

## Supplementary Material

### Synthesis of some 2-imidoylimino-2,3-dihydro-thiazolo[4,5-*d*]pyrimidines

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S18

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S19

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S20

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S21

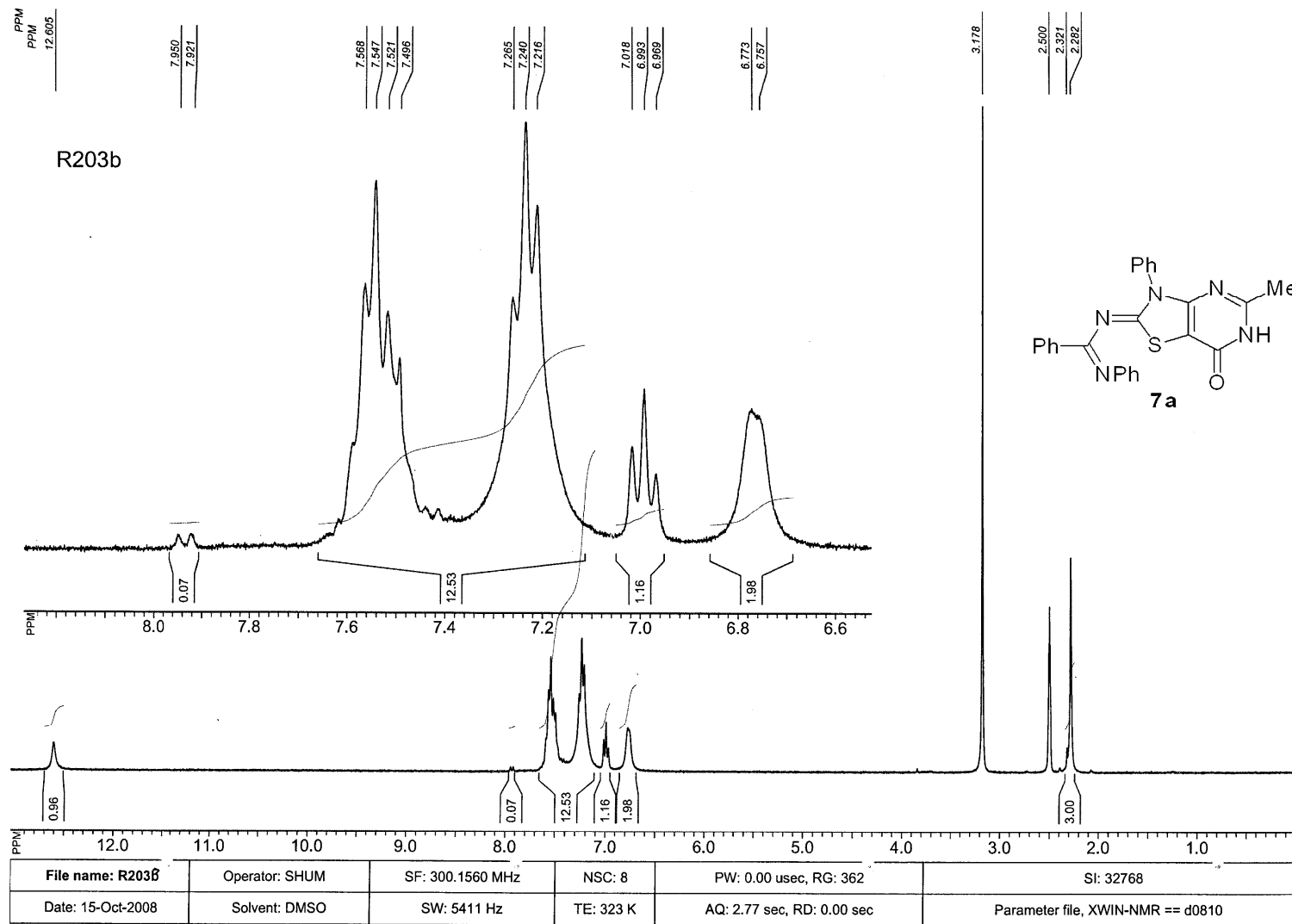


Figure S1.  $^1\text{H}$  NMR of compound **7a** at 50 °C.

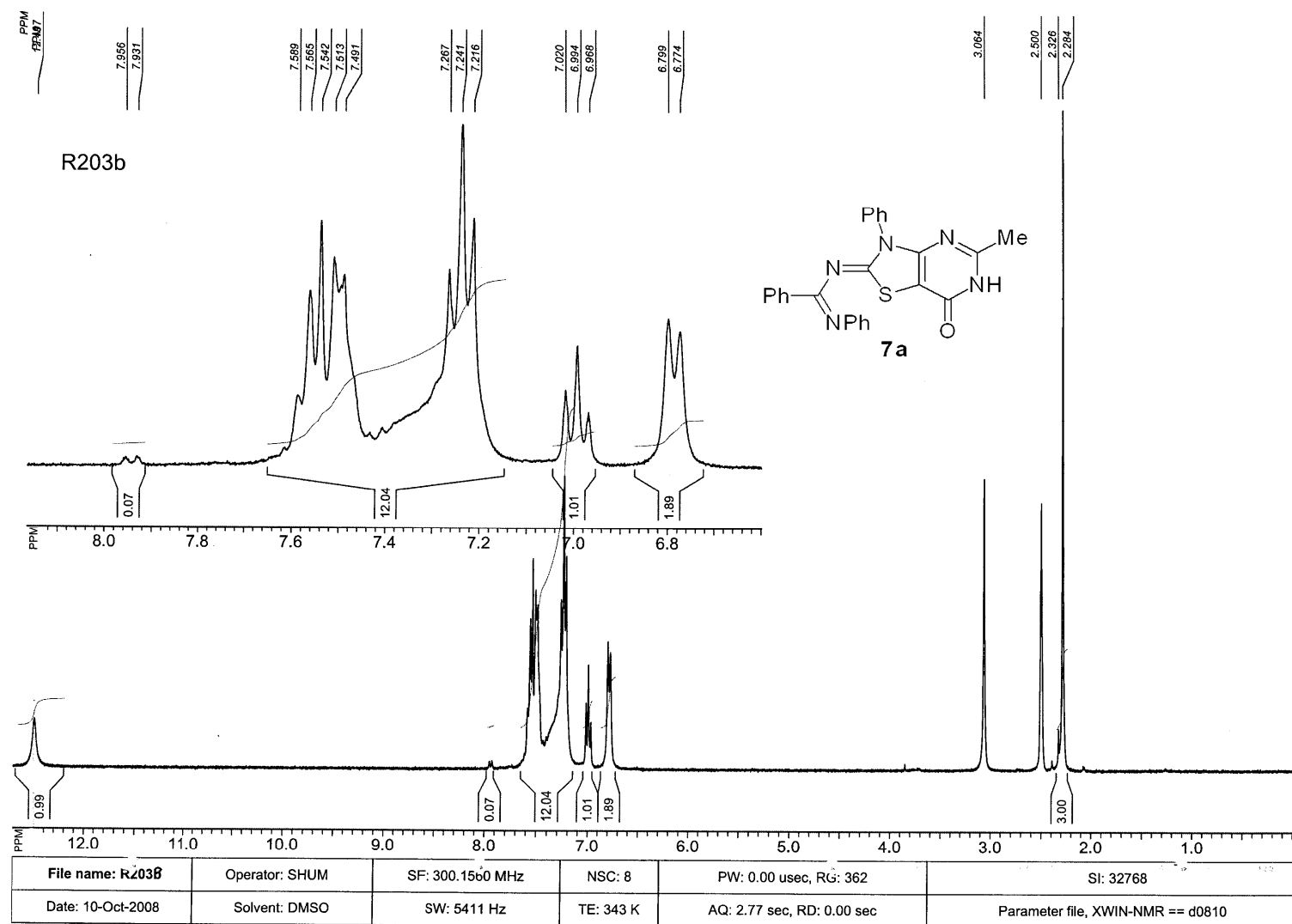


Figure S2.  $^1\text{H}$  NMR of compound **7a** at 70 °C.

