Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Supplementary Information

Electrochemical generation of Michael acceptor: A green method for the synthesis of 4-amino-3-(phenylsulfonyl)diphenylamine derivatives

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nemat@basu.ac.ir

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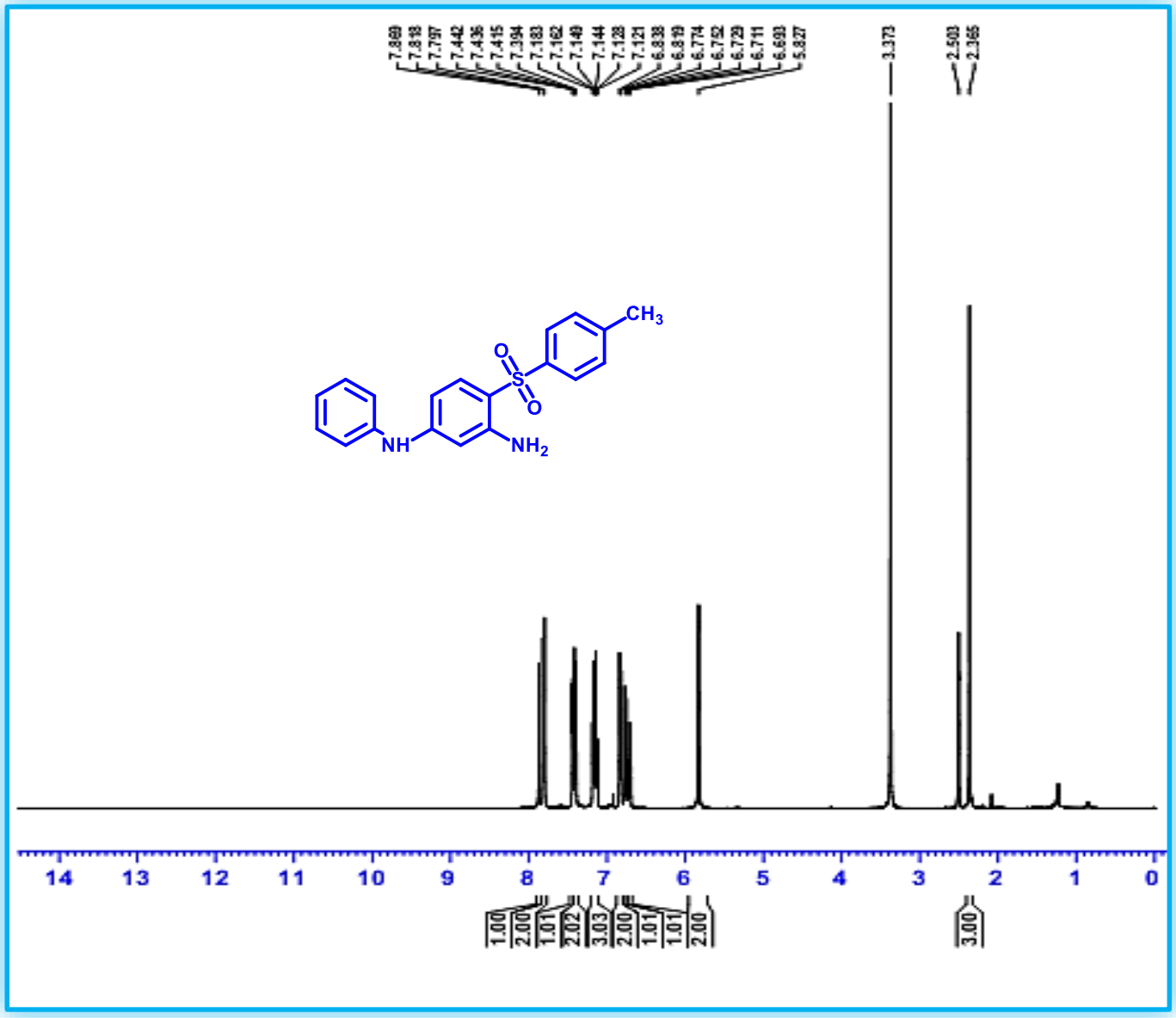
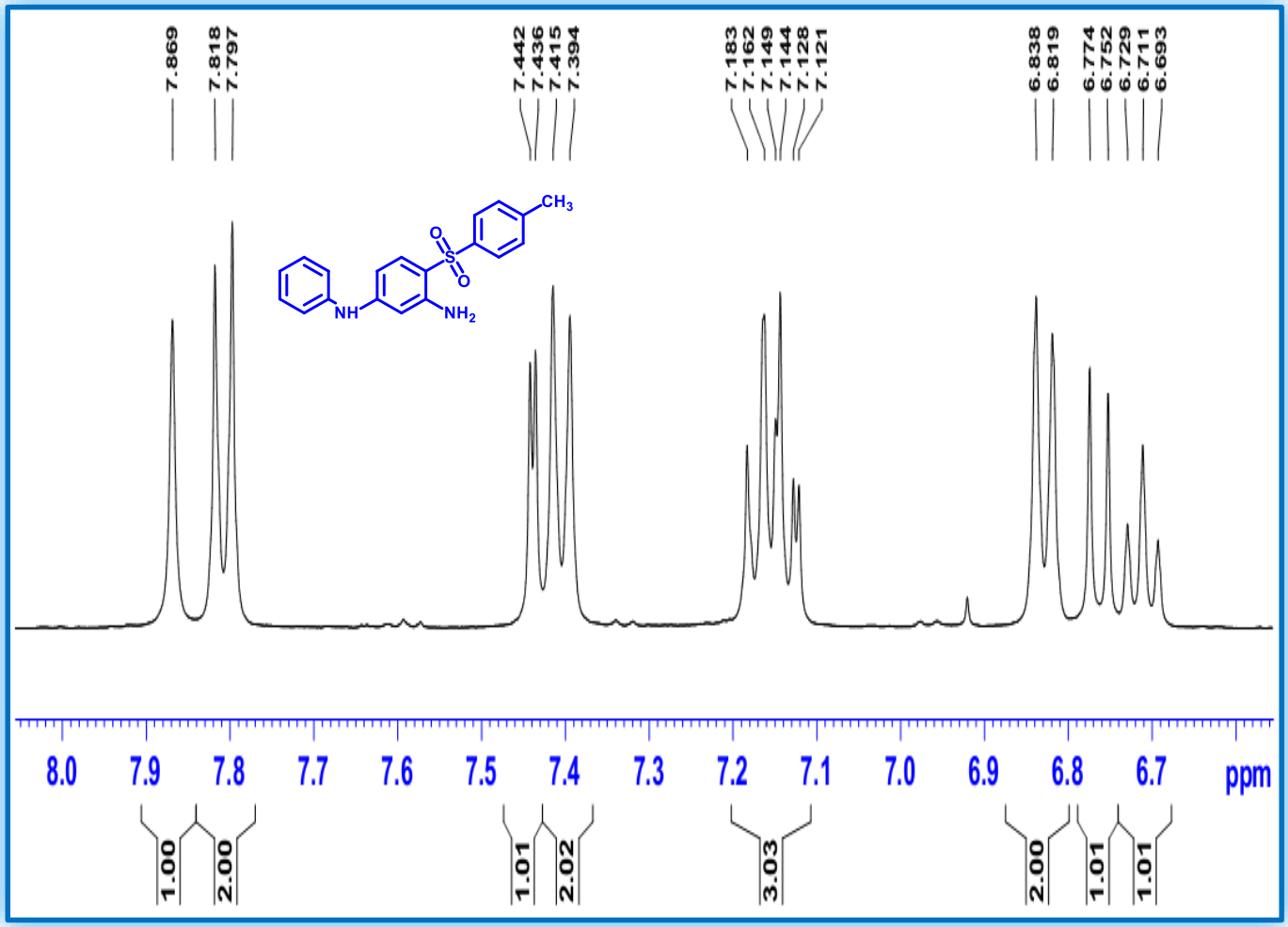
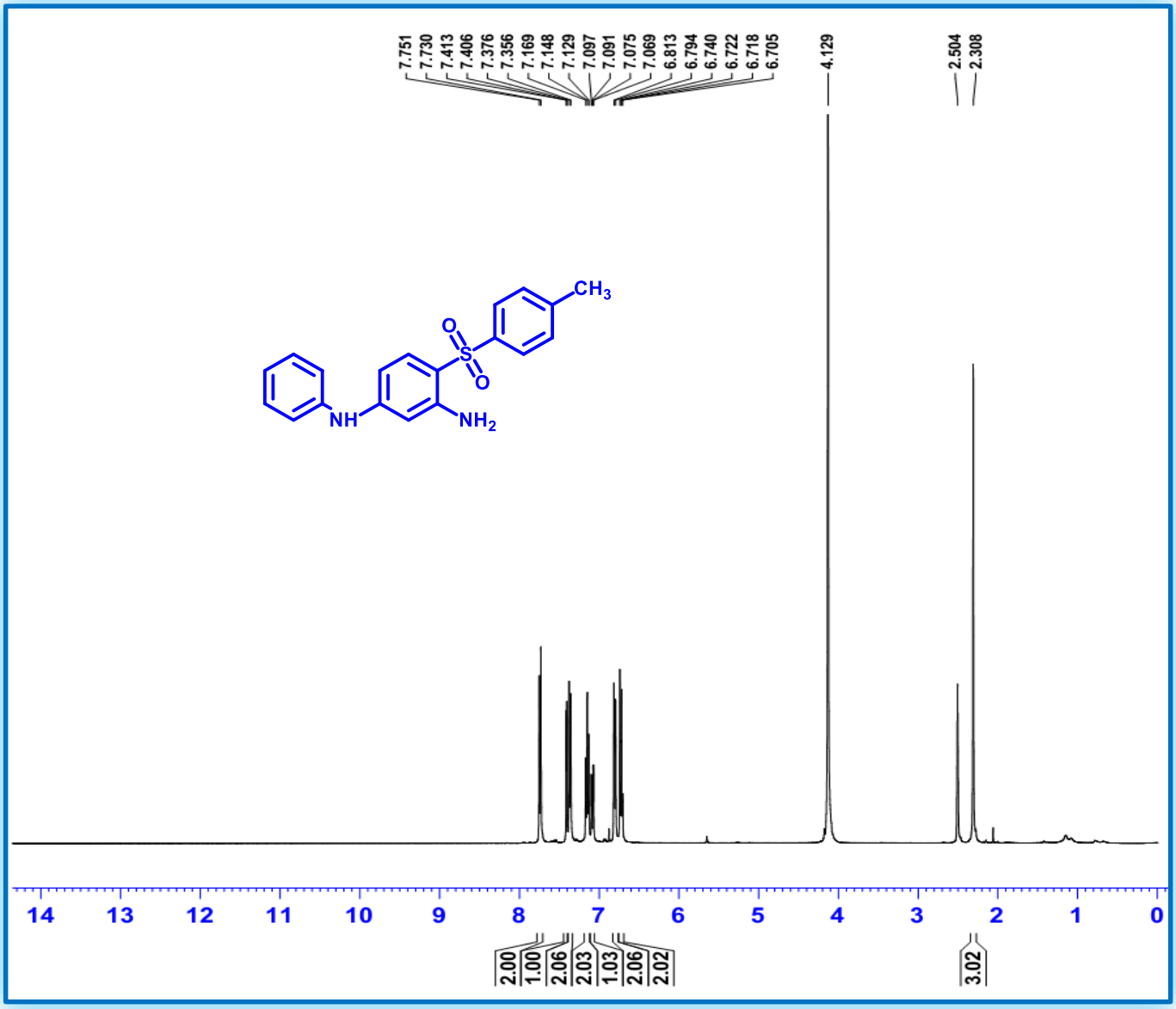
➢ ^{1}H NMR spectrum of 3a



