

Supplementary Material

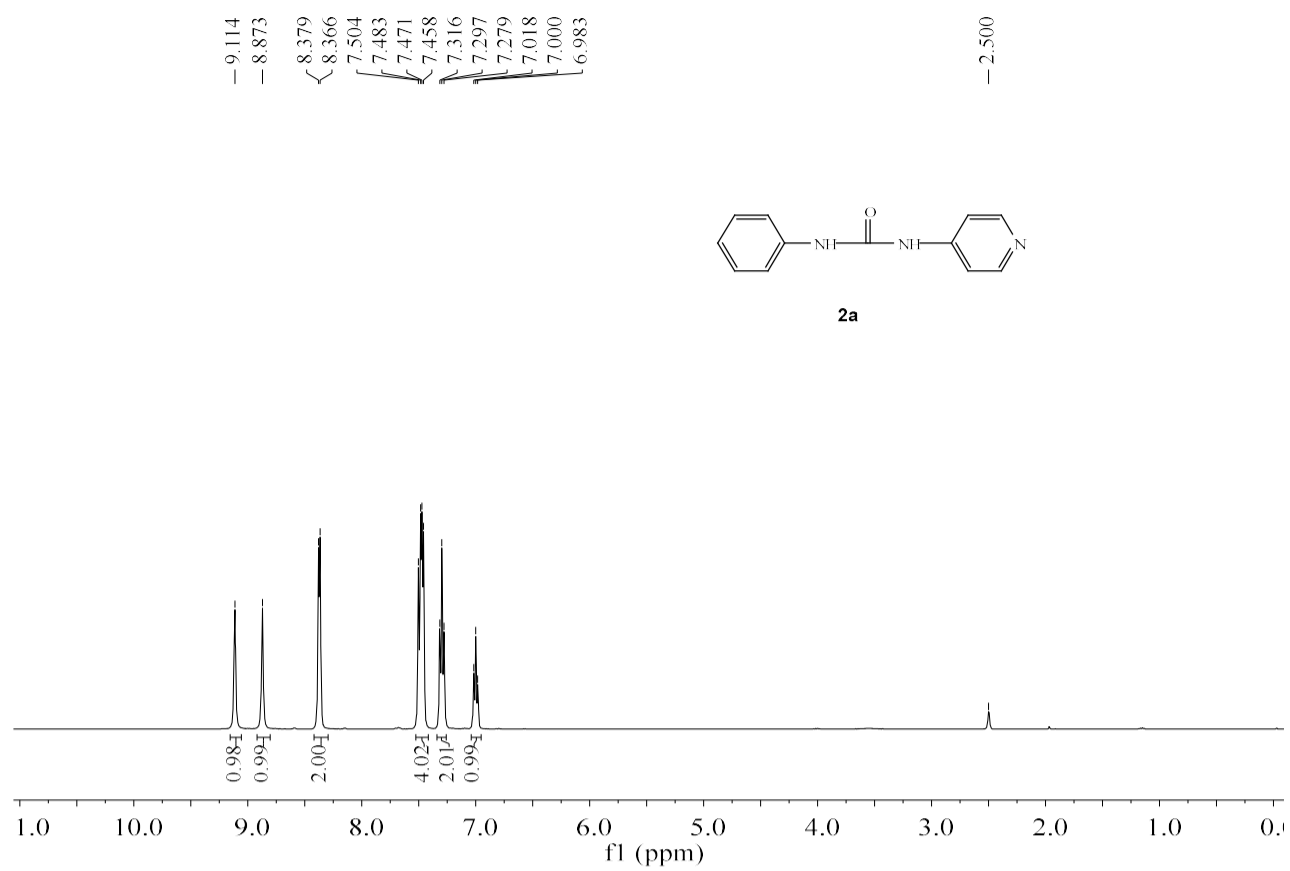
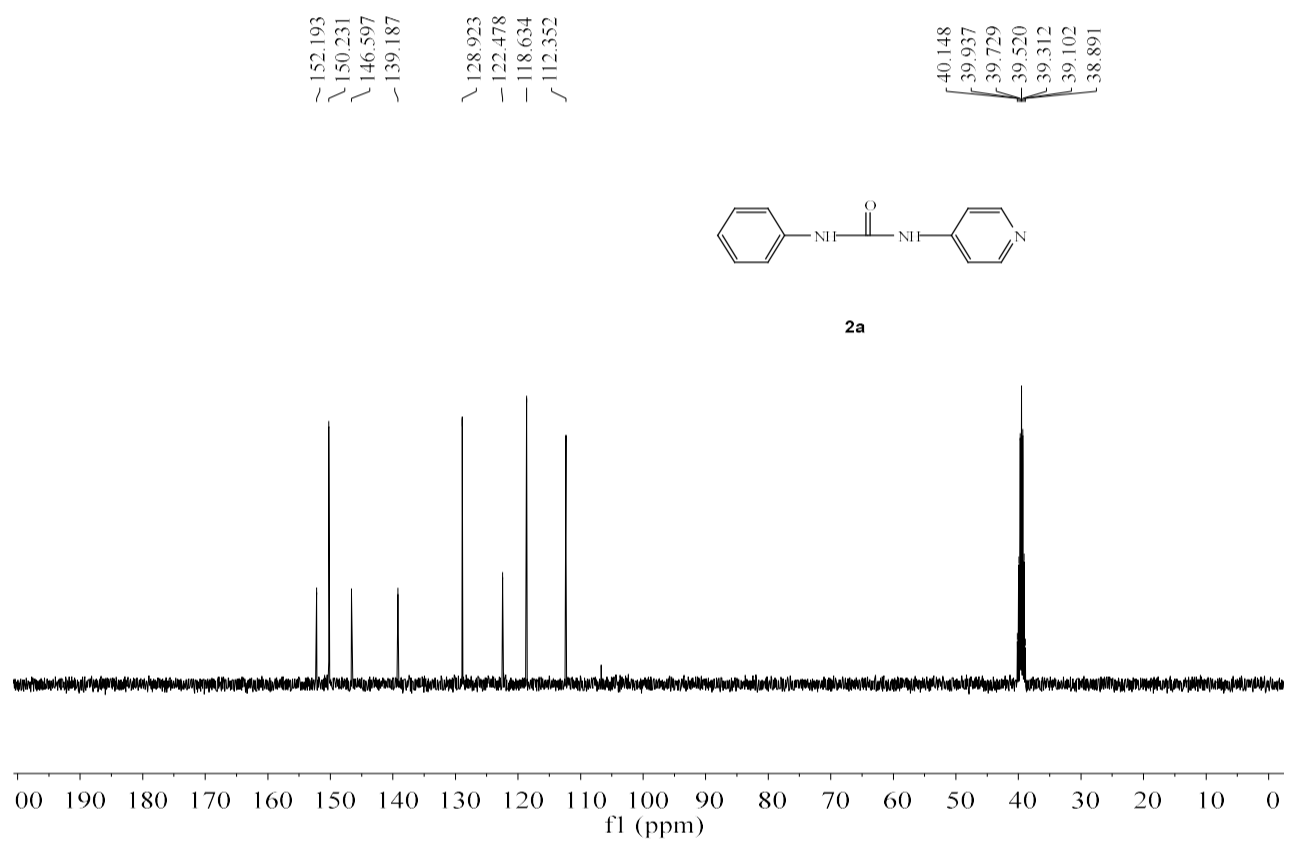
**Phosgene-free synthesis of *N*-aryl-*N'*-(4-pyridinyl)ureas
via selenium-catalyzed oxidative carbonylation of 4-aminopyridine with aromatic
