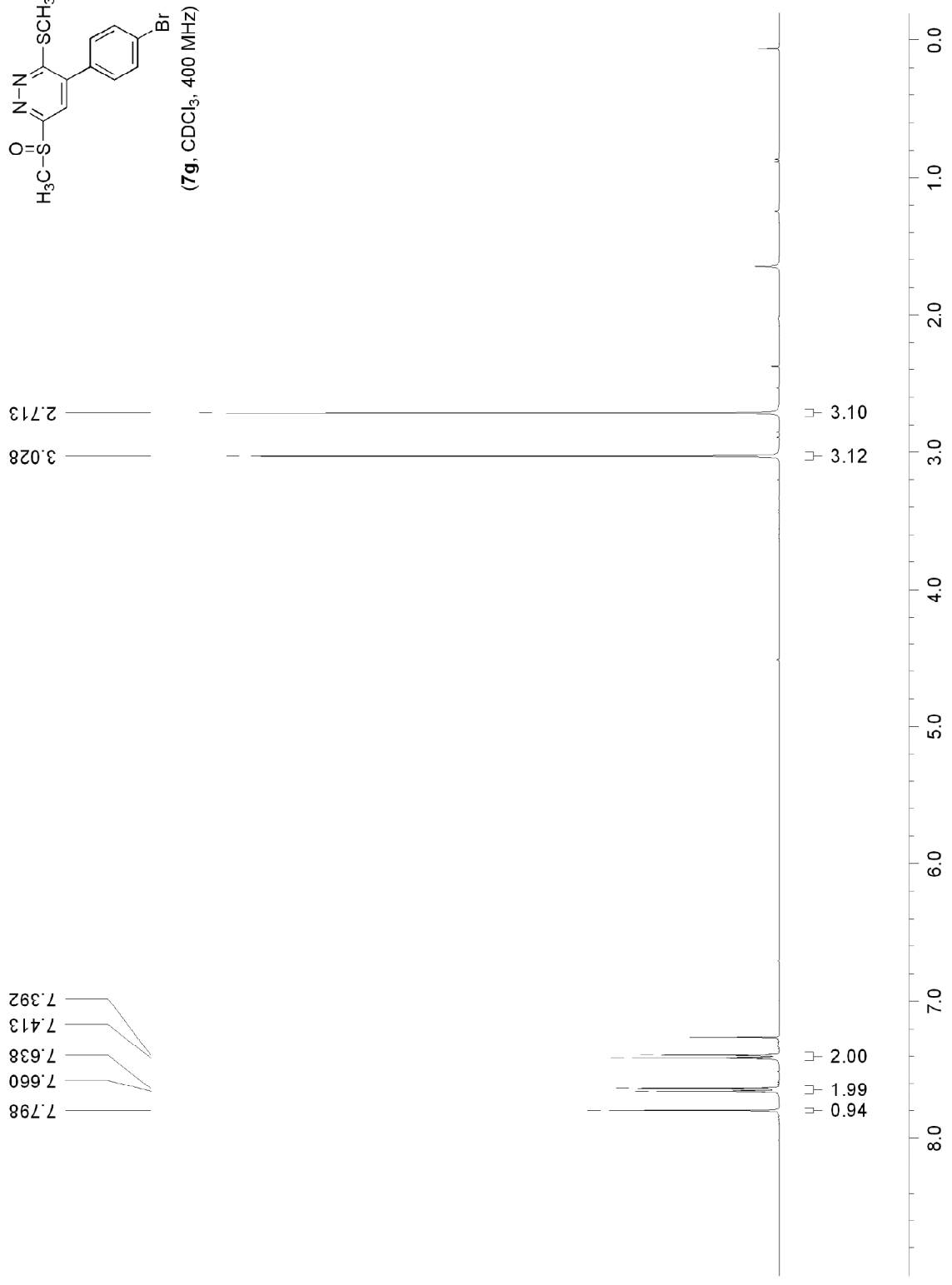
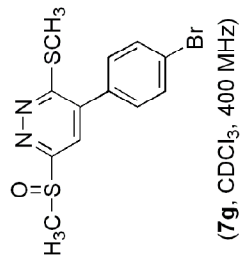