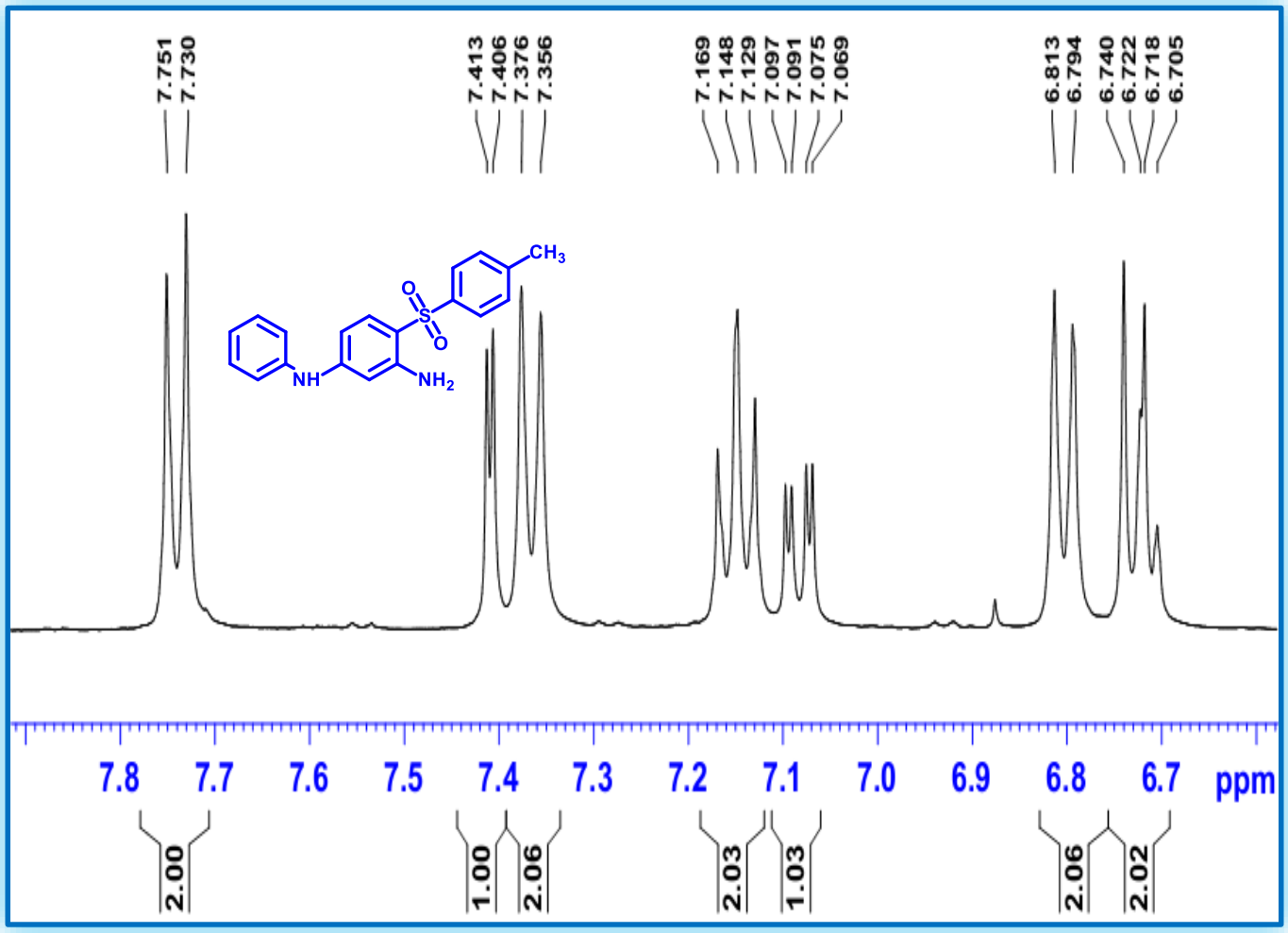
➢ **^{1}H NMR spectrum (expanded) of 3a**



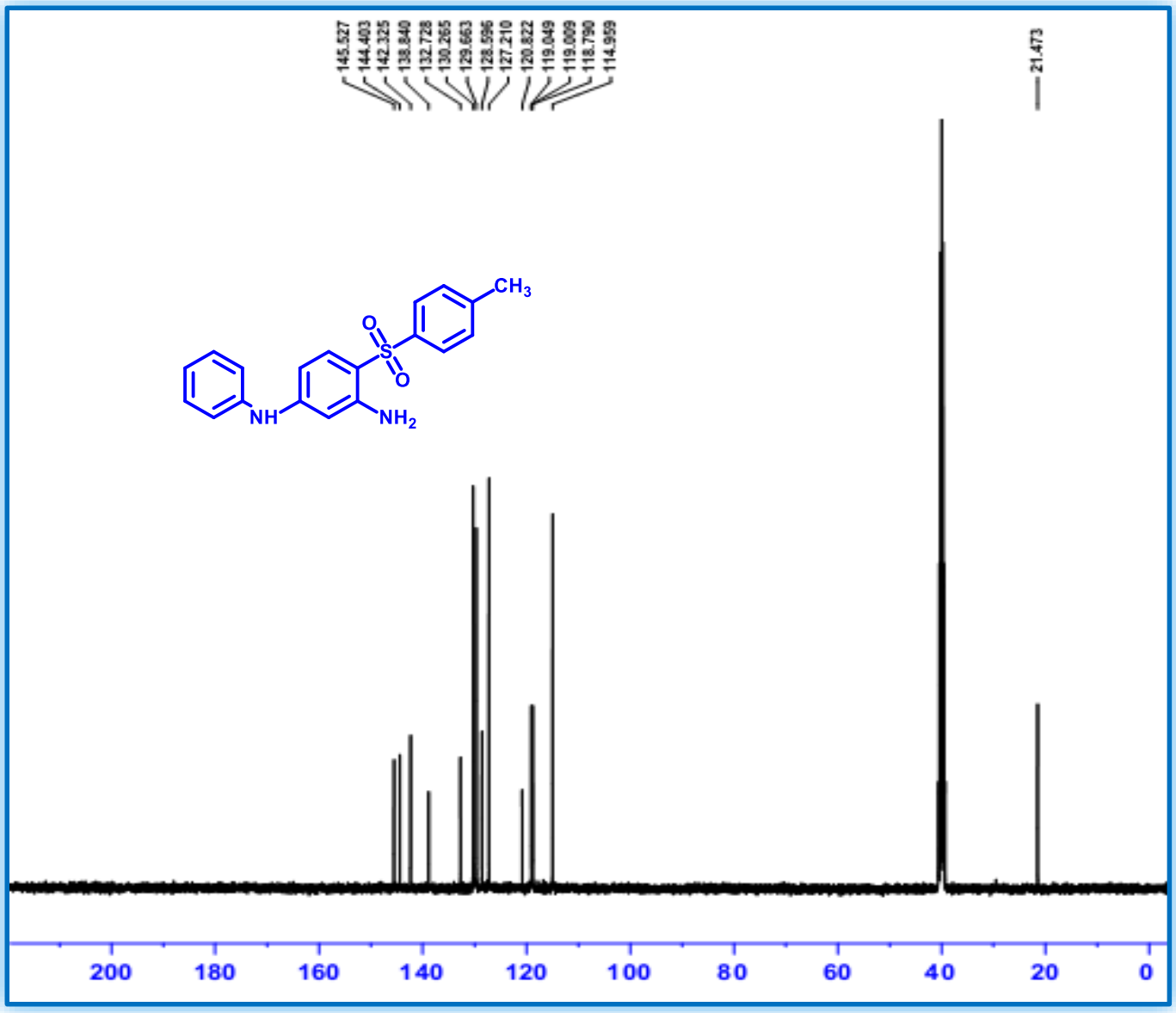
➢ ^{1}H NMR spectrum of 3a (with D_2O)



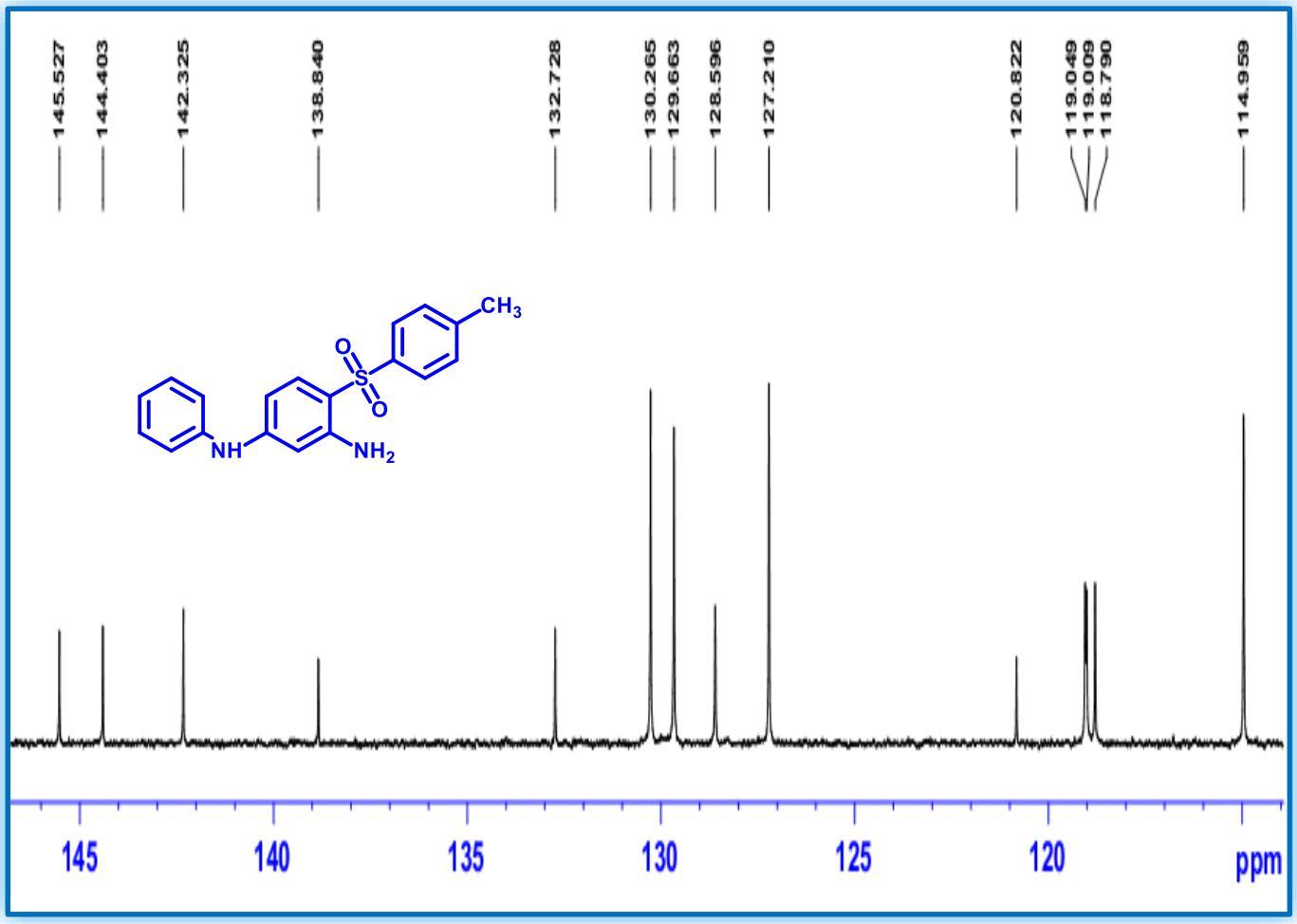
➢ ^{1}H NMR spectrum of 3a (with D_2O, expanded)