amines**

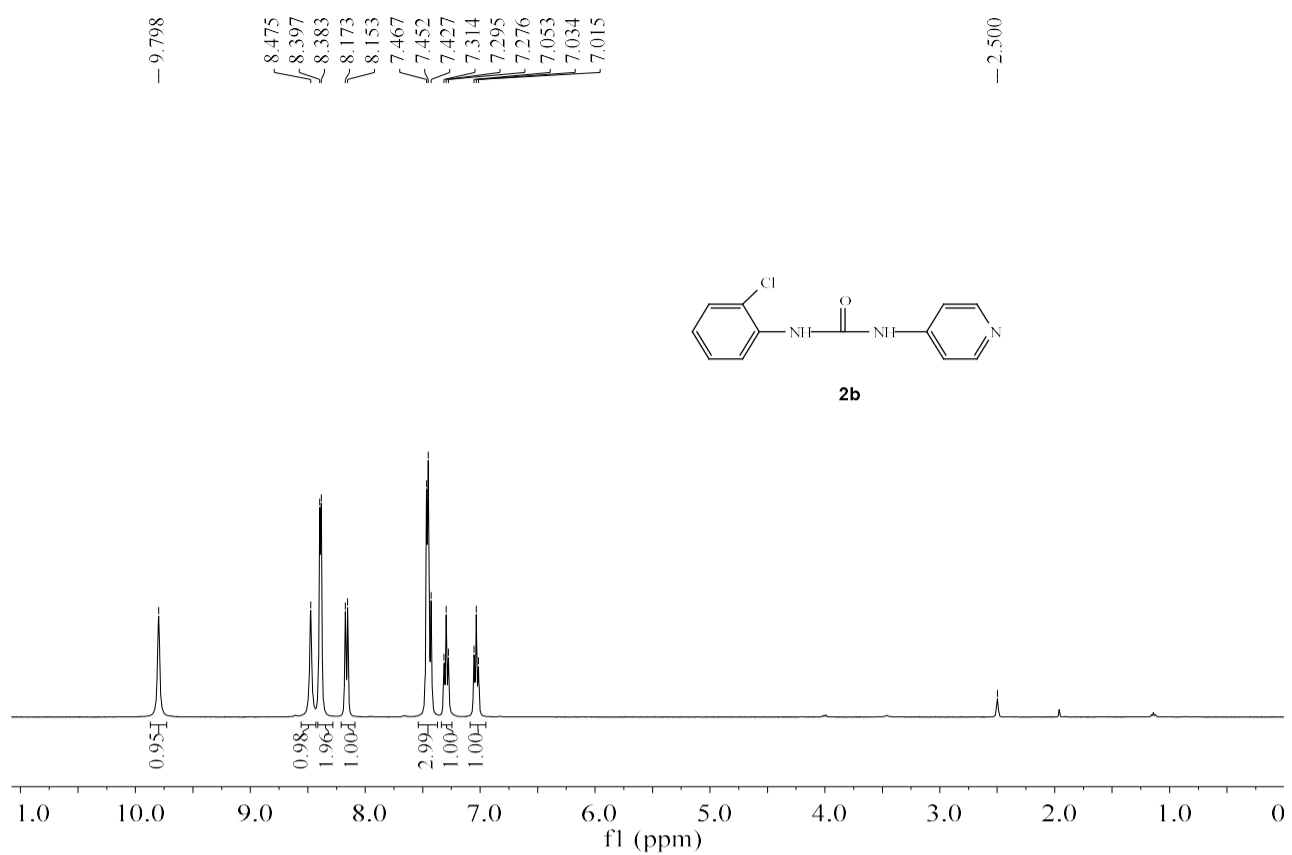
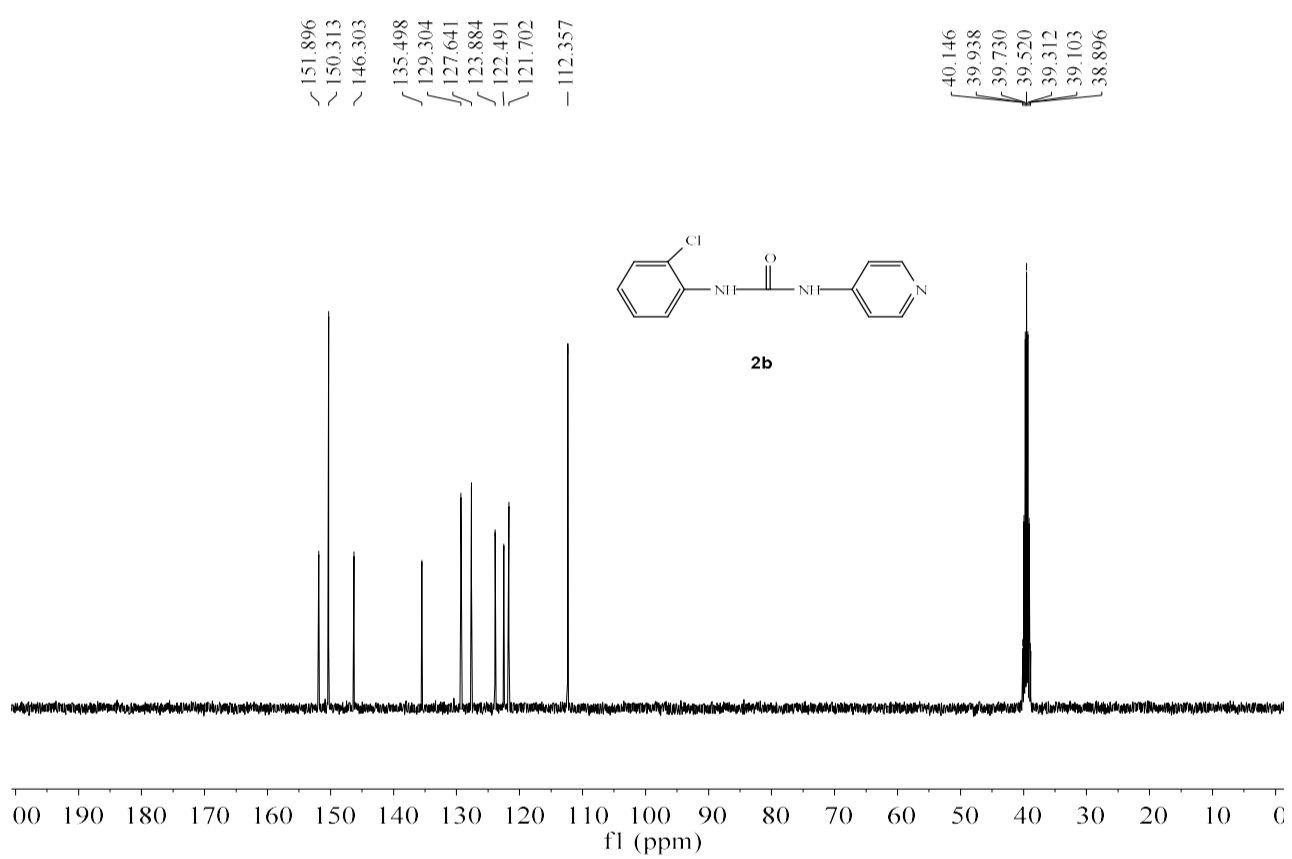
**Xiaopeng Zhang,* Zhengwei Li, Yan Wang, Shuxiang Dong,
Xueli Niu, and Guisheng Zhang***