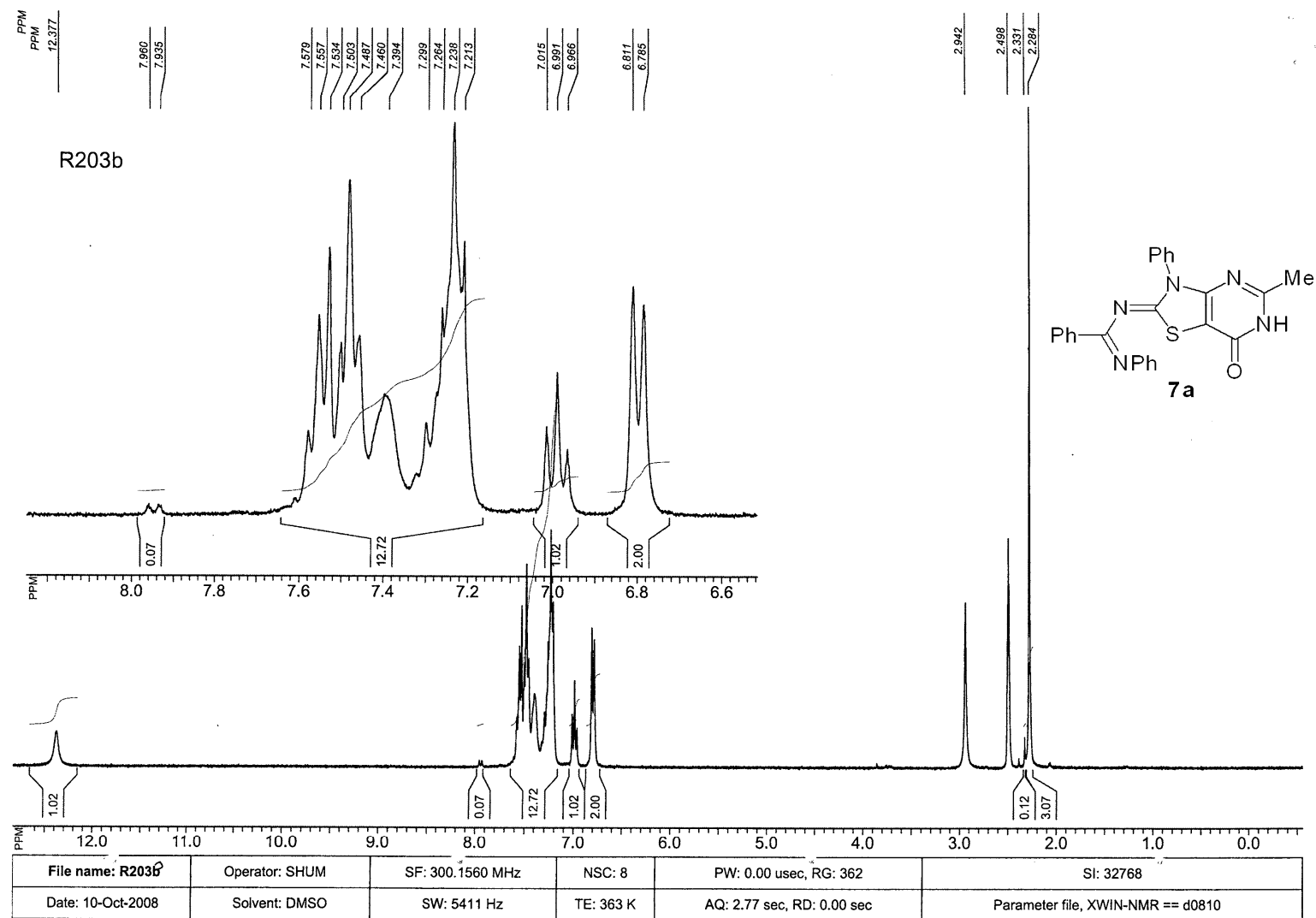


Figure S3.  $^1\text{H}$  NMR of compound **7a** at 90 °C.

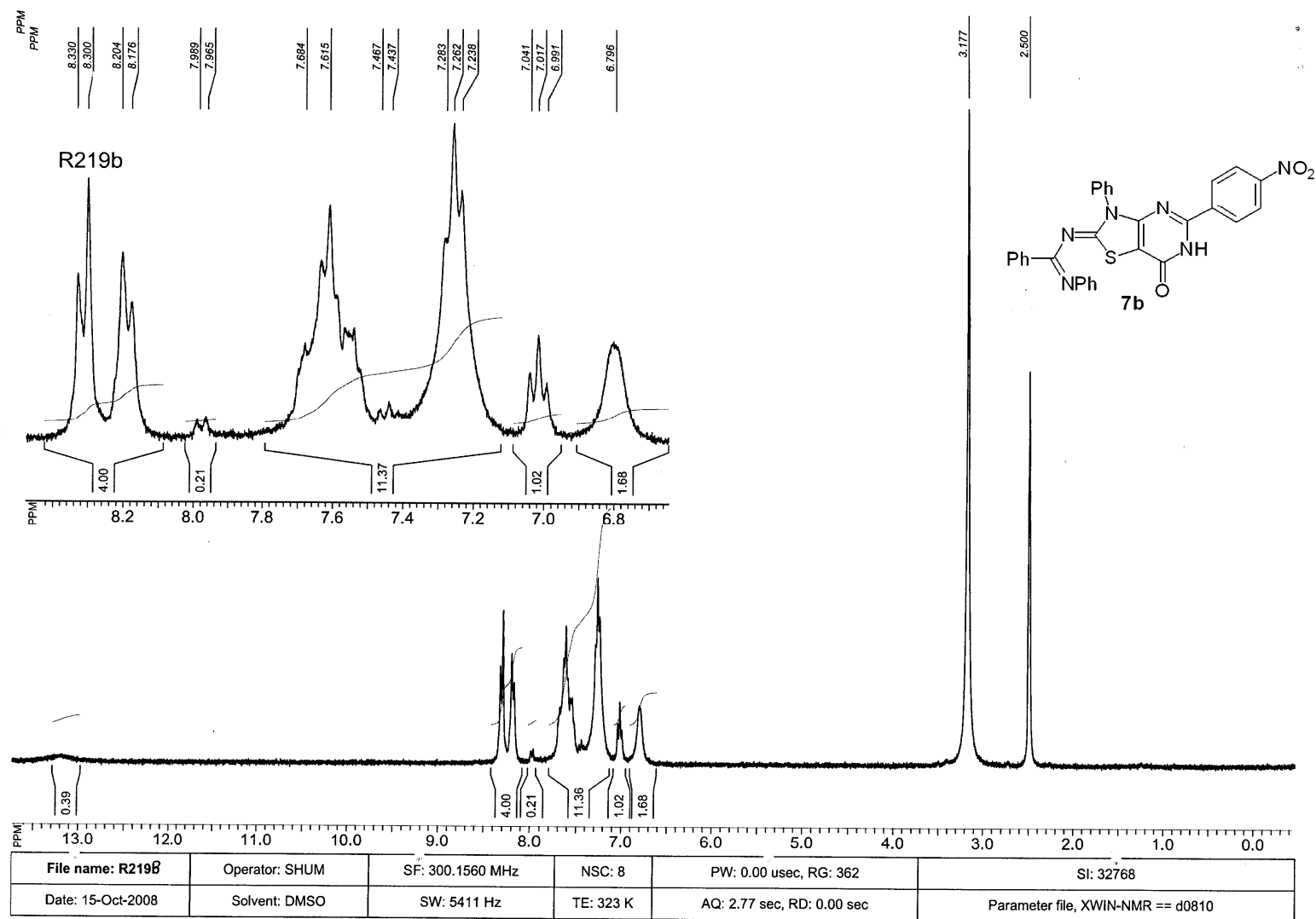


Figure S4.  $^1\text{H}$  NMR of compound **7b** at 50 °C.