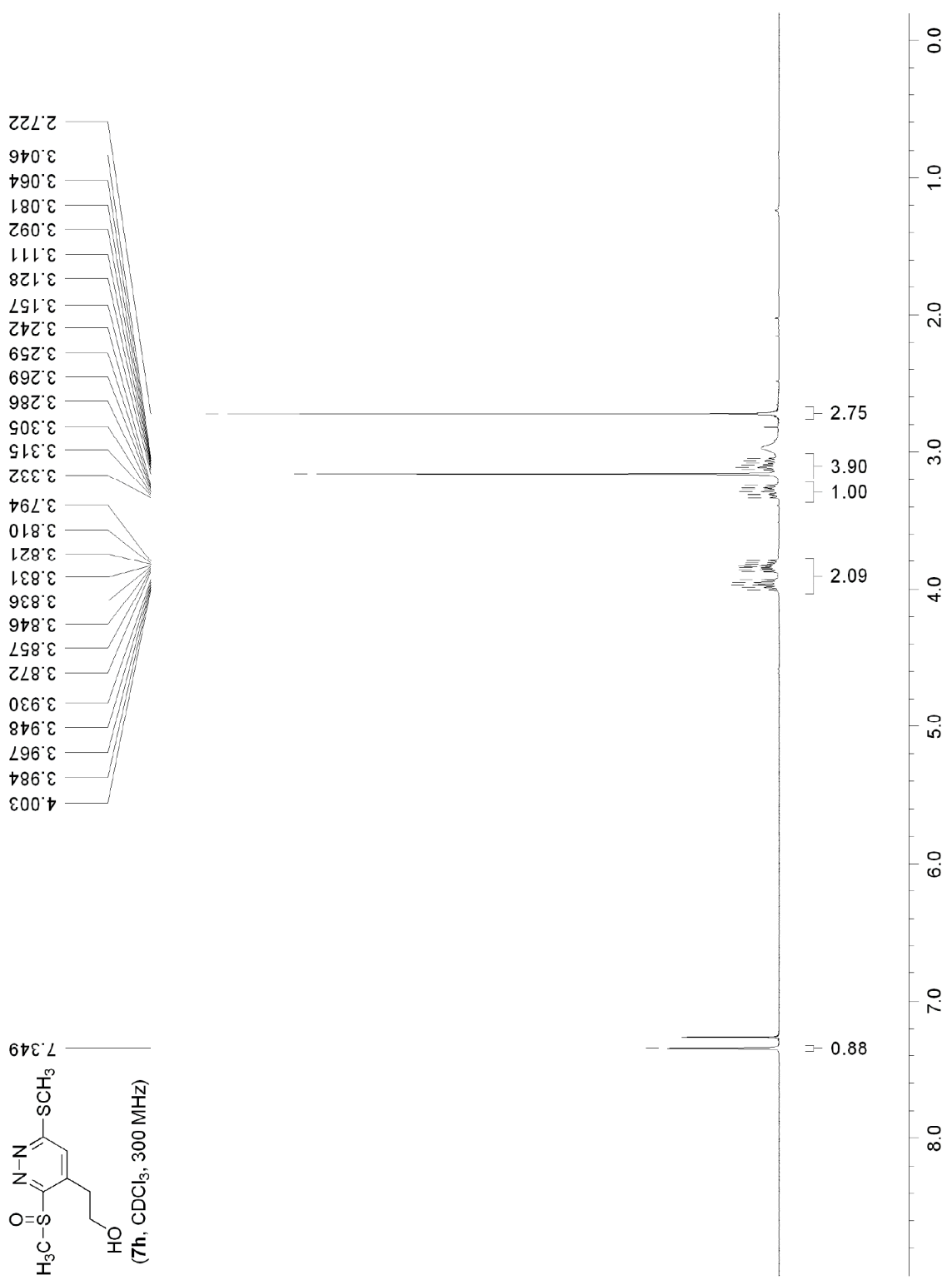
2.357
2.359
2.743
2.945

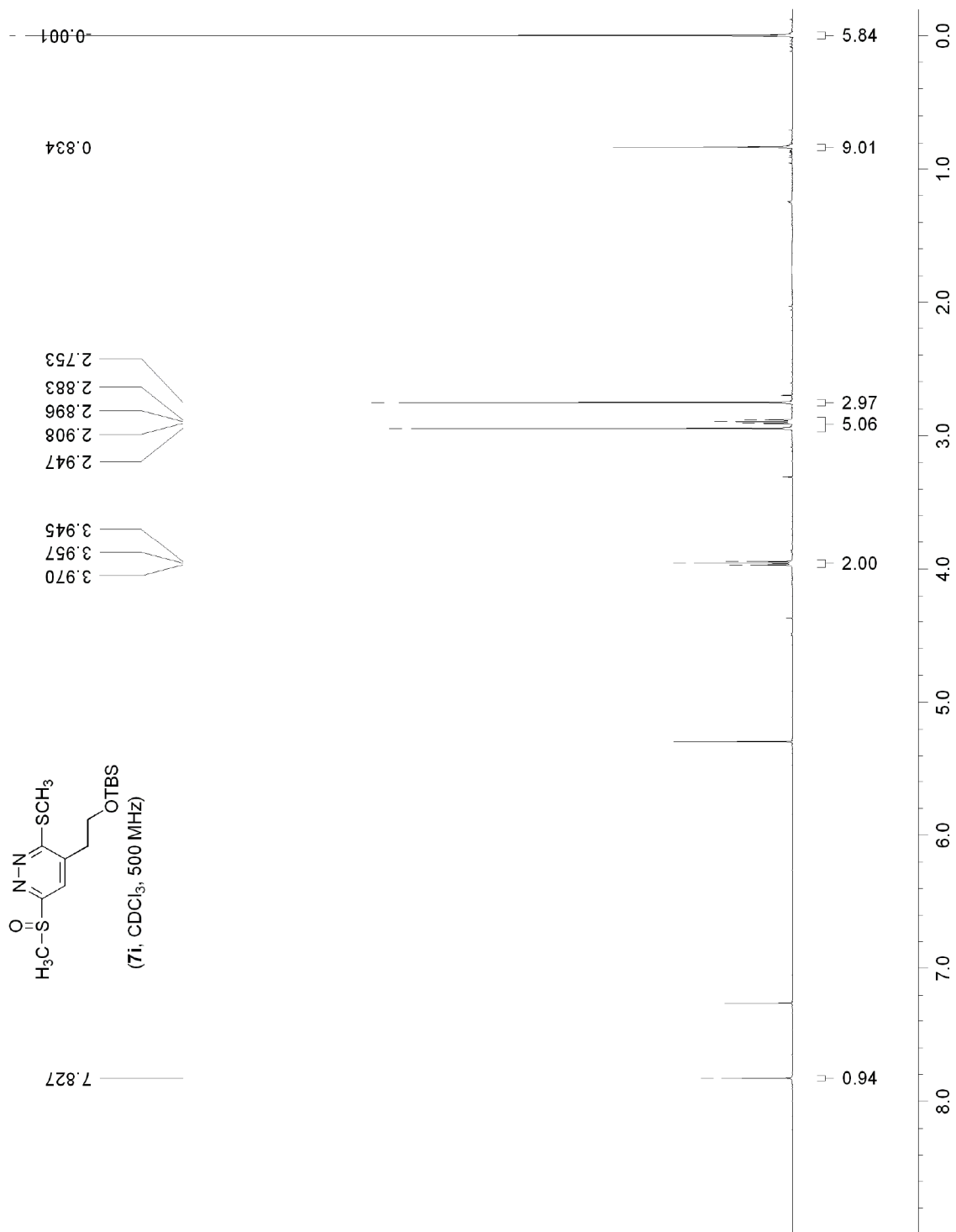