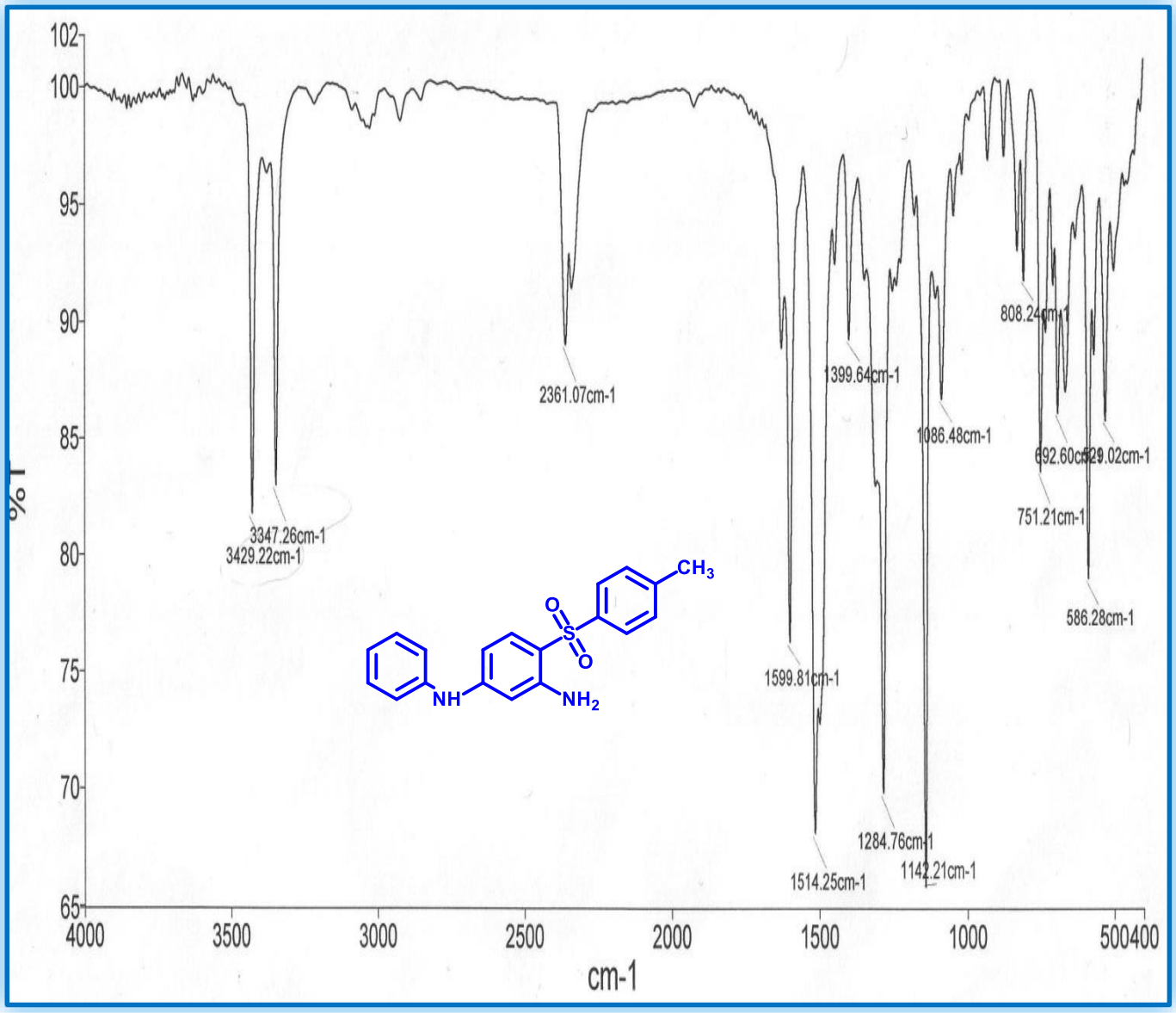
➢ ^{13}C NMR spectrum of 3a



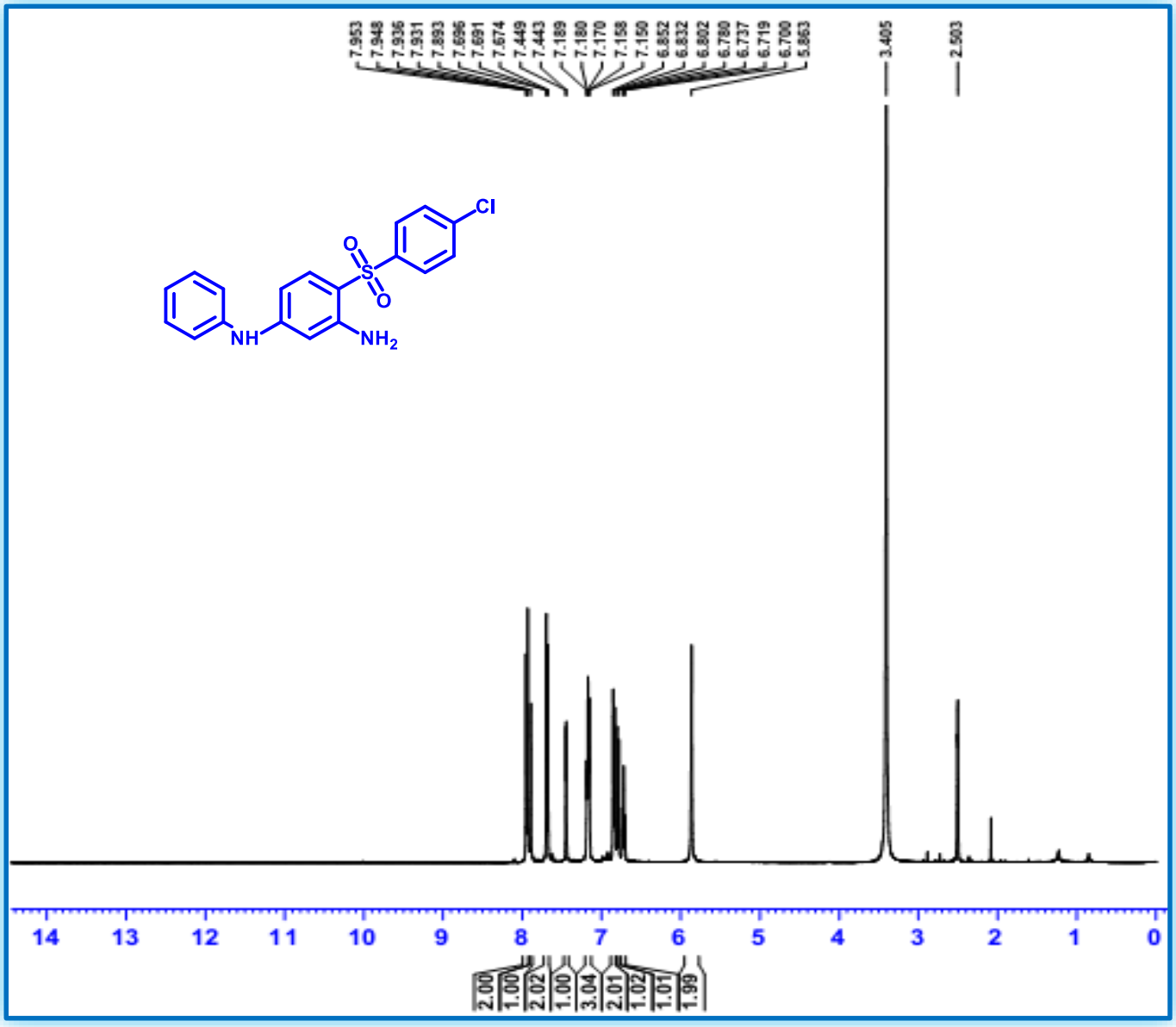
➢ ^{13}C NMR spectrum of 3a (expanded)