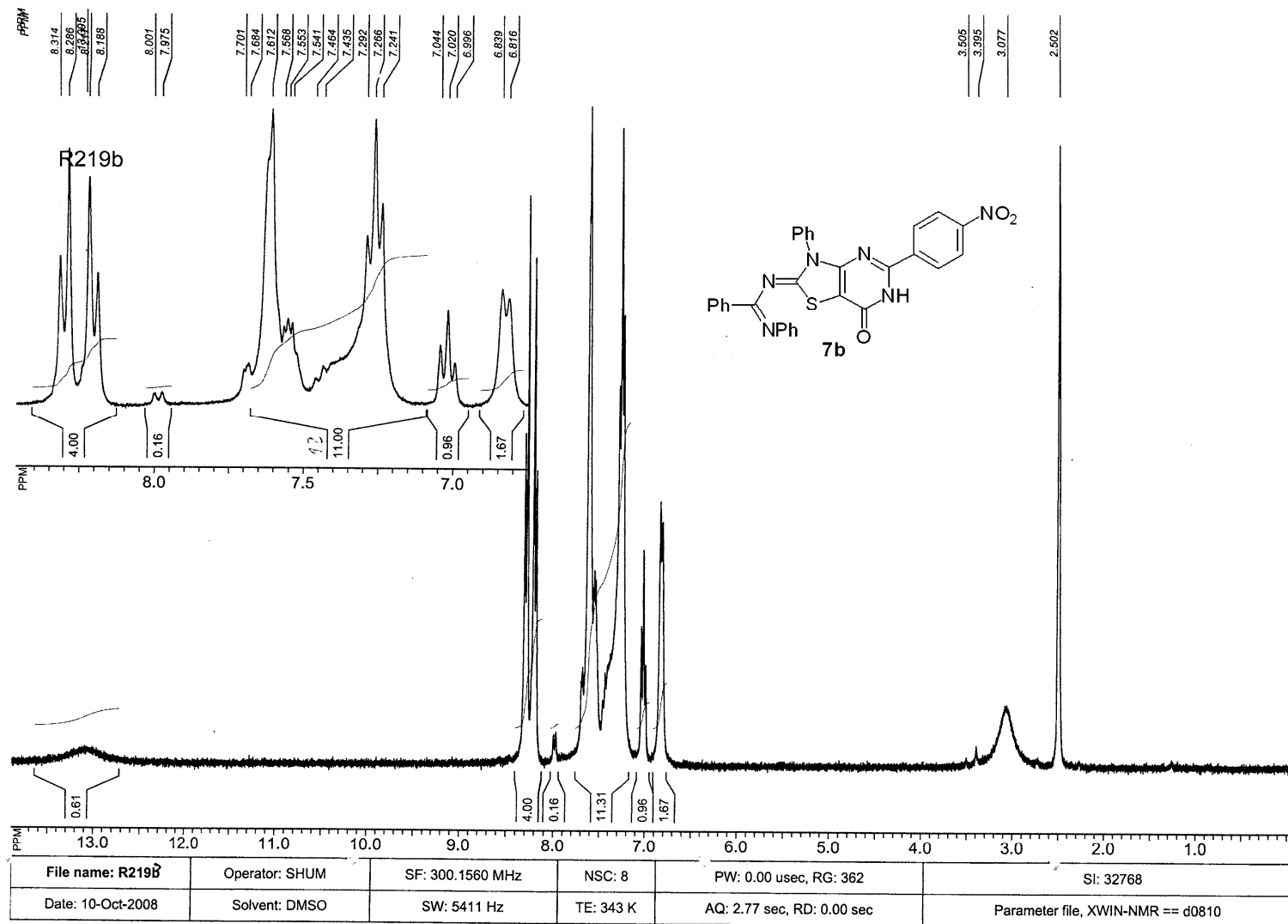


Figure S5.  $^1\text{H}$  NMR of compound **7b** at 70 °C.

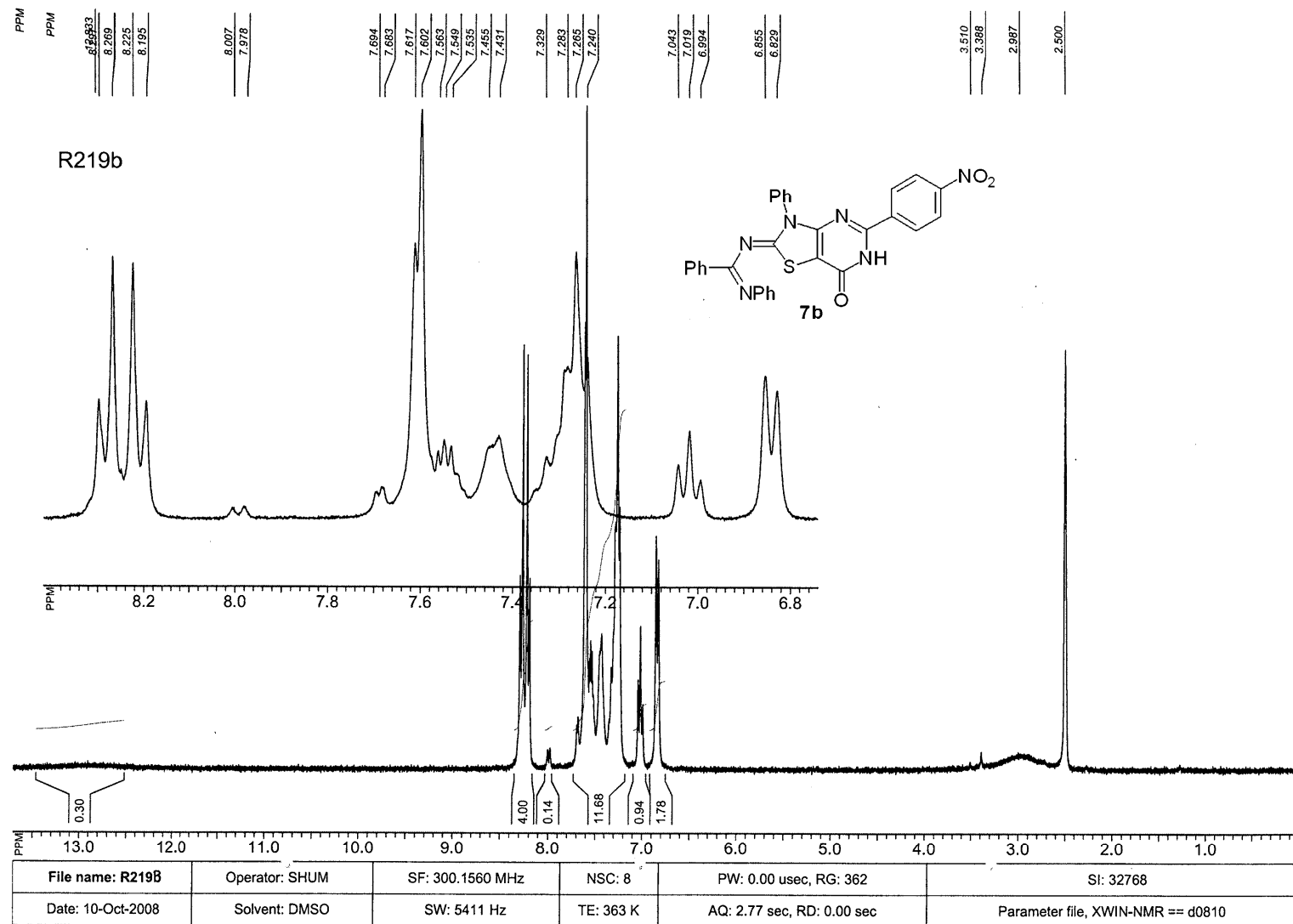


Figure S6.  $^1\text{H}$  NMR of compound **7b** at 90 °C.