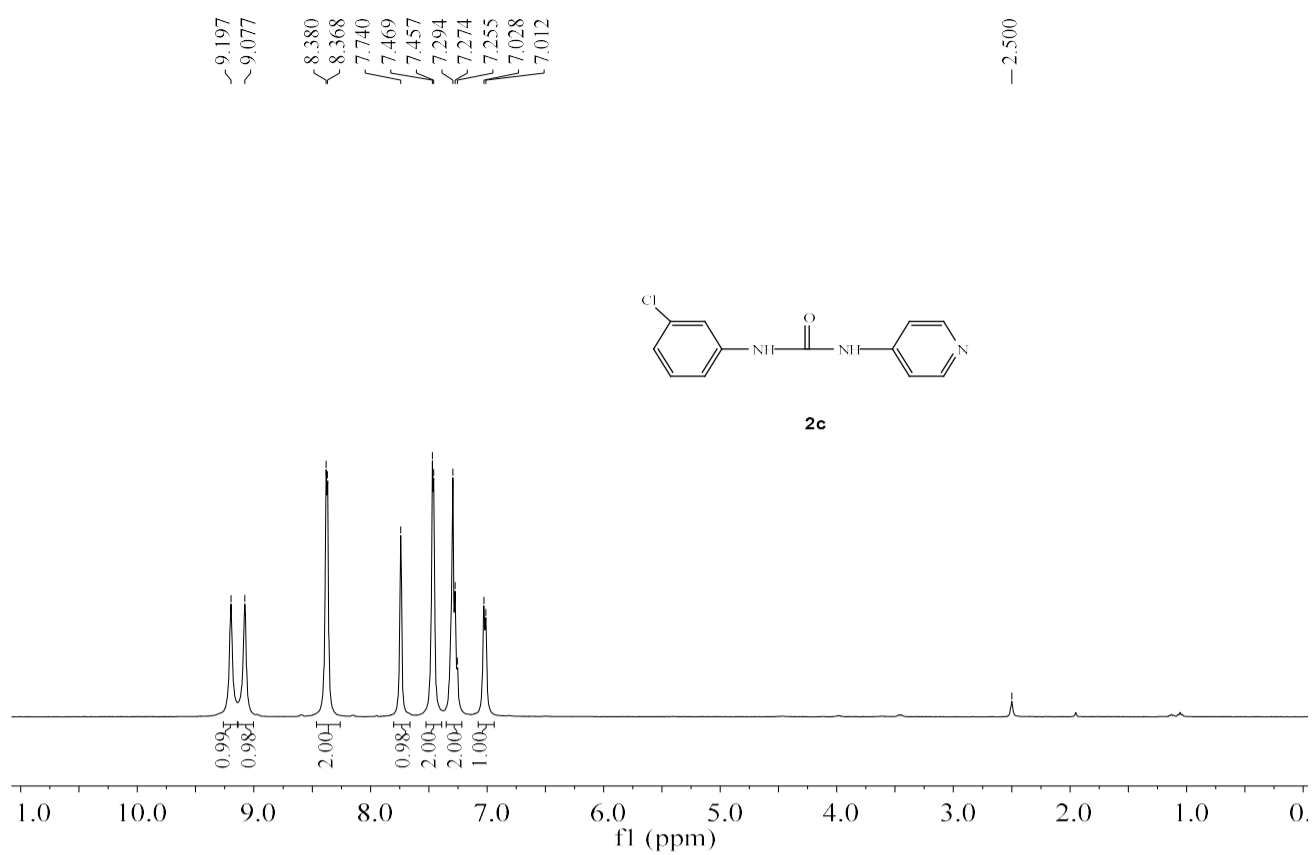
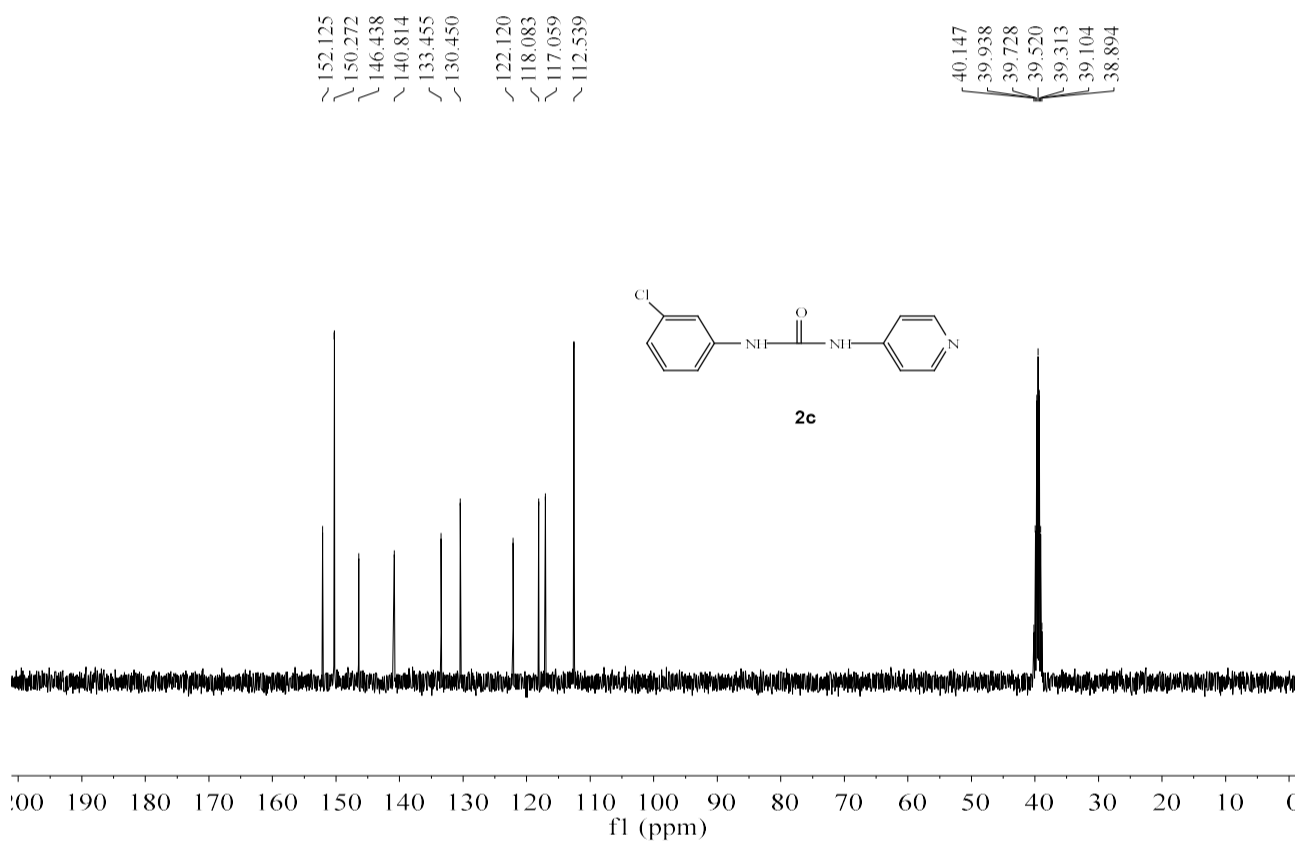
*Collaborative Innovation Center of Henan Province for Green Manufacturing of Fine Chemicals, Key
Laboratory of Green Chemical Media and Reactions, Ministry of