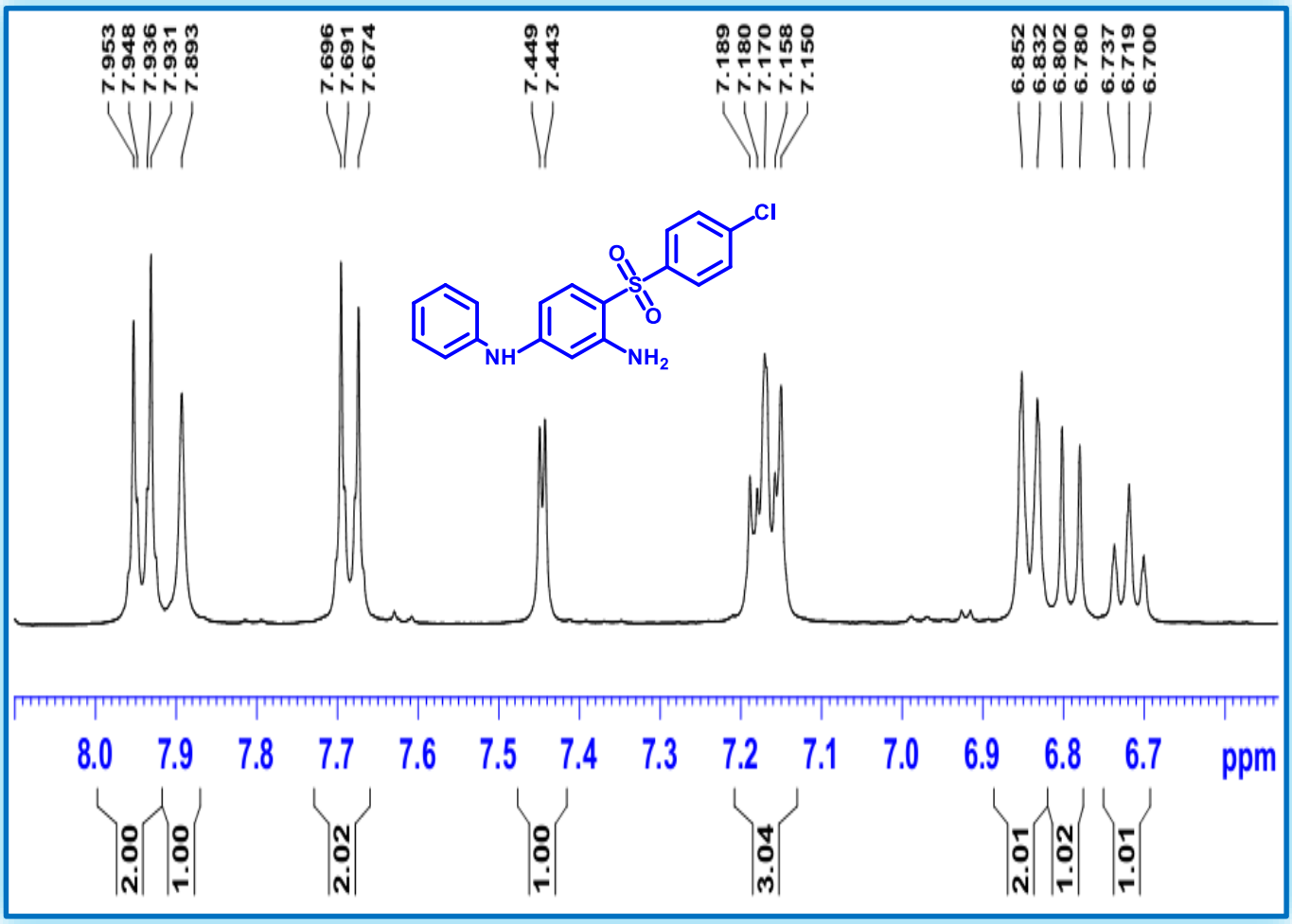
➢ FT-IR spectrum of 3a



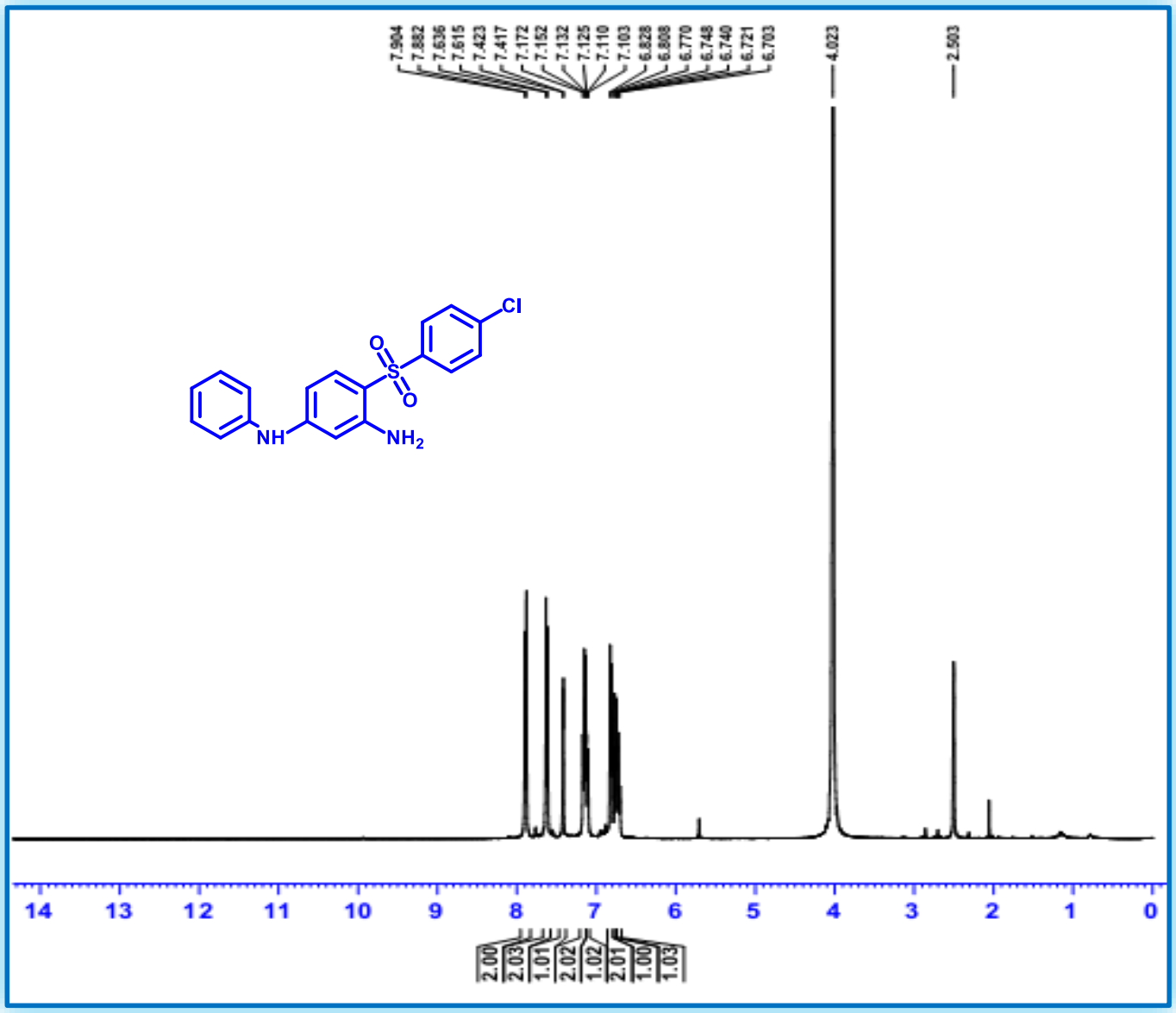
➢ ^{1}H NMR spectrum of 3b



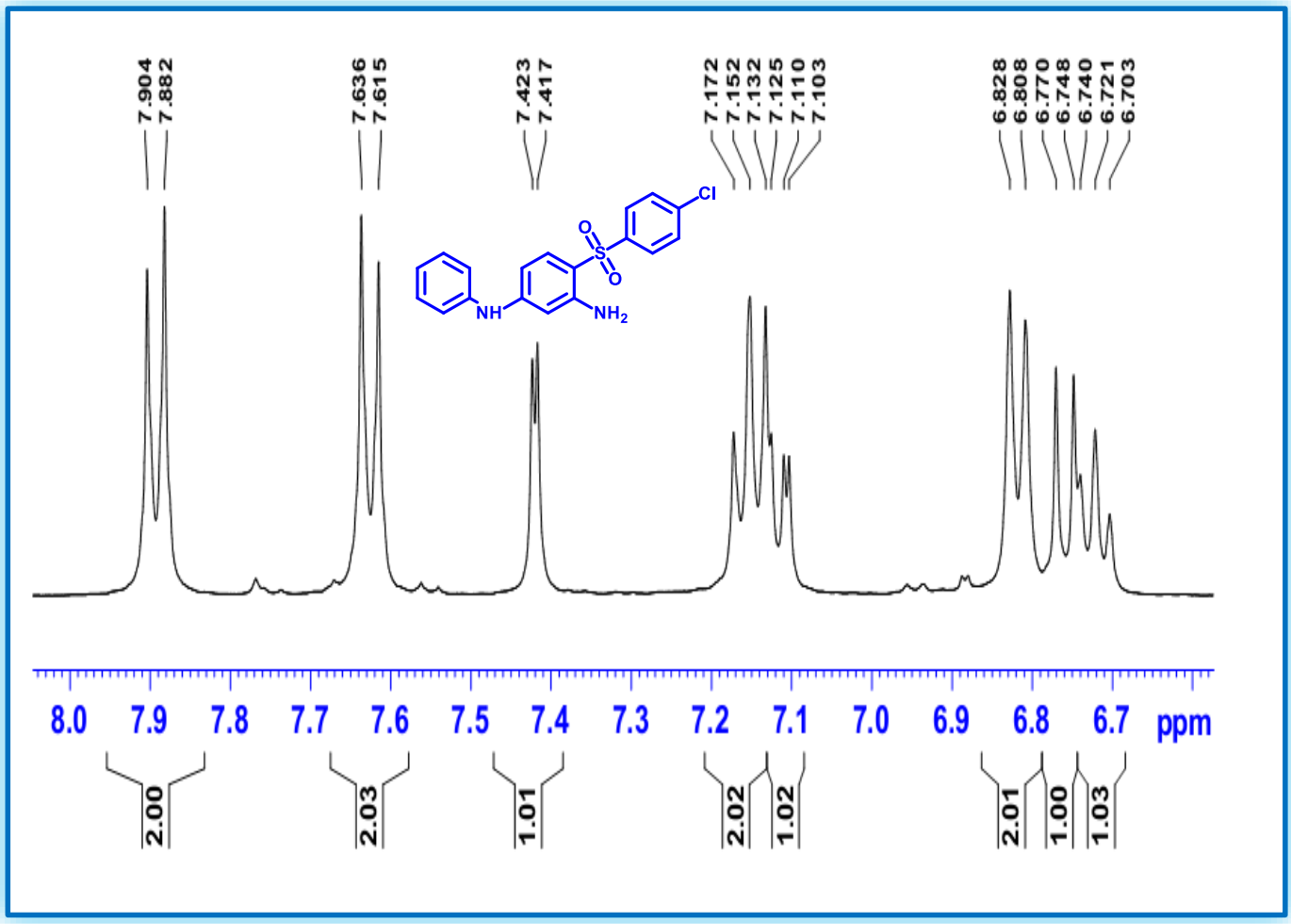