7.740

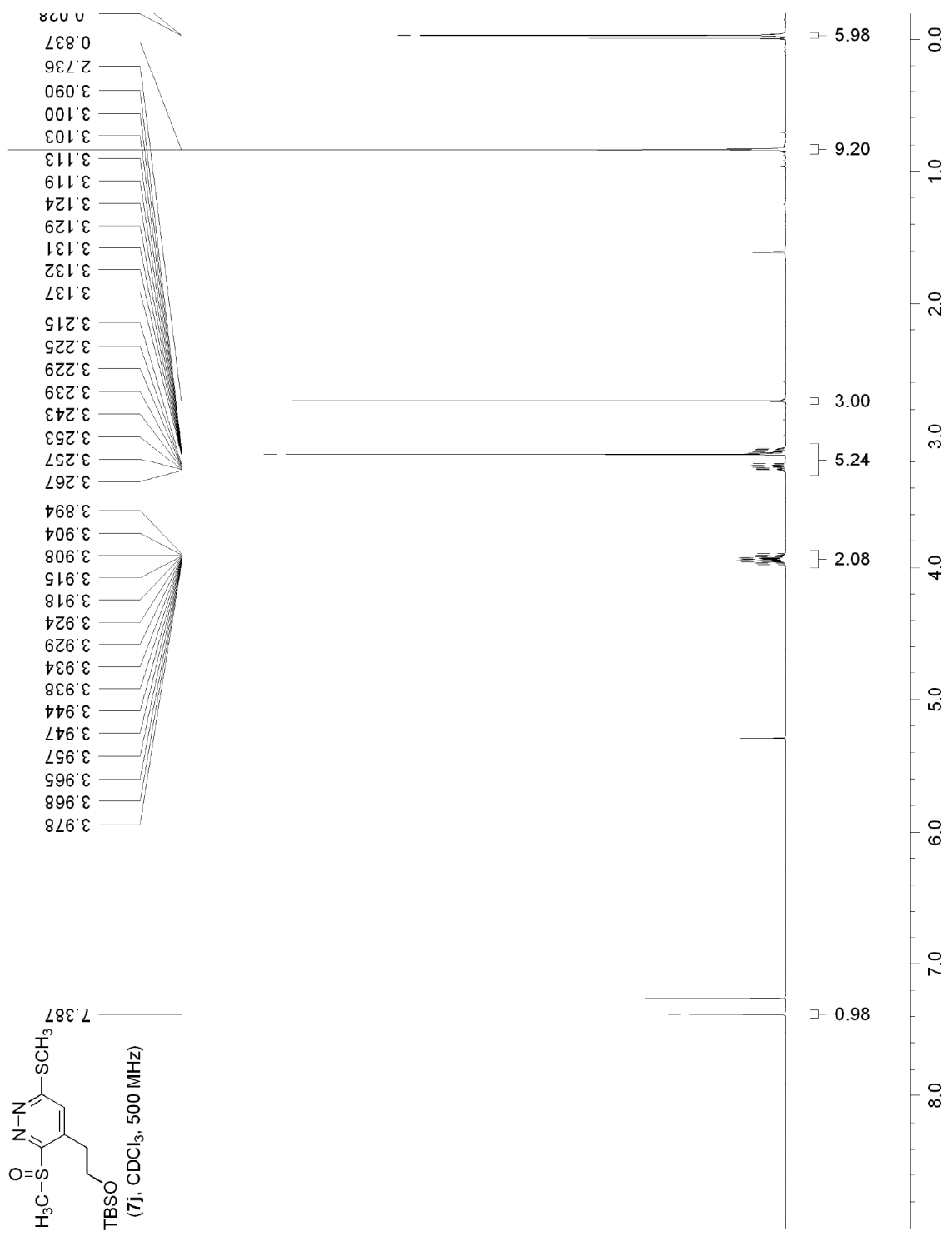


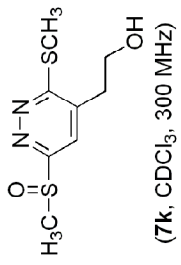