Education, School of Chemistry and
Chemical Engineering, Henan Normal University, 46[#] Jianshe Road, Xinxiang 453 007, P. R. China
E-mail: zhangxiaopengv@sina.com, zgs@htu.cn*

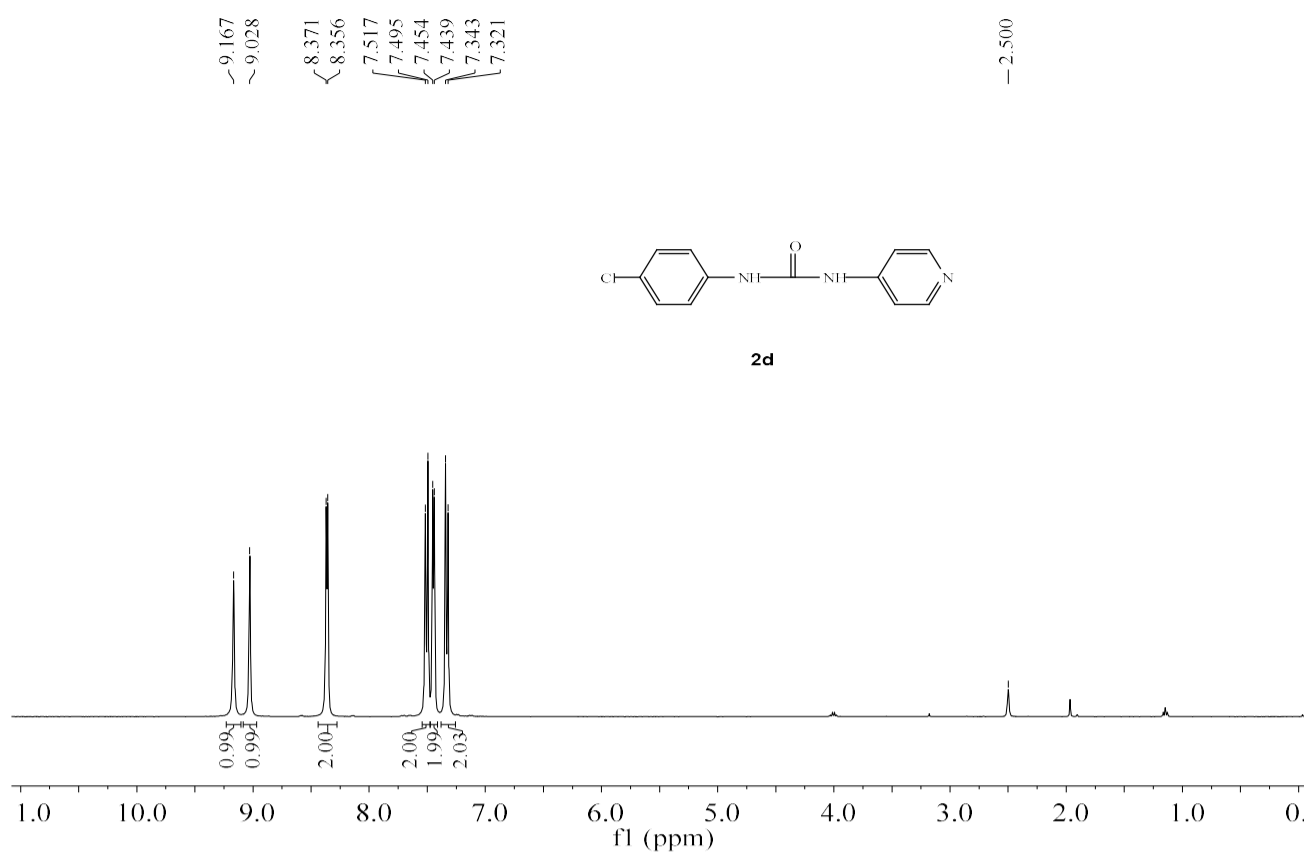