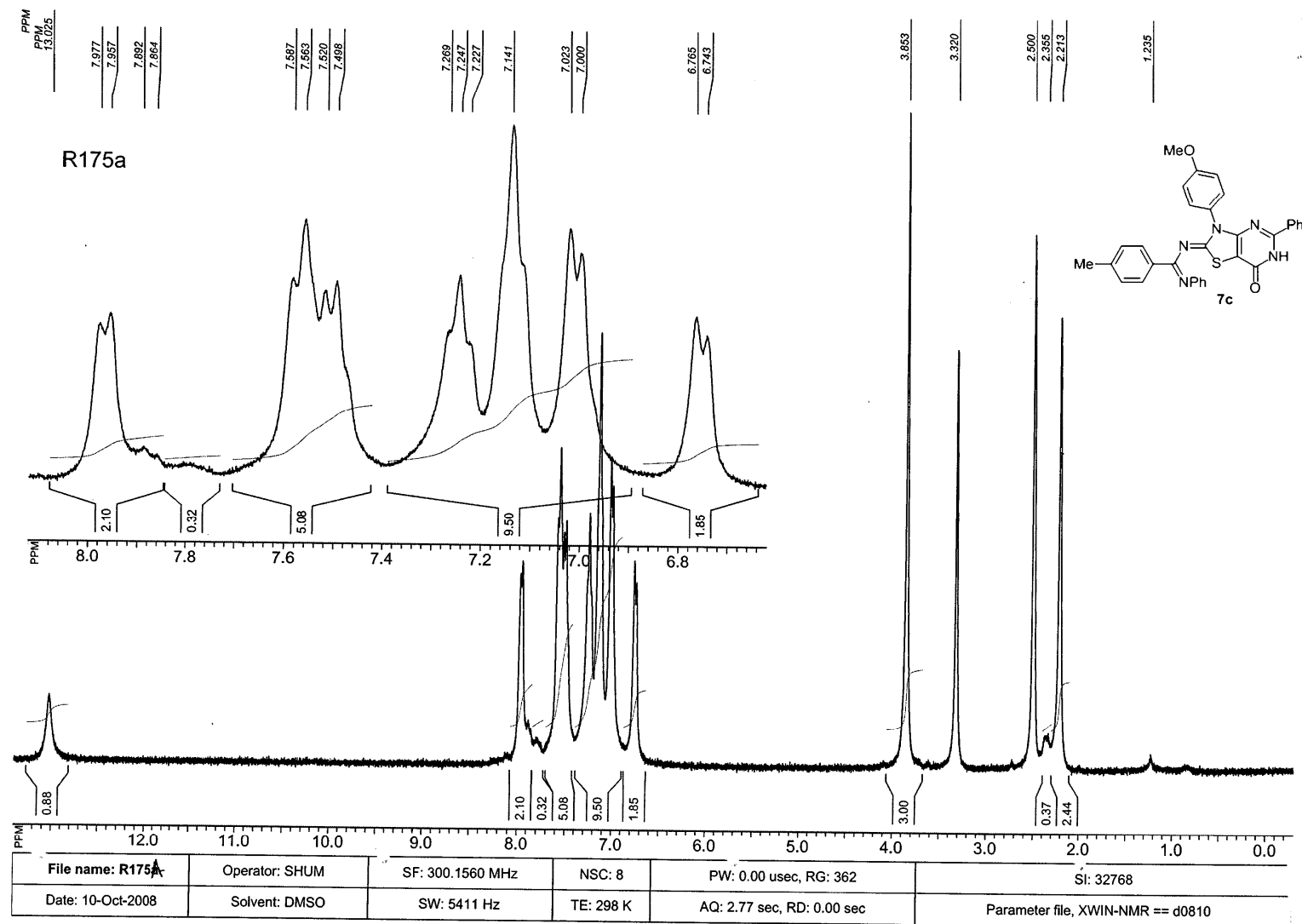


Figure S7.  $^1\text{H}$  NMR of compound **7c** at 25  $^\circ\text{C}$

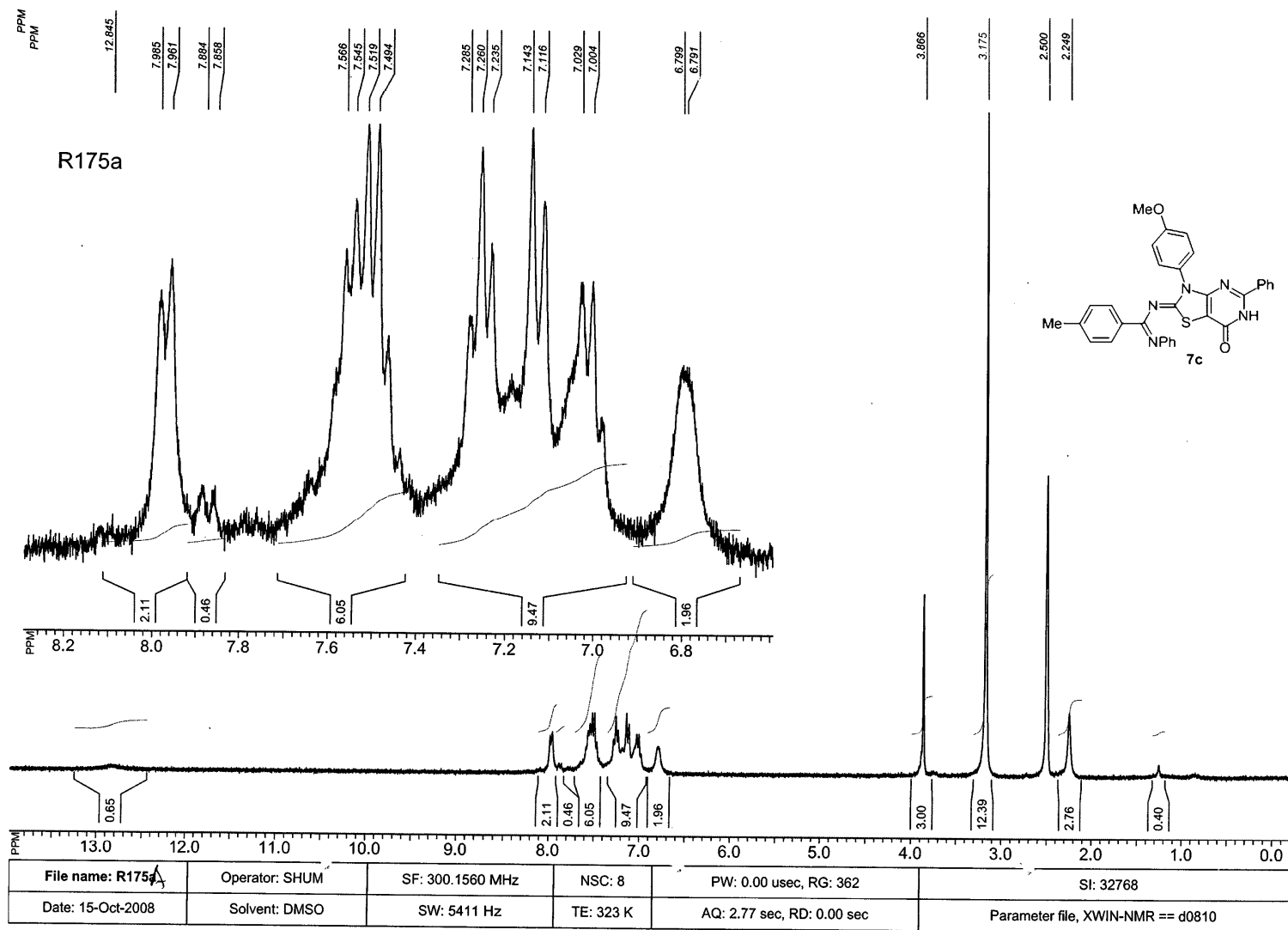


Figure S8.  $^1\text{H}$  NMR of compound **7c** at 50 °C.