➢ ^{1}H NMR spectrum (expanded) of 3b



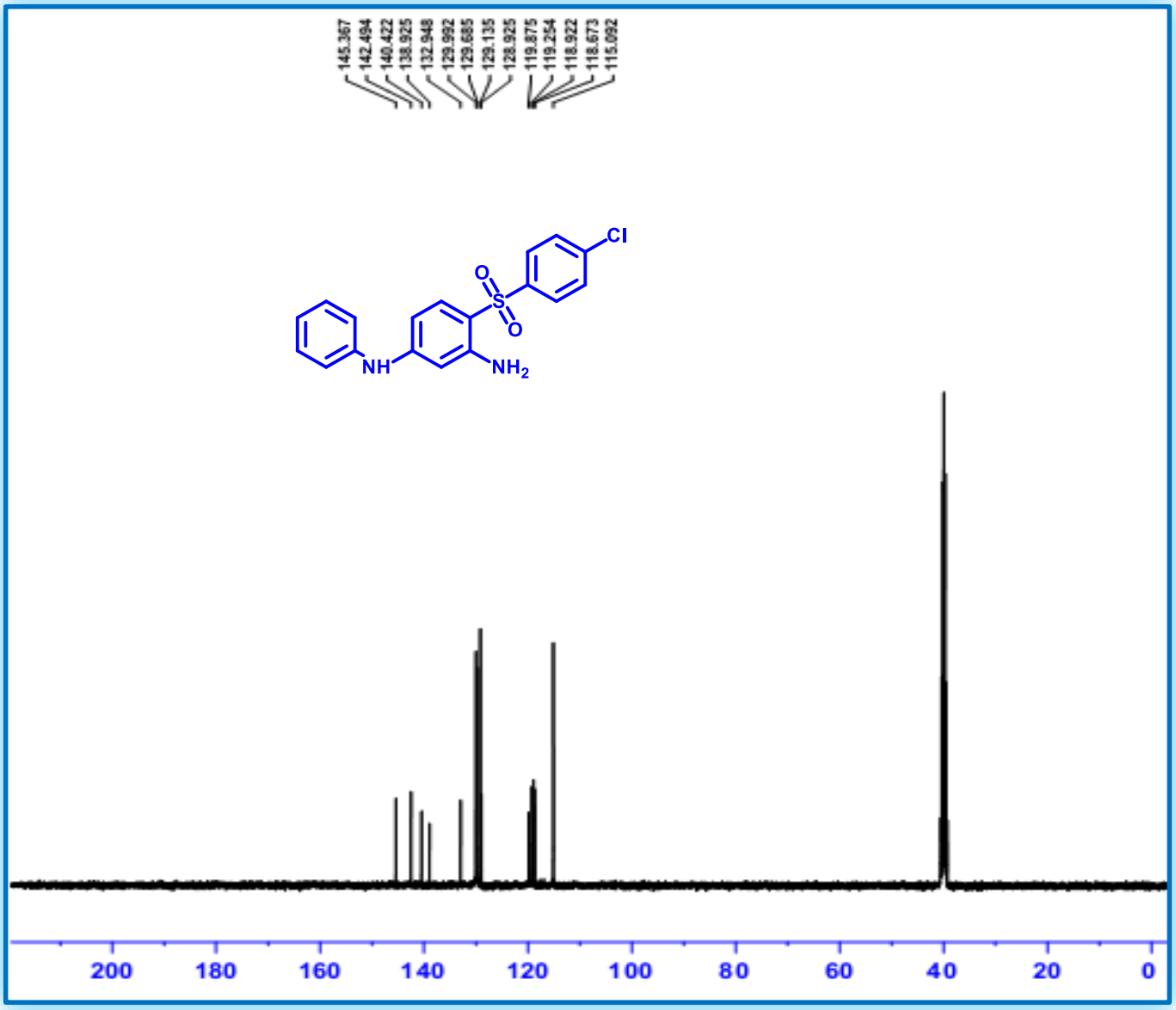
➢ ^{1}H NMR spectrum of 3b (with D_2O)



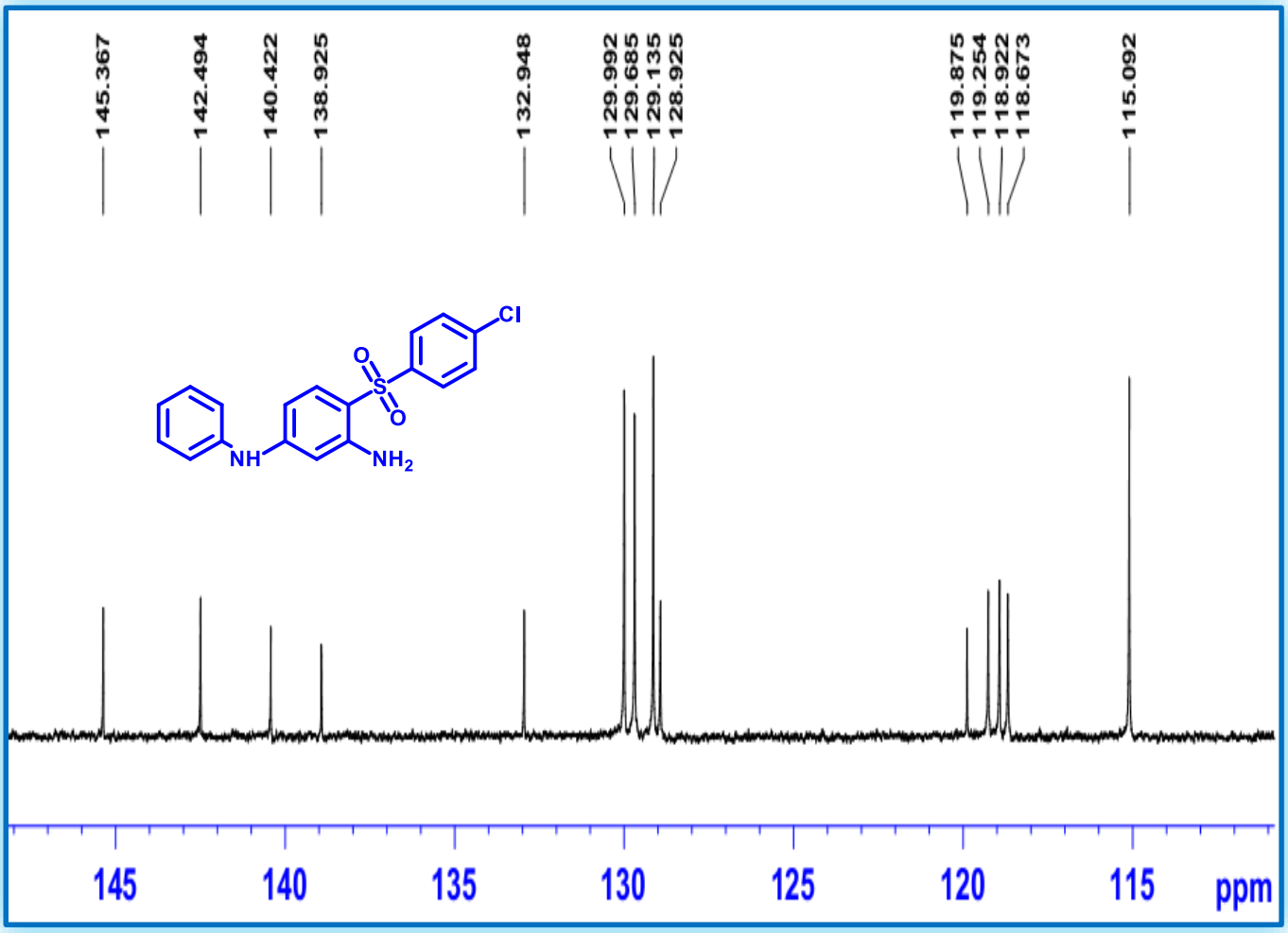
➢ ^{1}H NMR spectrum of 3b (with D_2O, expanded)