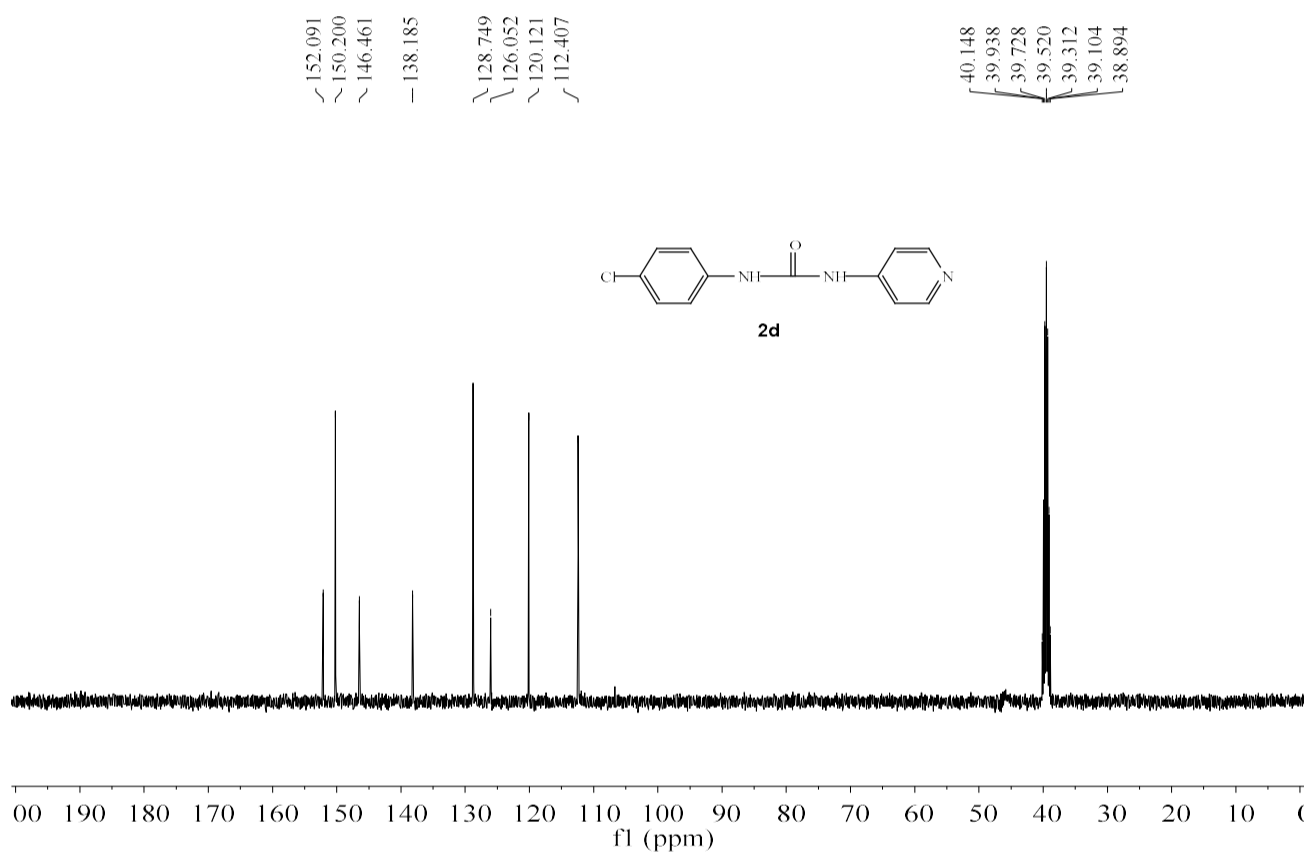
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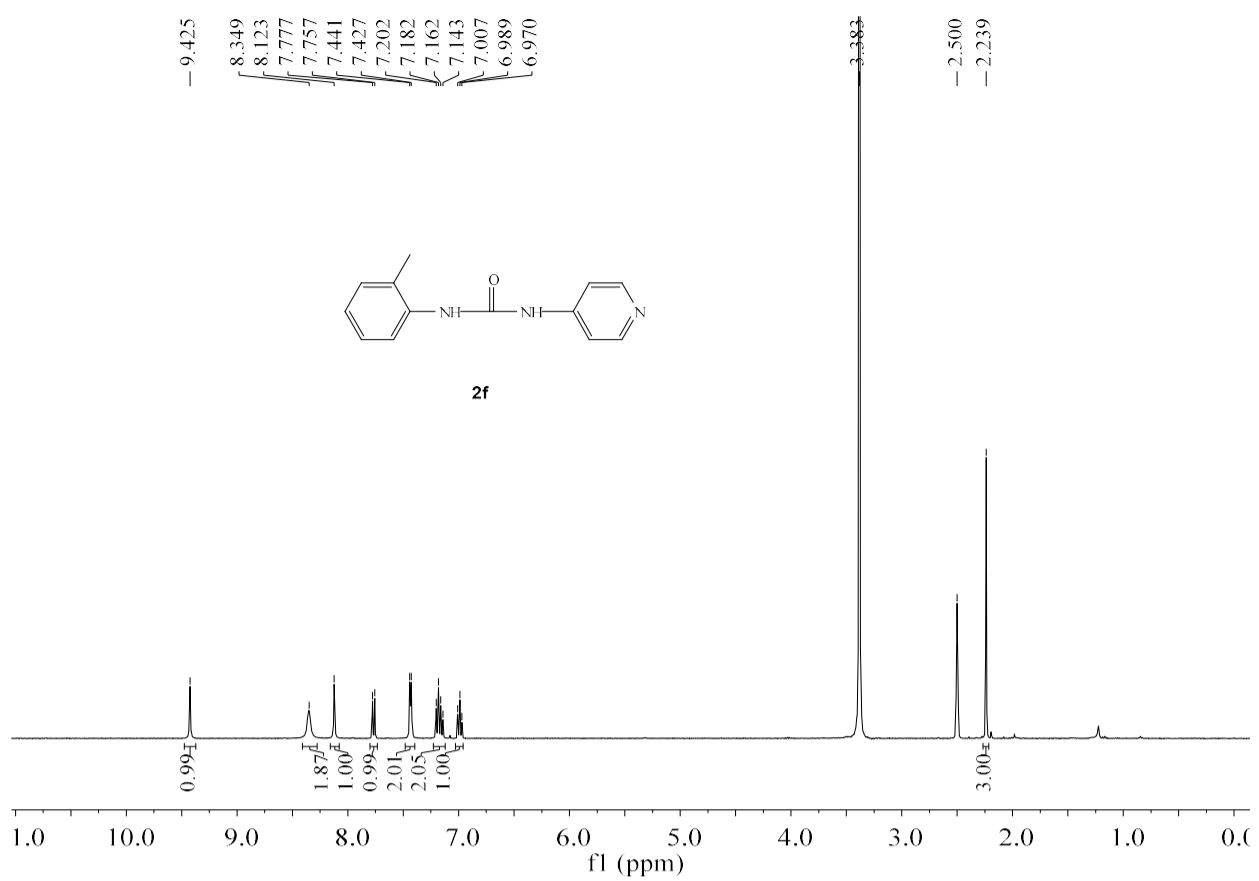
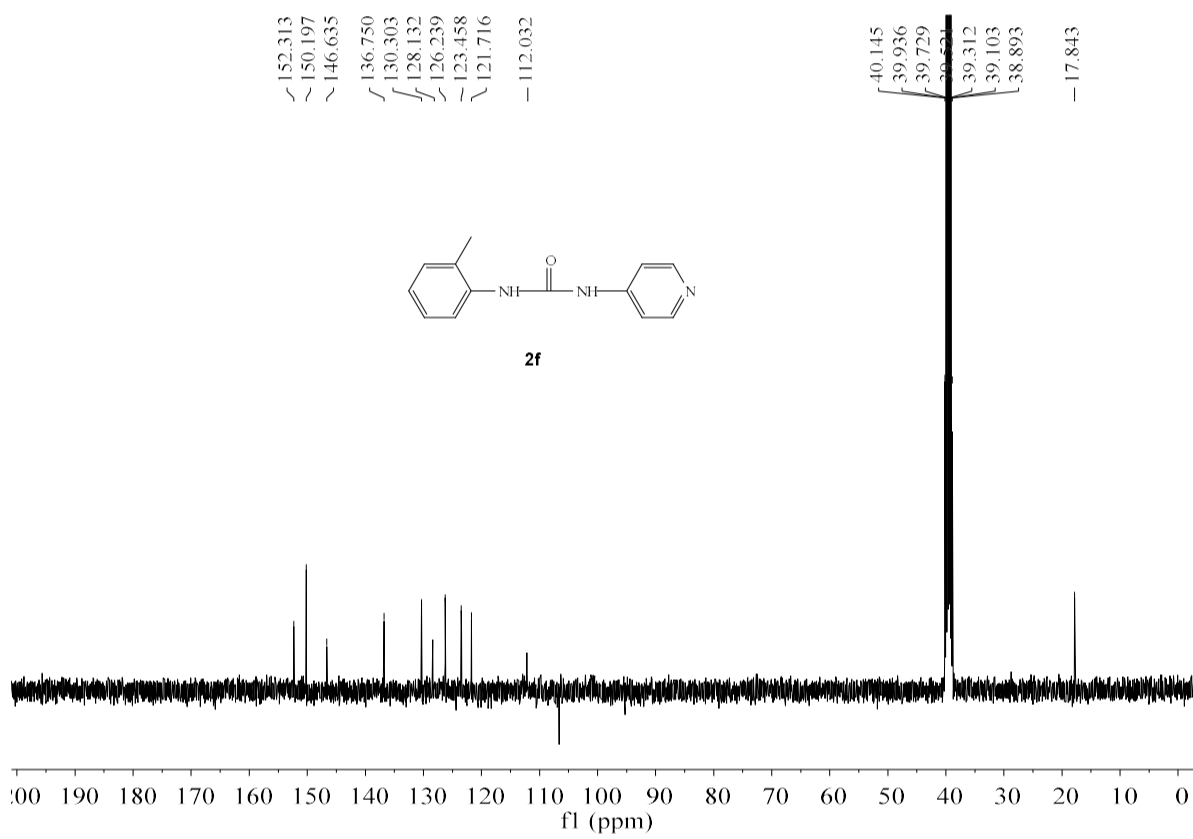
| | |
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| ¹ H NMR and ¹³ C NMR of 2a | S2 |
| ¹ H NMR and ¹³ C NMR of 2b | S3 |
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| ¹ H NMR and ¹³ C NMR of 2d | S5 |
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| ¹ H NMR and ¹³ C NMR of 2i | S9 |
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| ¹ H NMR and ¹³ C NMR of 2v | S20 |
| ¹ H NMR and ¹³ C NMR of 2w | S21 |

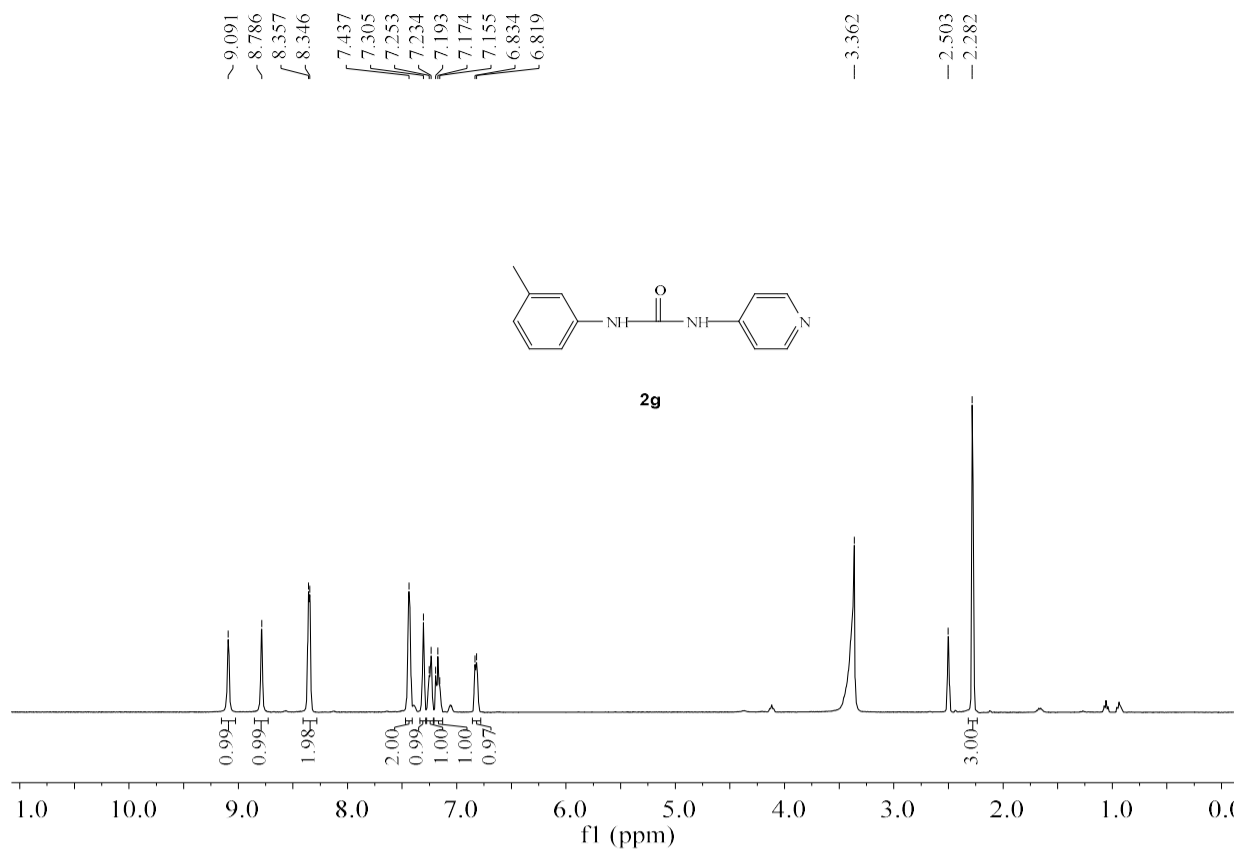
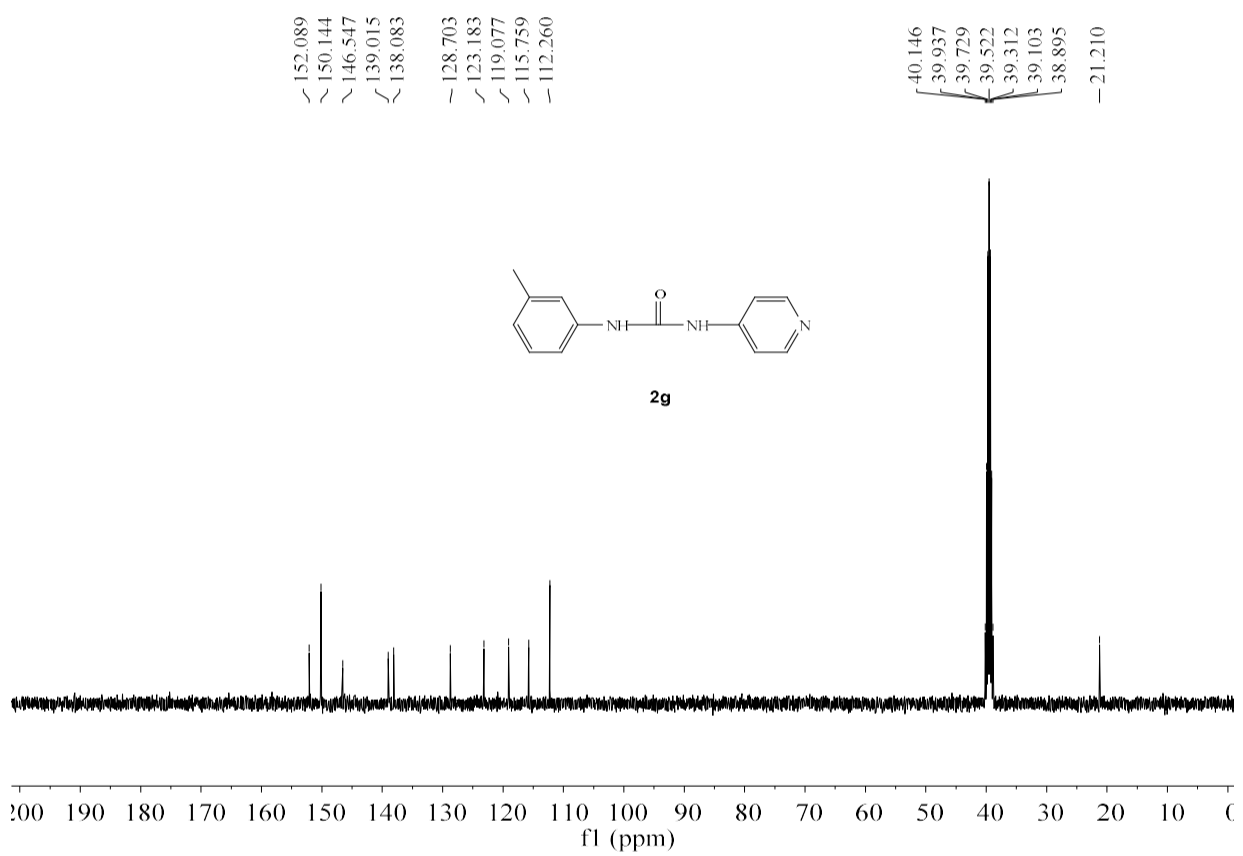