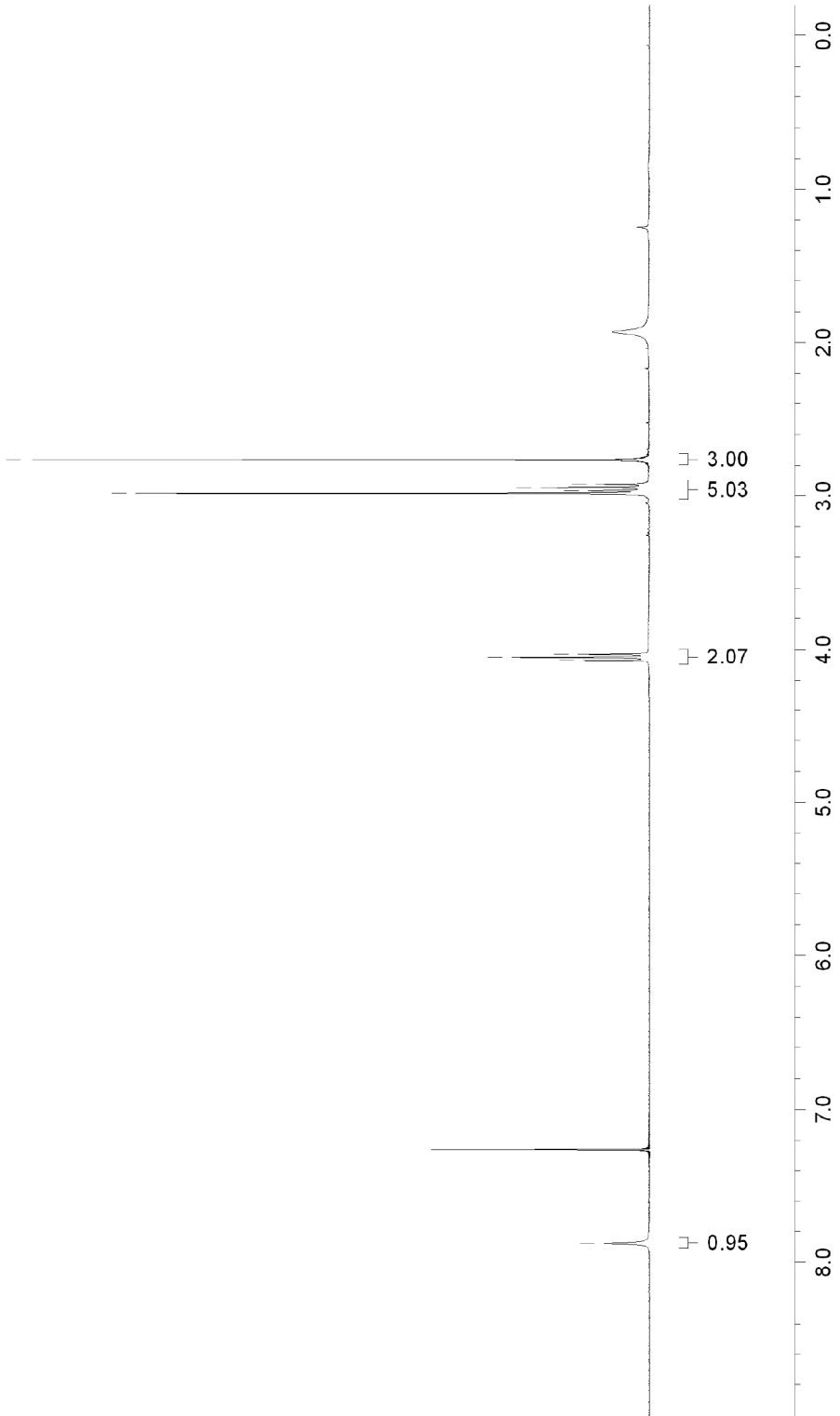


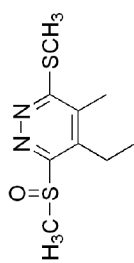


2.985
2.968
2.947
2.927
2.764

4.068
4.048
4.028

7.877





(71, CDCl₃, 300 MHz)