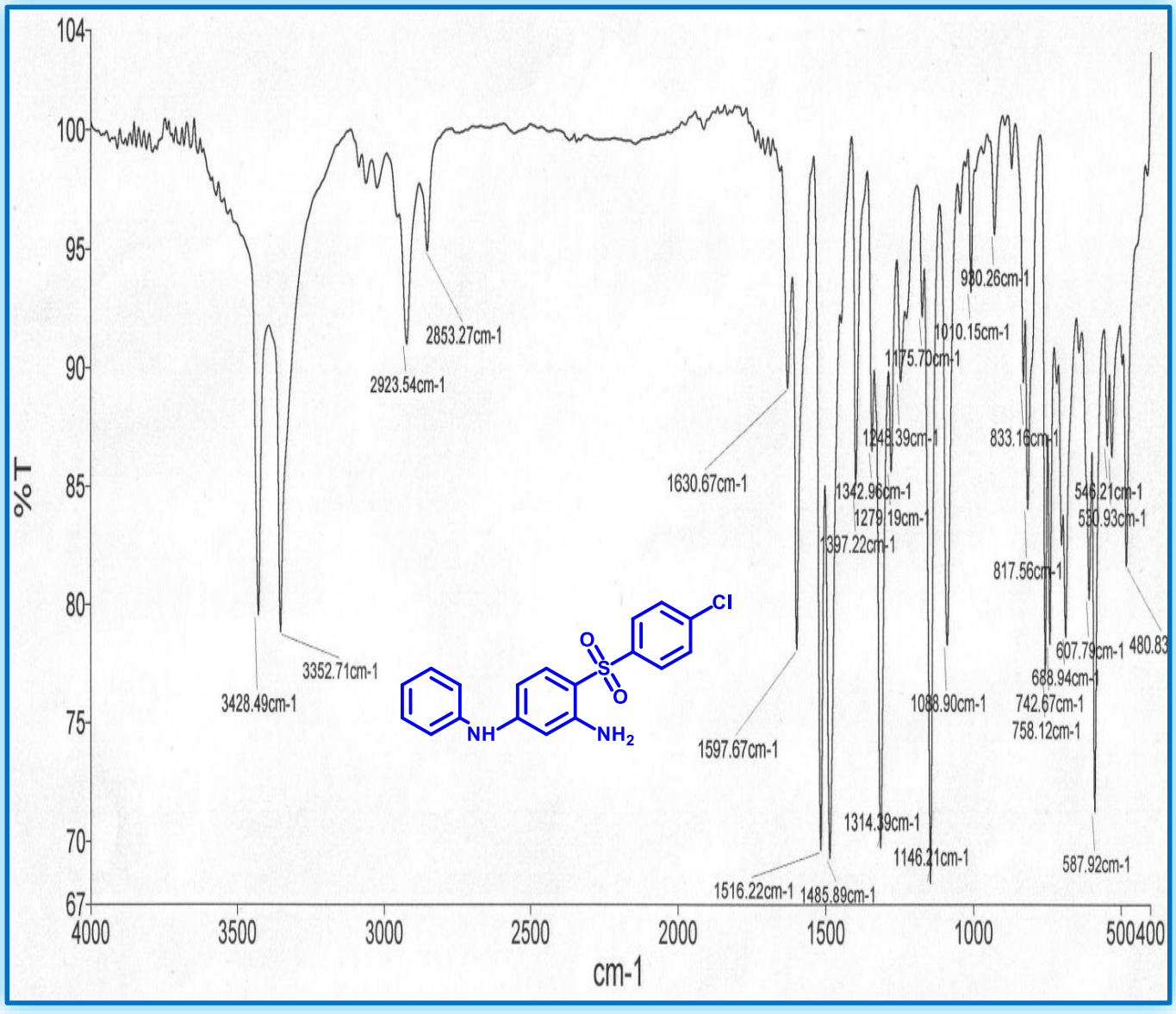
➢ ^{13}C NMR spectrum of 3b



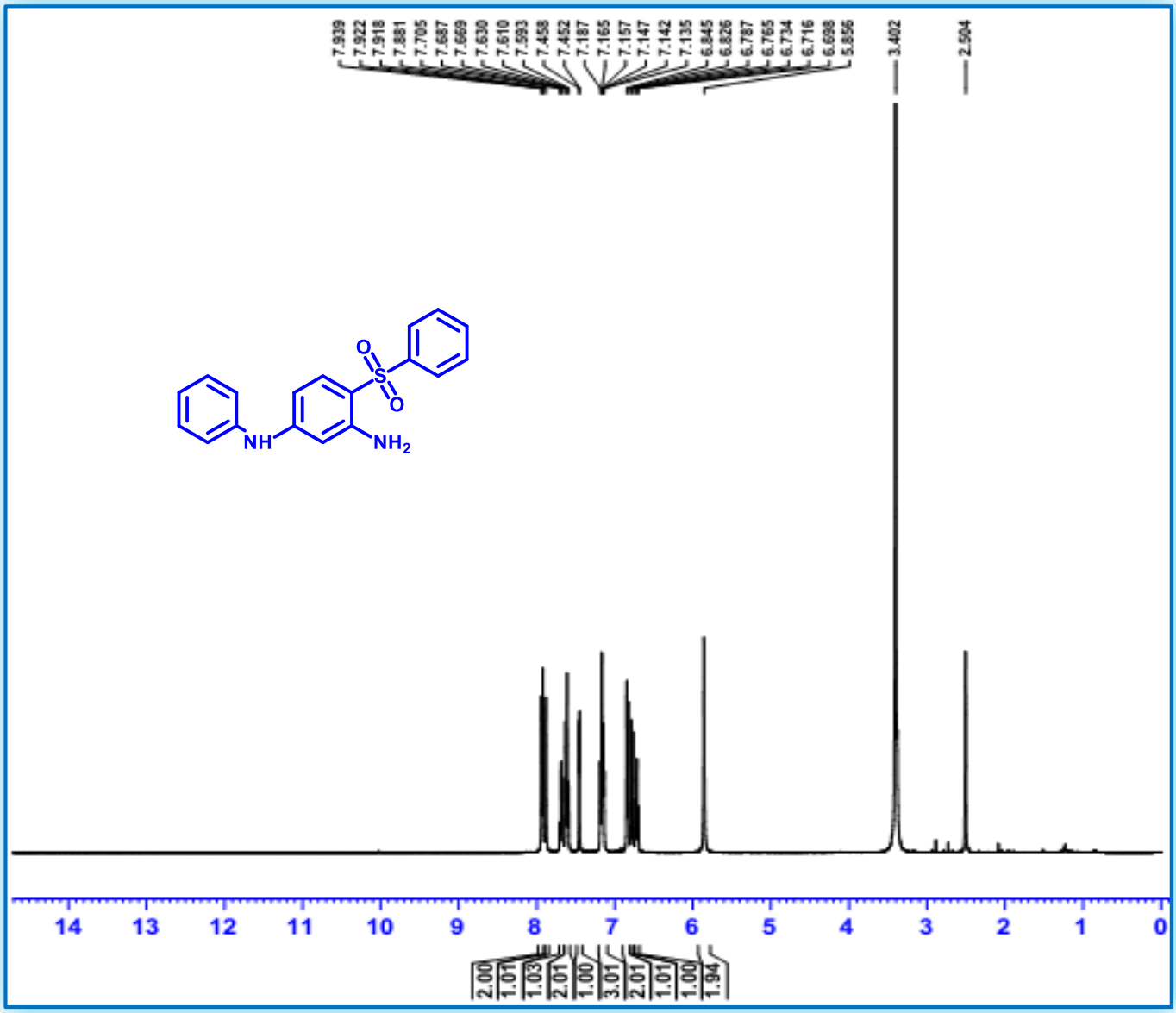
➢ ^{13}C NMR spectrum of 3b (expanded)