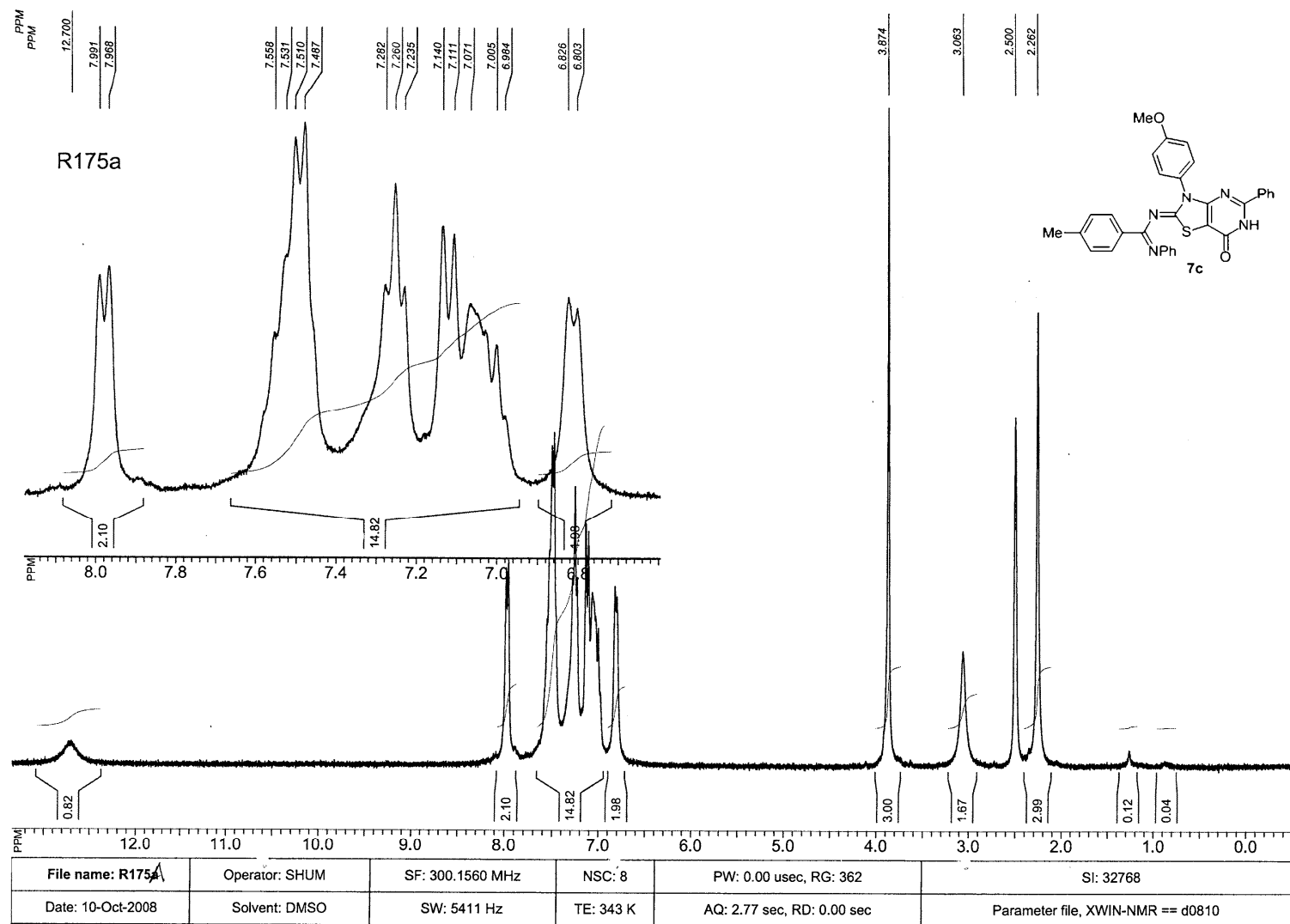
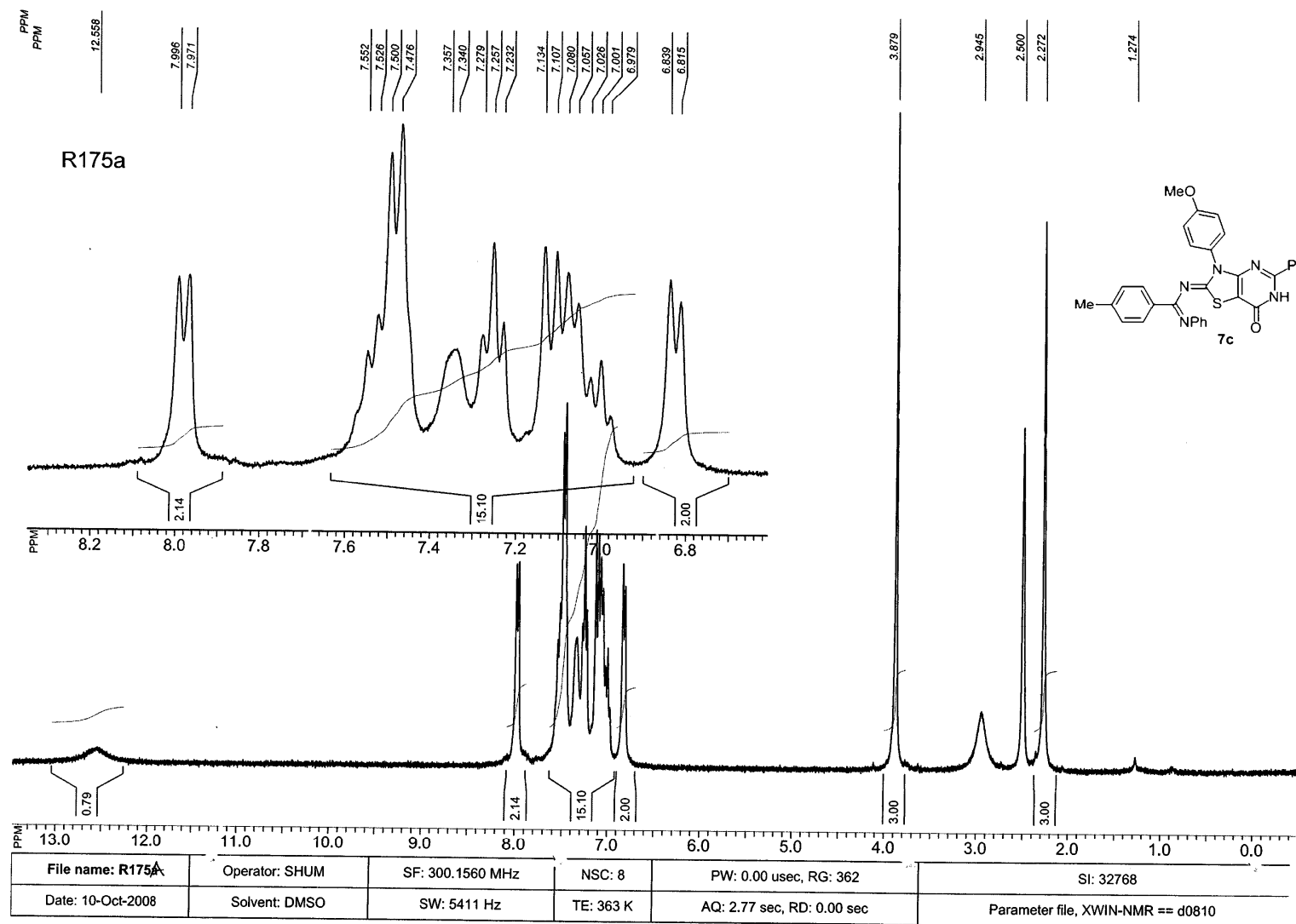
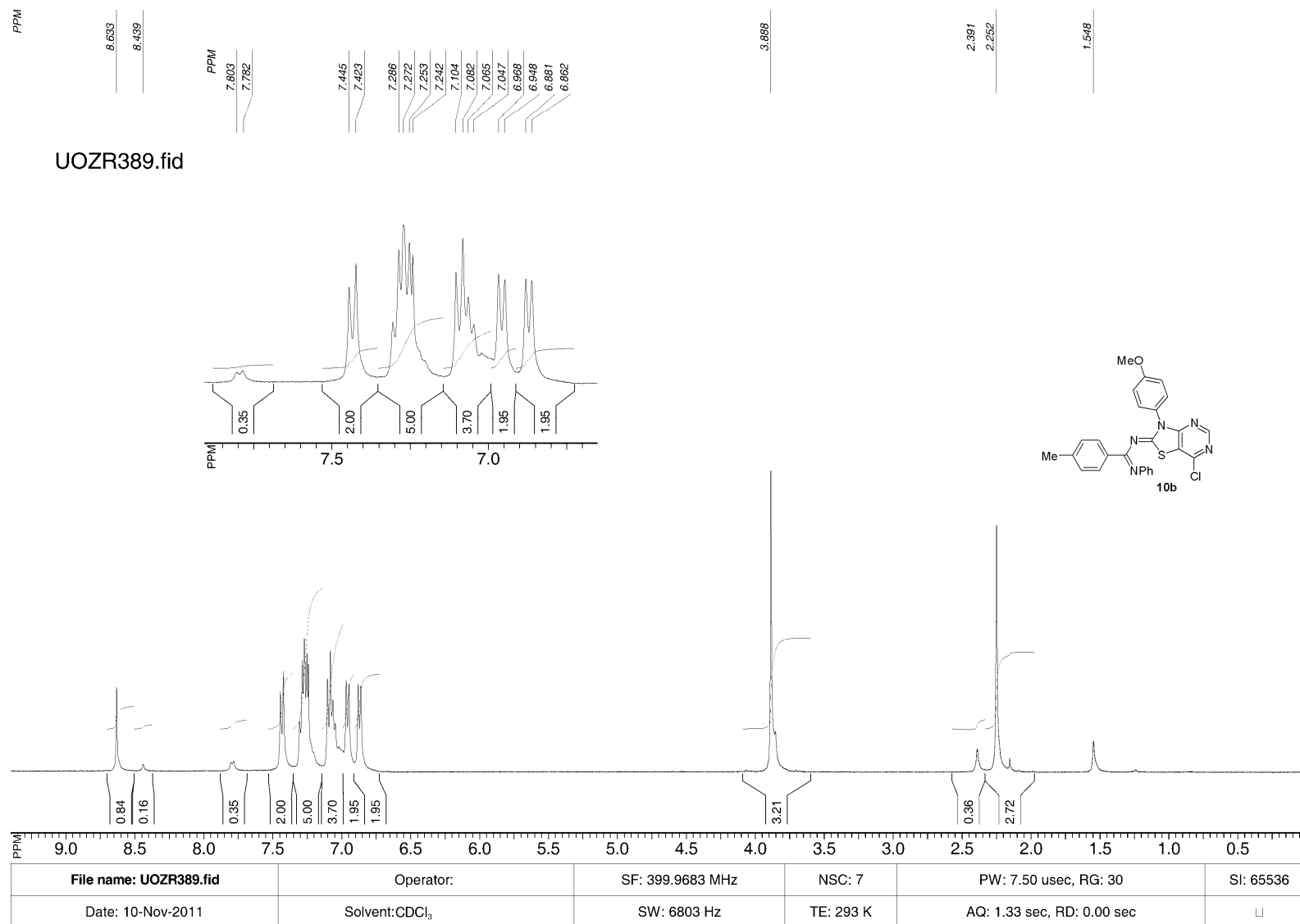