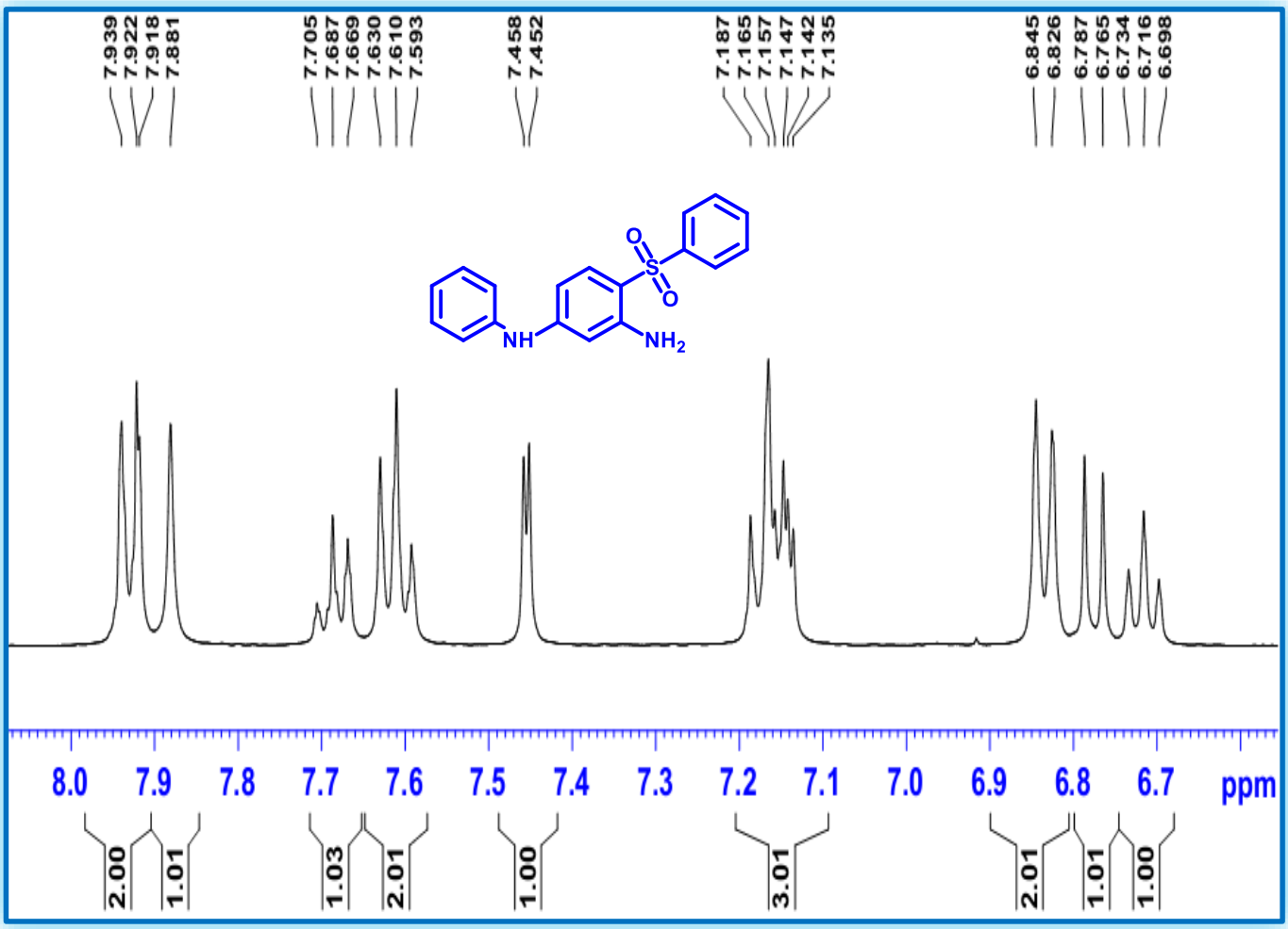
➢ FT-IR spectrum of 3b



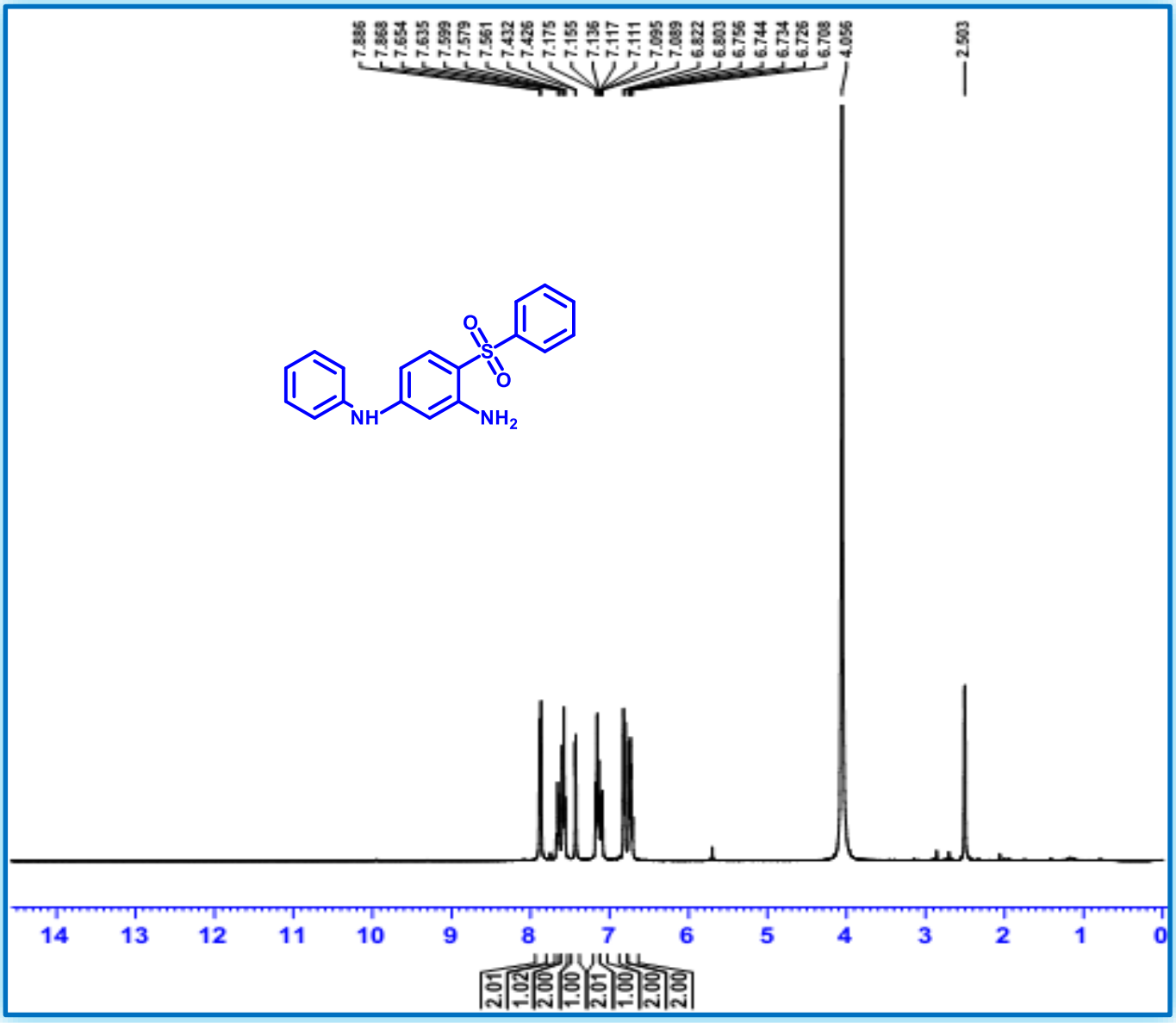
➢ ^{1}H NMR spectrum of 3c



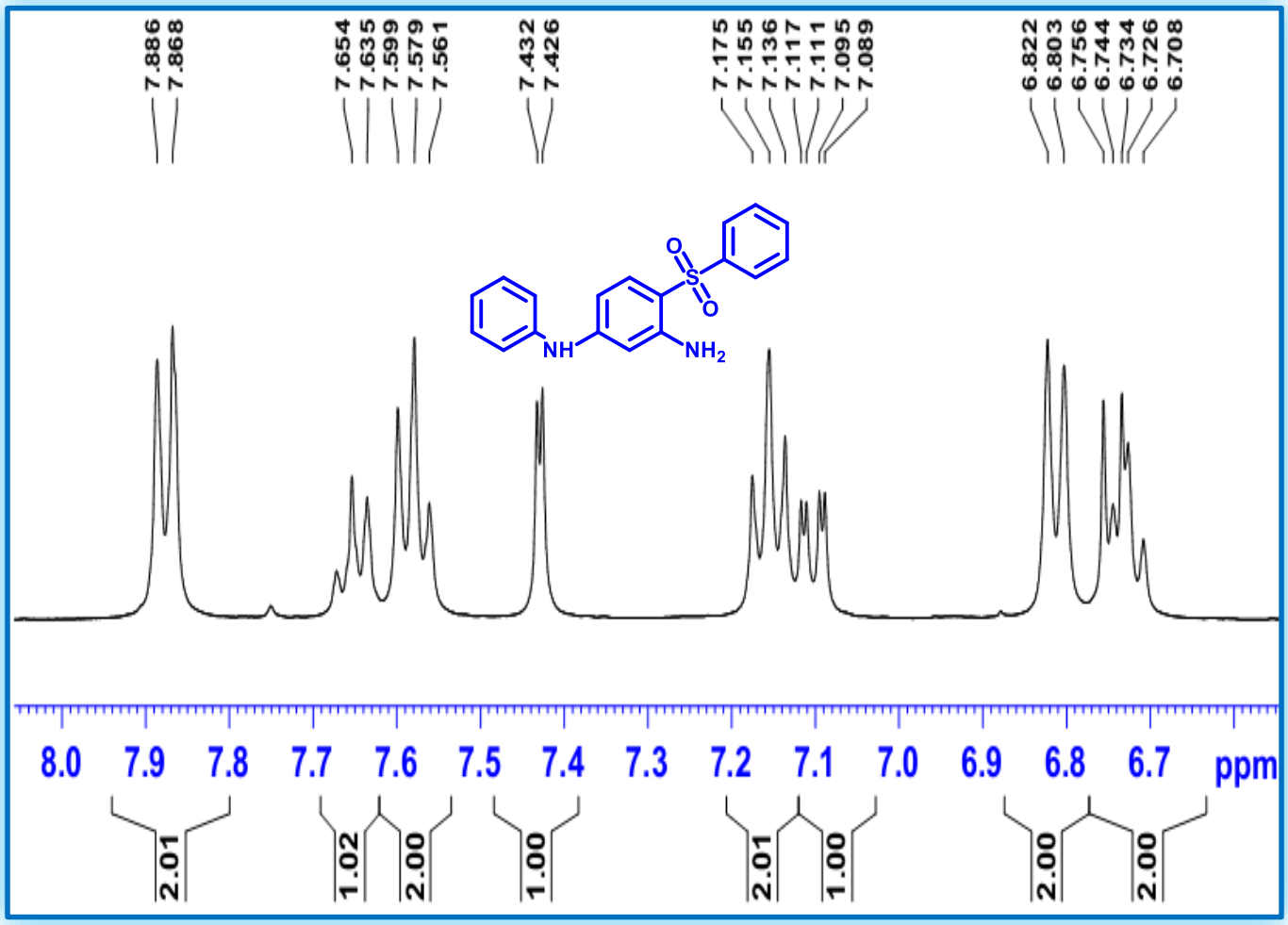
➢ ^{1}H NMR spectrum of 3c (expanded)



➢ ^{1}H NMR spectrum of 3c (with D_2O)



➢ ^{1}H NMR spectrum of 3c (with D_2O-expanded)