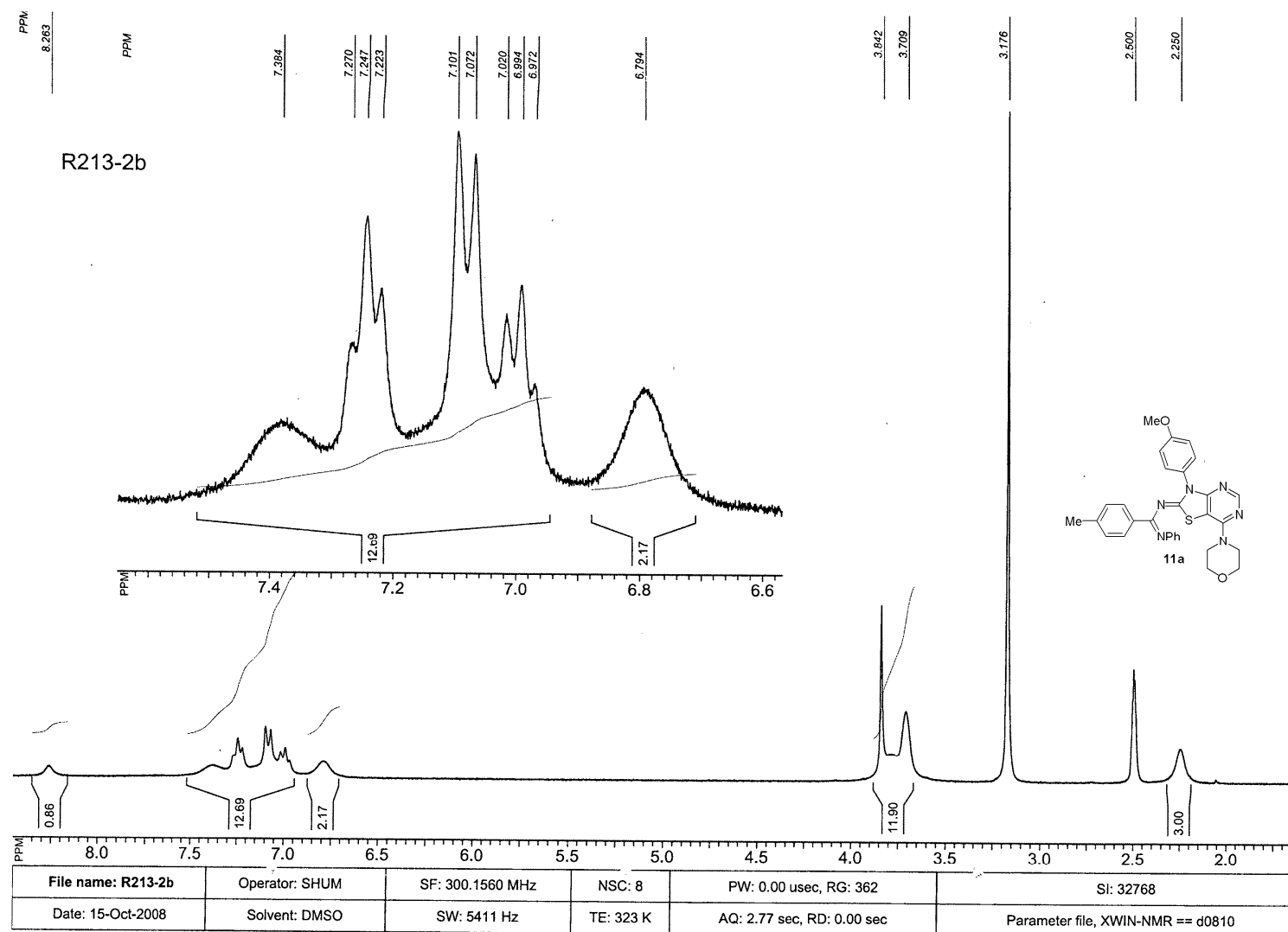
Figure S9.  $^1\text{H}$  NMR of compound **7c** at 70 °C.



**Figure S10.**  $^1\text{H}$  NMR of compound **7c** at 90 °C.



**Figure S11.** <sup>1</sup>H NMR of compound **10b** at 20 °C.



**Figure S12.**  $^1\text{H}$  NMR of compound **11a** at 50 °C.

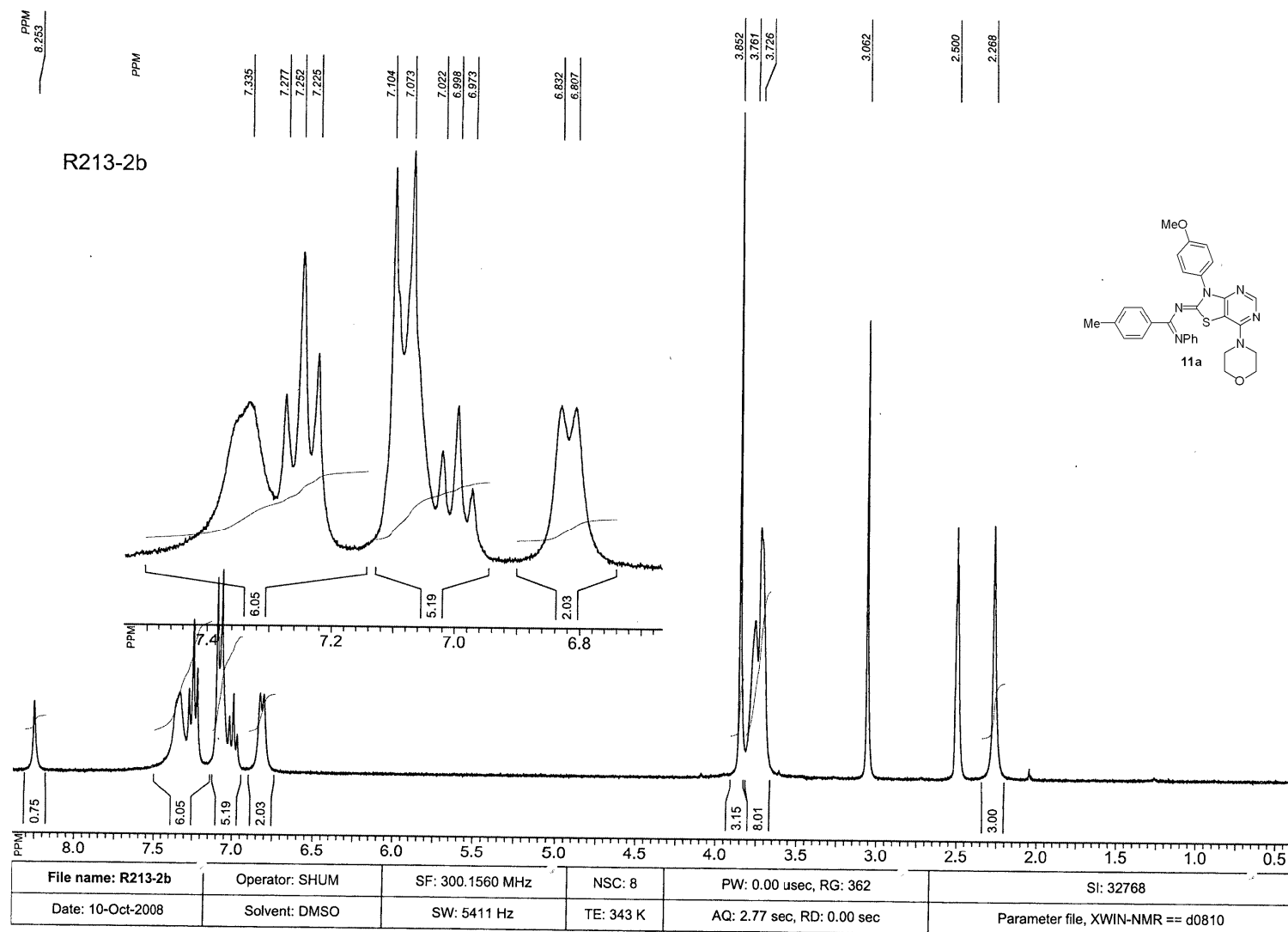


Figure S13.  $^1\text{H}$  NMR of compound 11a at 70 °C.