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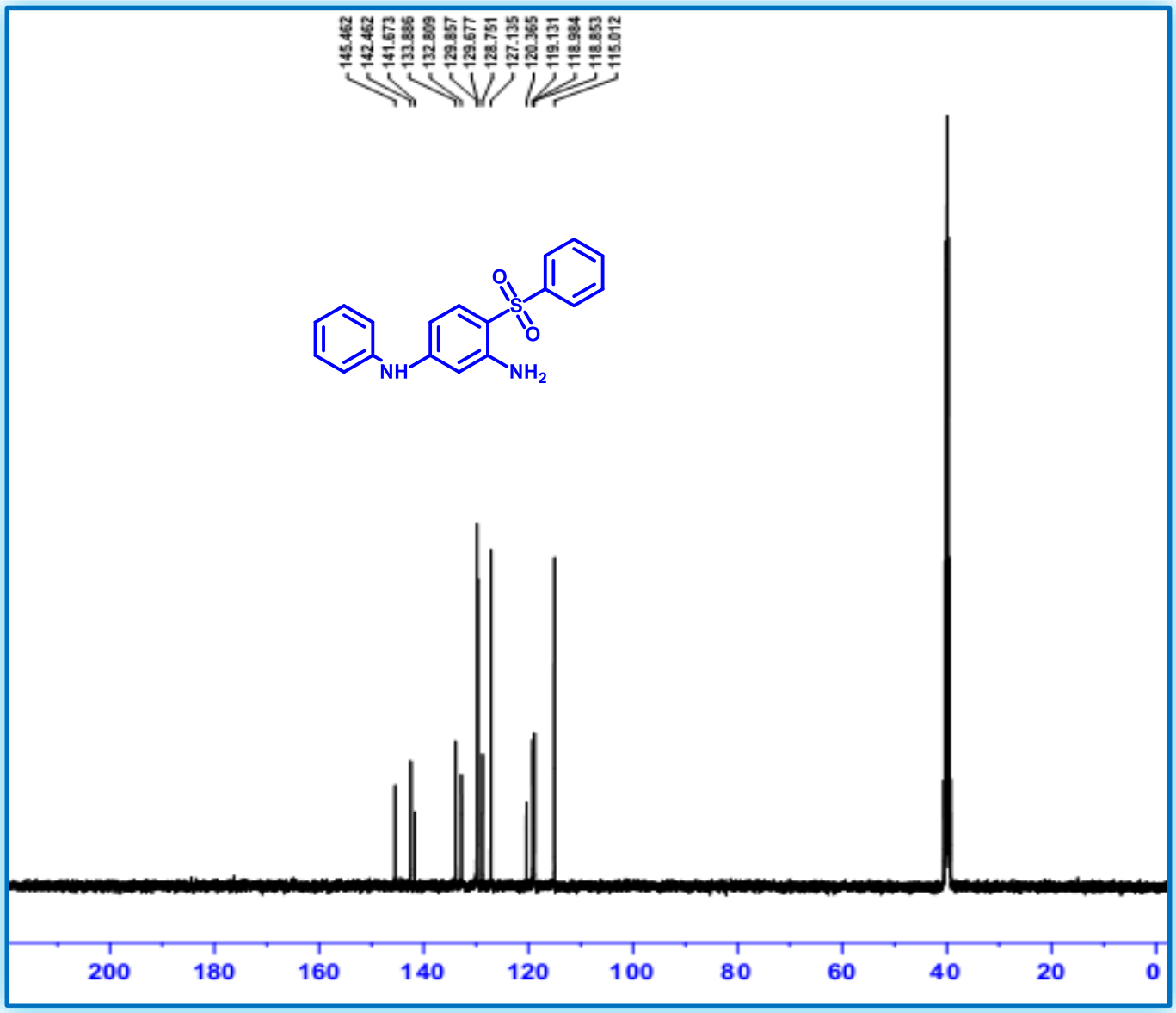
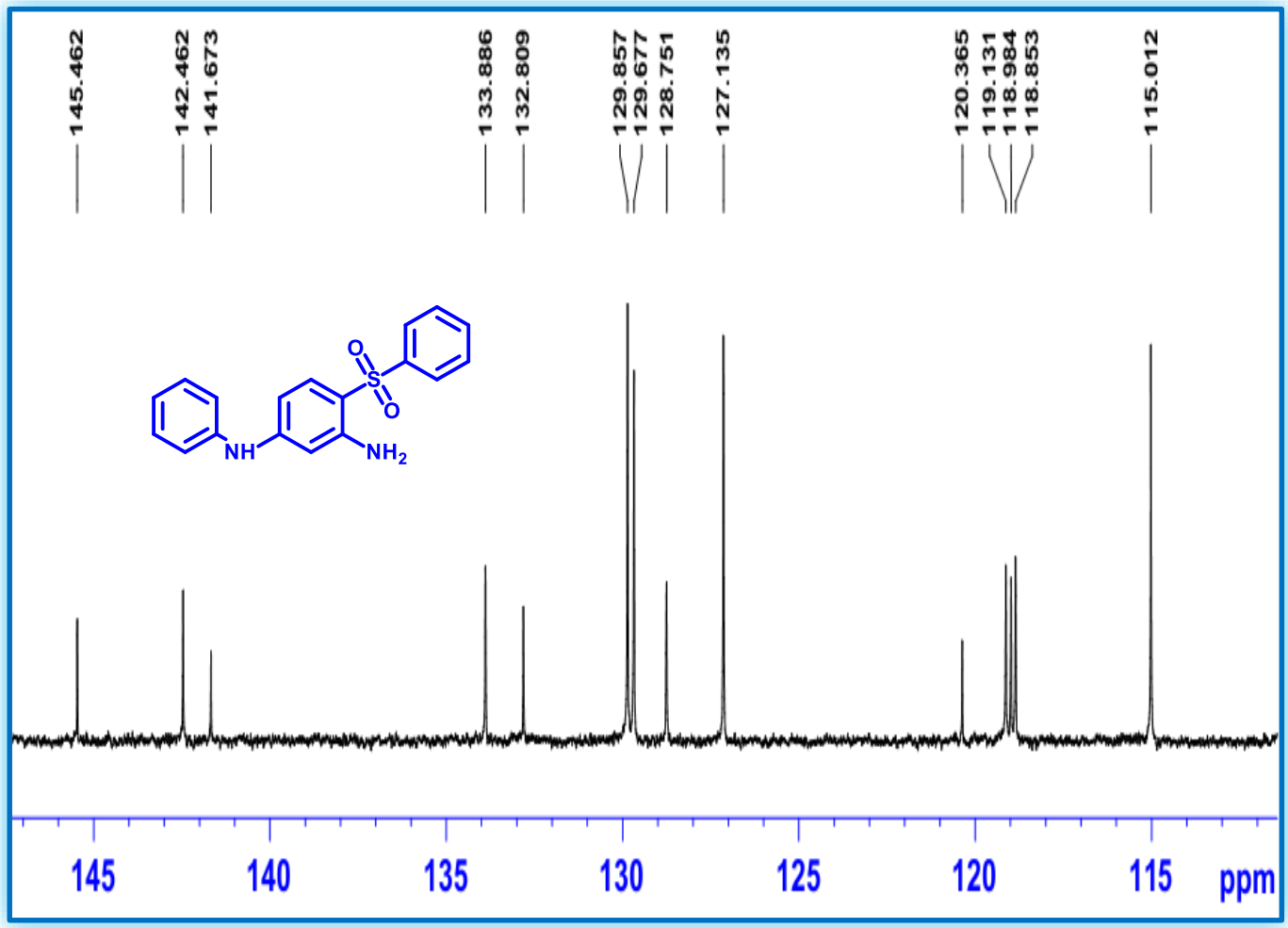
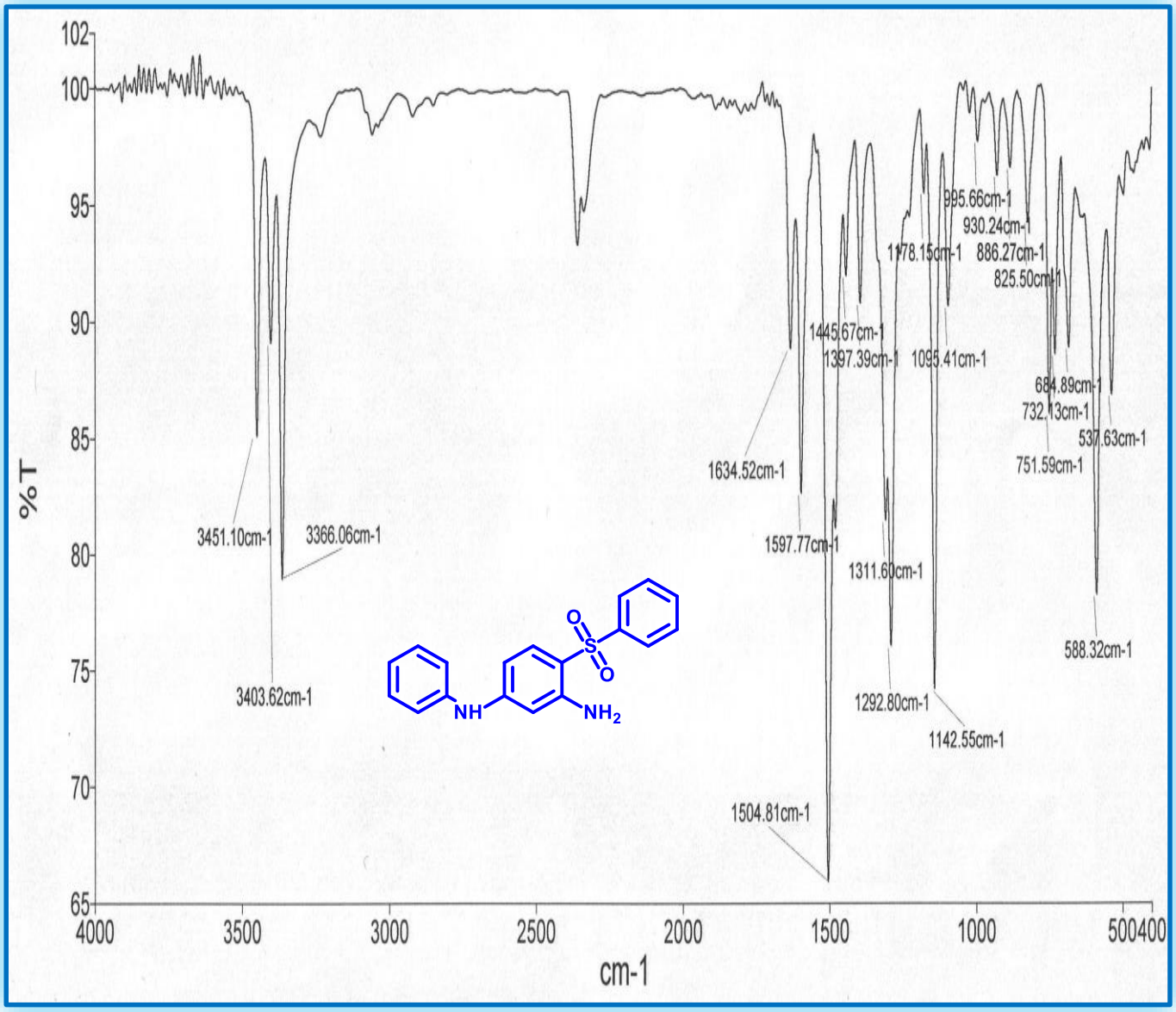


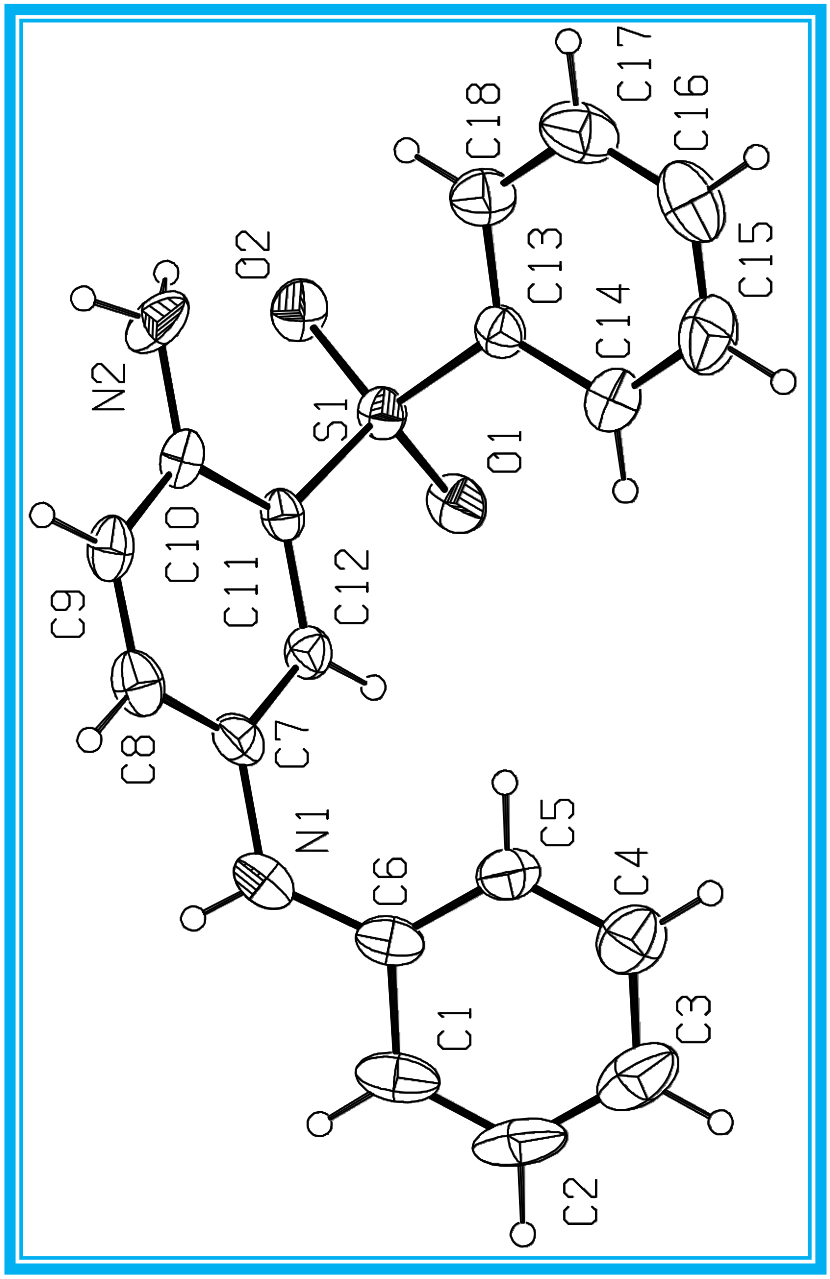
➢ ^{13}C NMR spectrum of 3c (expanded)



➢ FT-IR spectrum of 3c



➢ ORTEP view of X-ray crystal structure of 3c



4ADPA-sulfinic crystal- khavasi

Dear Depositor,

Thank you for depositing your crystal structure(s) at the Cambridge Crystallographic Data Centre. The data have been assigned to the following deposition numbers.

CCDC 1019143

Summary of Data CCDC 1019143

Compound Name:
Formula: C18 H16 N2 O2 S1
Unit Cell Parameters: a 7.4296(5) b 19.375(2) c 22.6760(18) Pbna
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If we have any queries relating to the data then we will contact you later.

Data submitted as a Private Communication will be processed and added to the Cambridge Structural Database (CSD).

Please note, if the data have not appeared in a journal publication 1 year after the date of deposition, and the CCDC cannot contact you to discuss the matter, then the CCDC will automatically include the data
in the CSD as a Private Communication.

Kind regards,
Data Acquisition Team