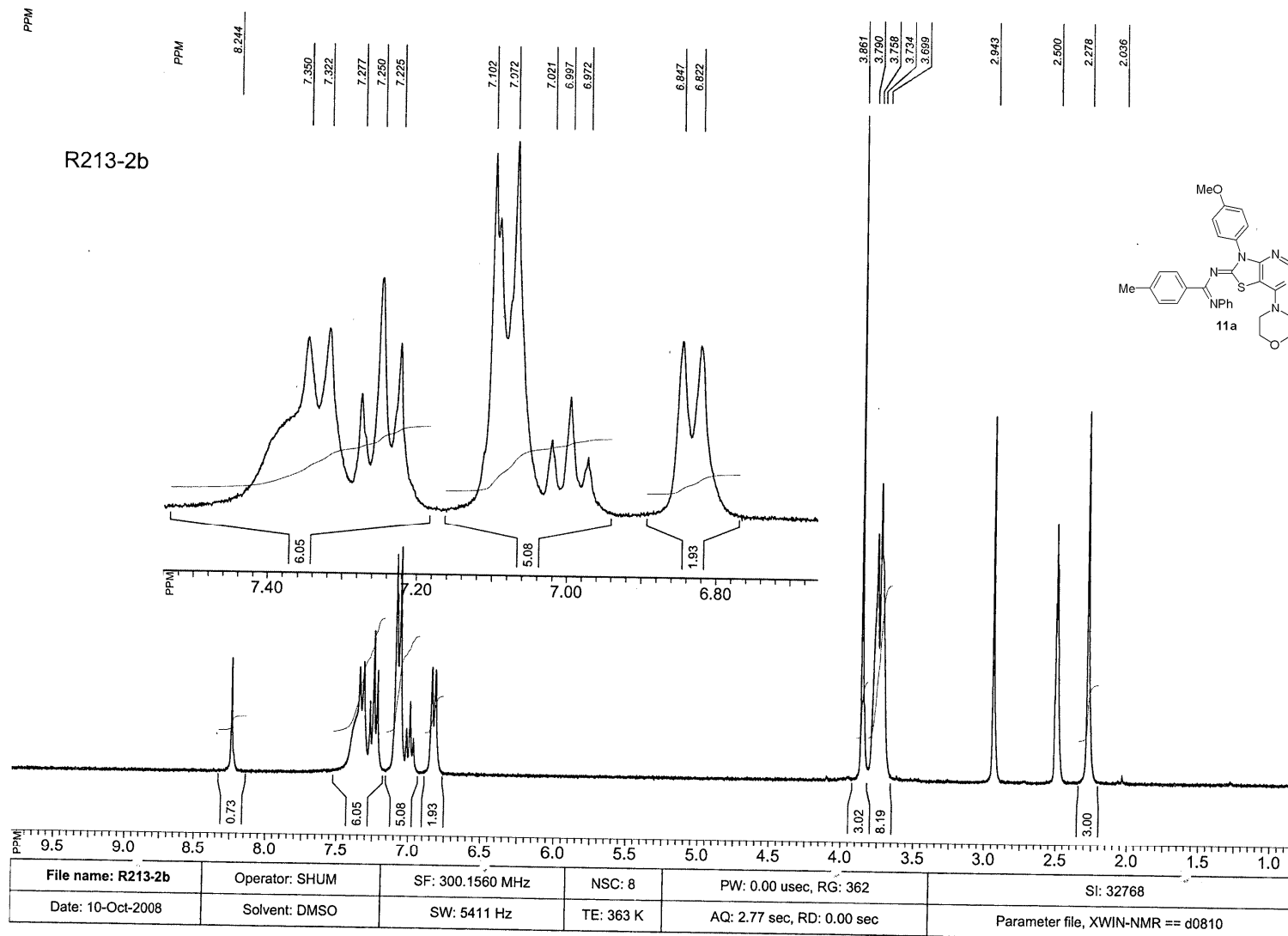
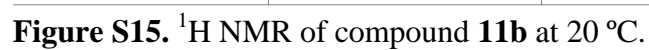
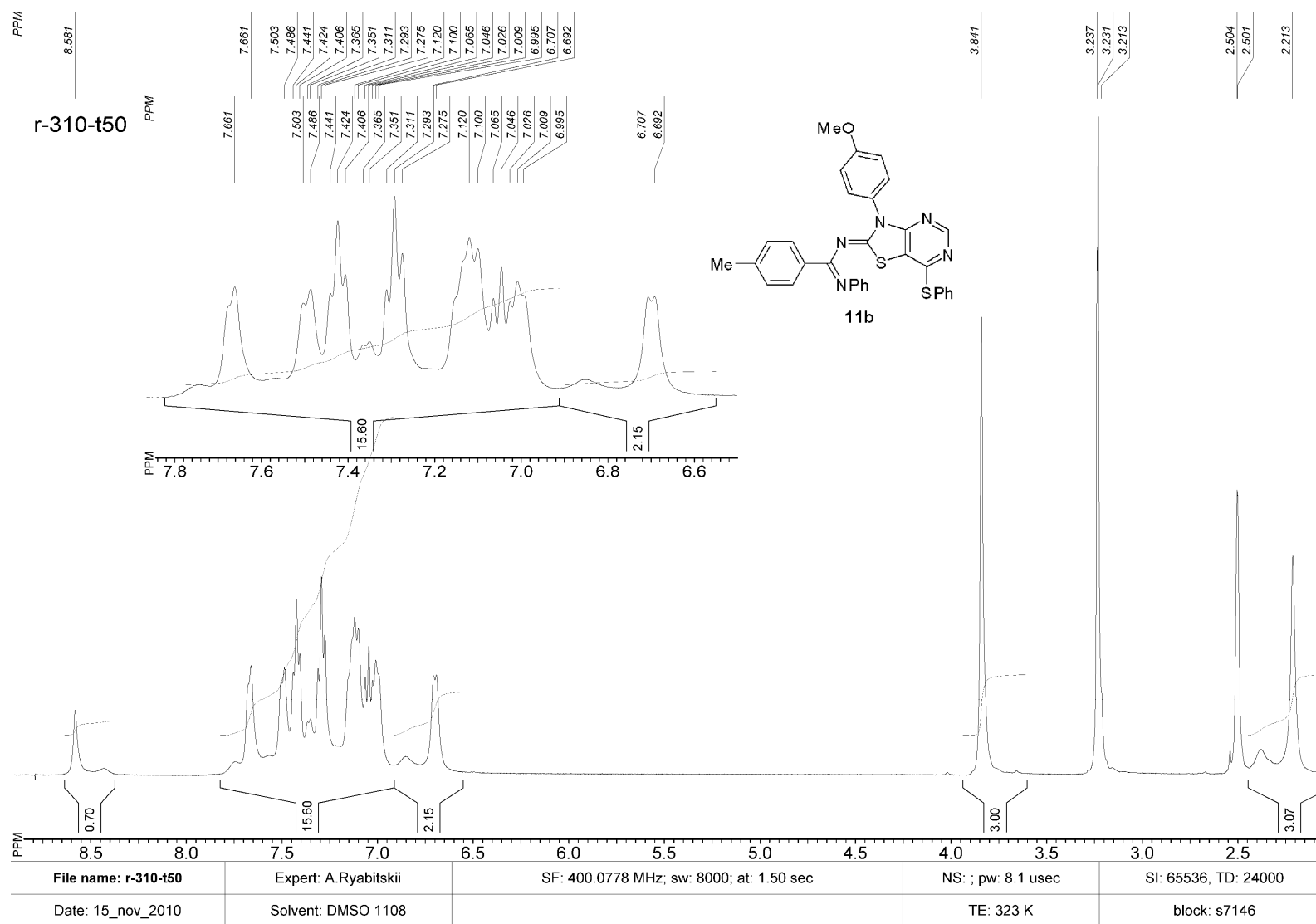


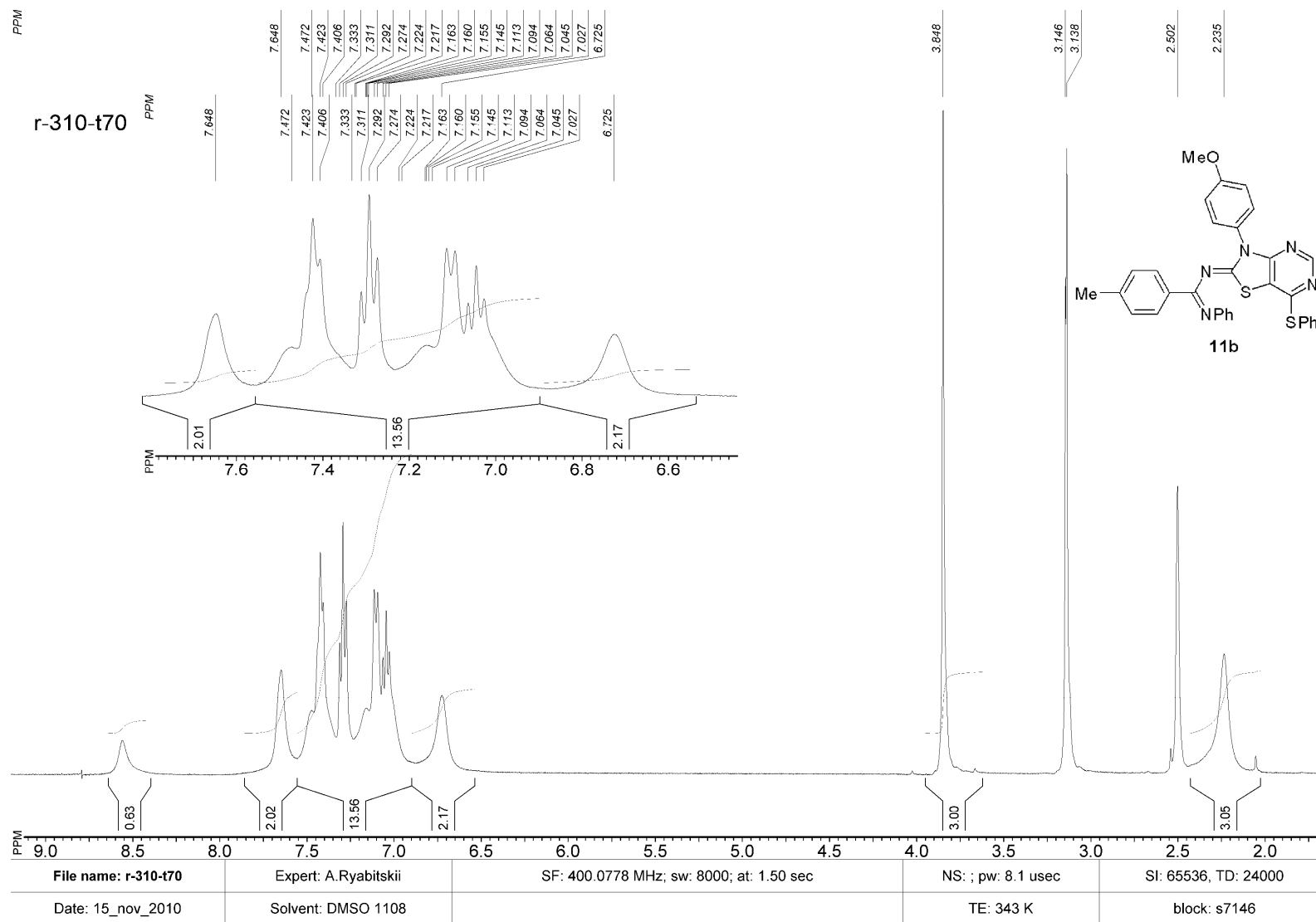
Figure S14. <sup>1</sup>H NMR of compound 11a at 90 °C.



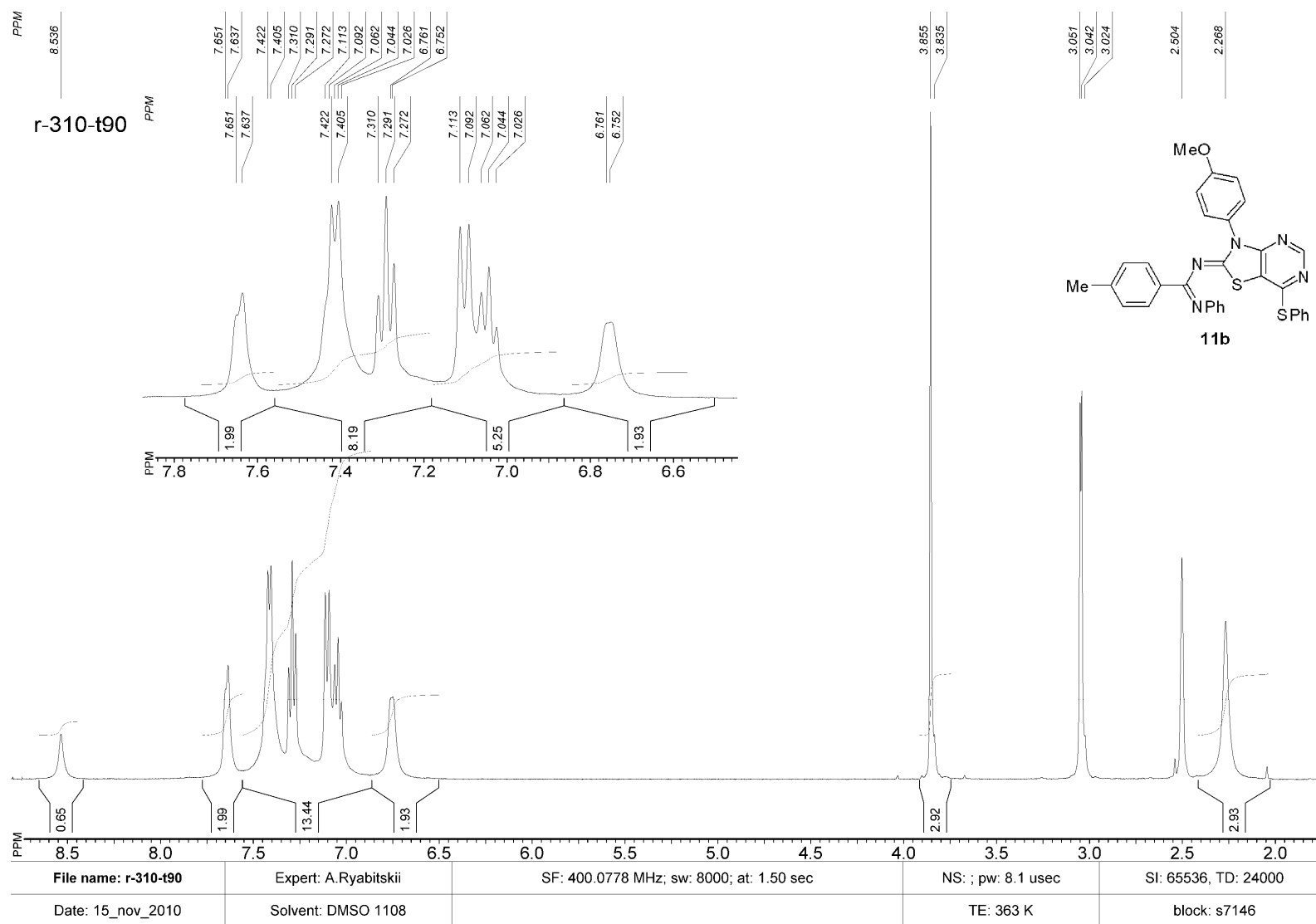




**Figure S16.**  $^1\text{H}$  NMR of compound **11b** at 50 °C.



**Figure S17.** <sup>1</sup>H NMR of compound **11b** at 70 °C.



**Figure S18.**  $^1\text{H}$  NMR of compound **11b** at 90 °C.

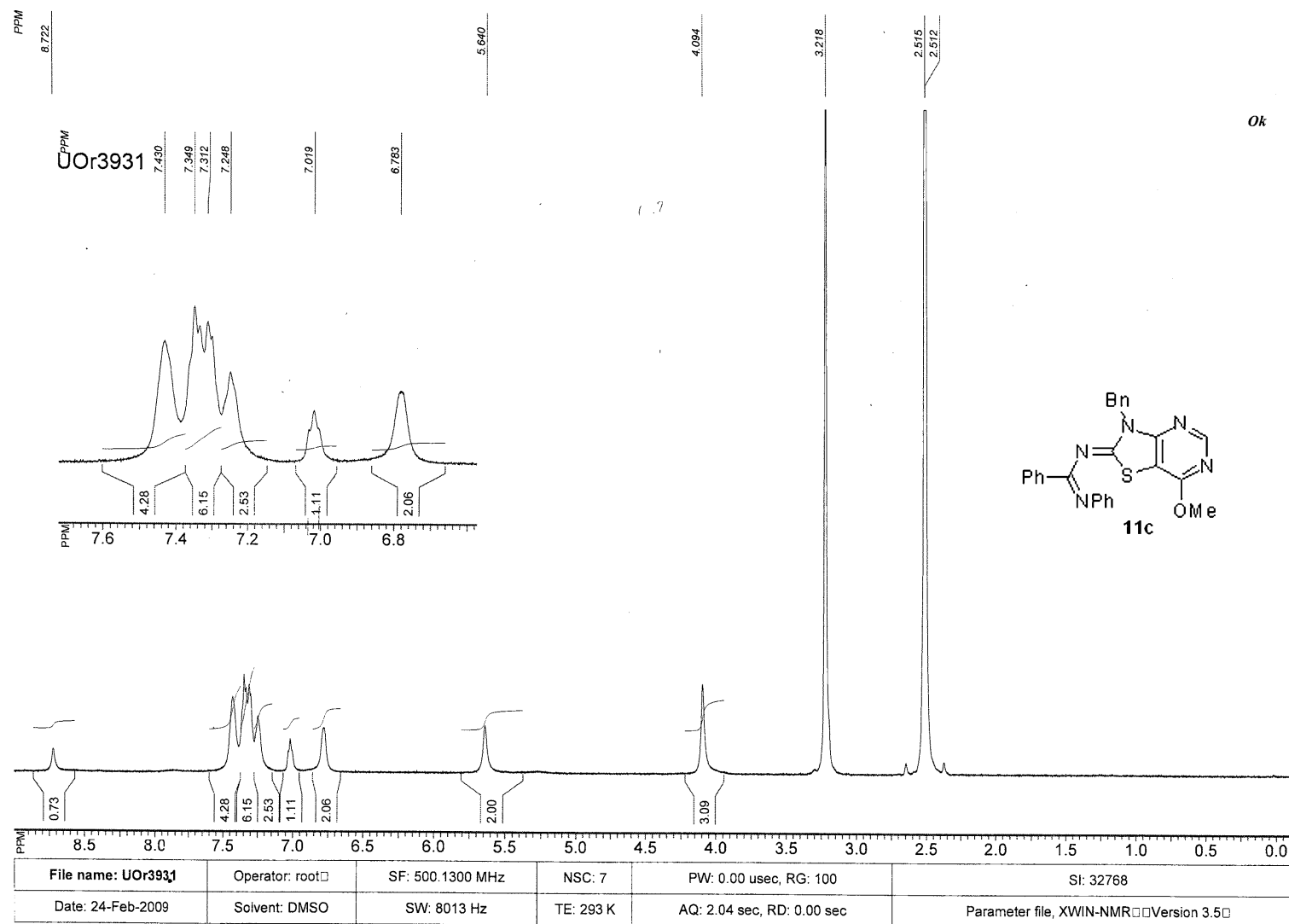


Figure S19.  $^1\text{H}$  NMR of compound **11c** at 20 °C.