¹H NMR of **2a**¹³C NMR of **2a**

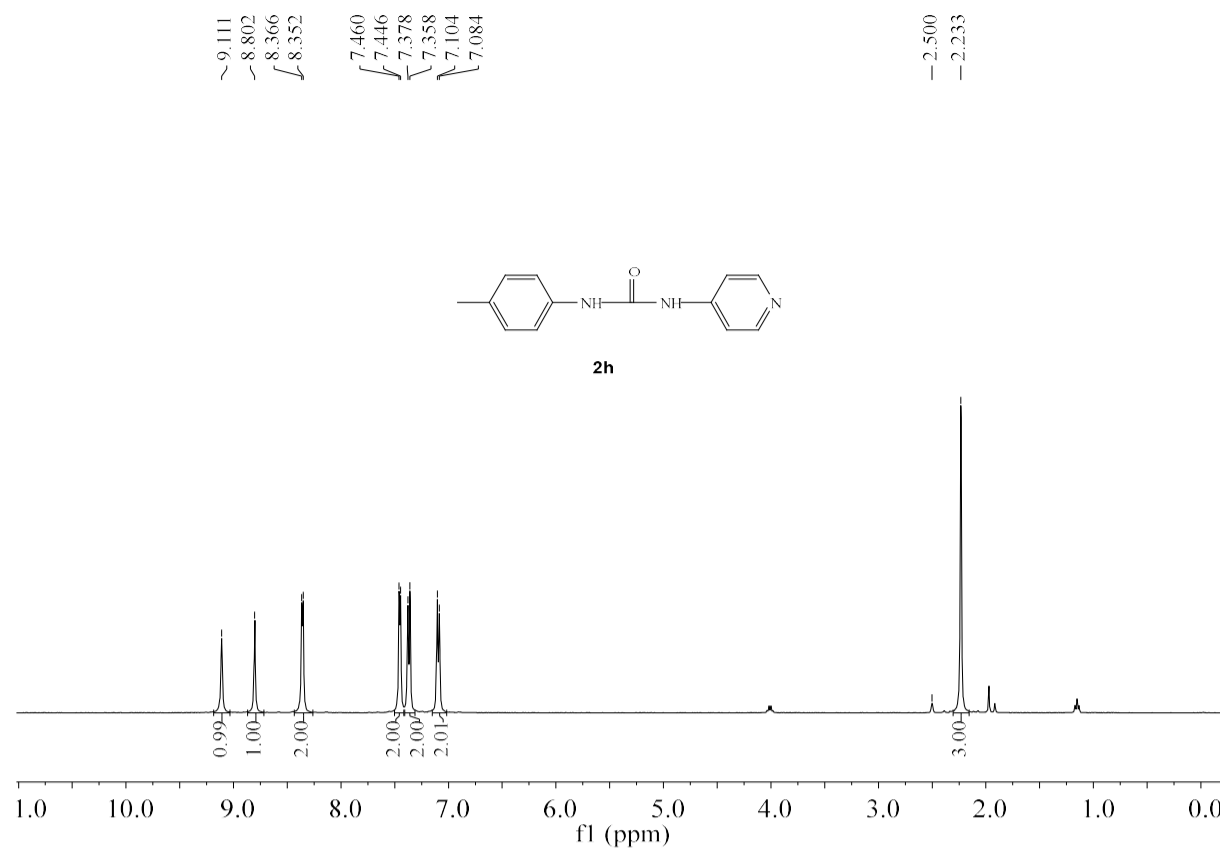
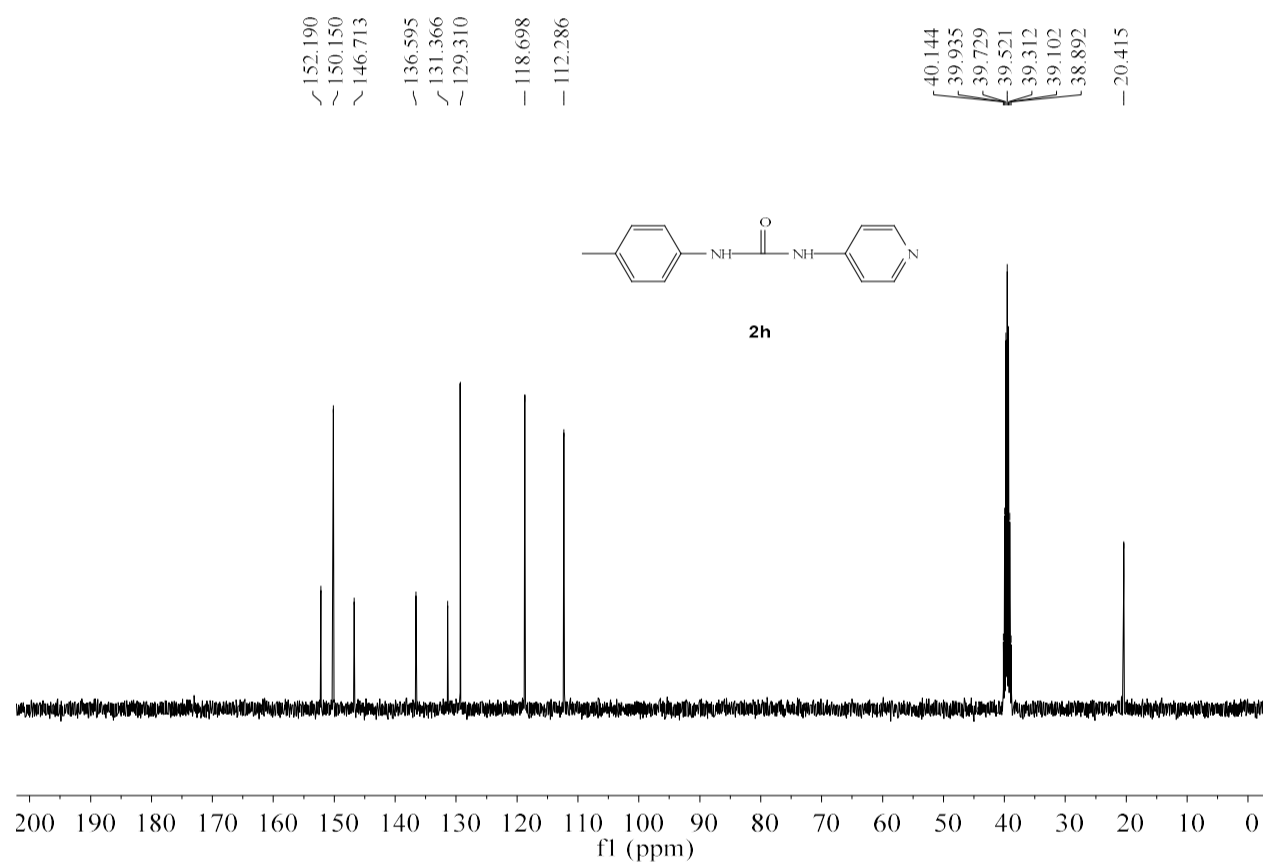
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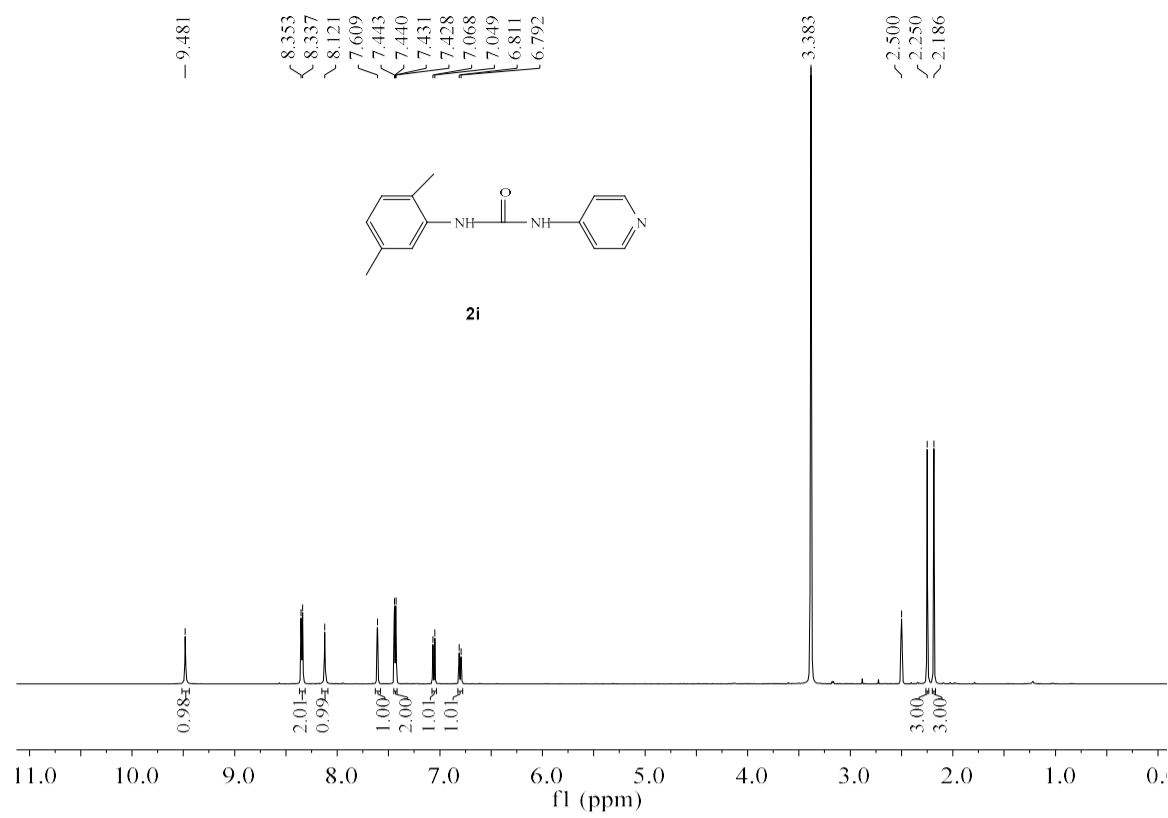
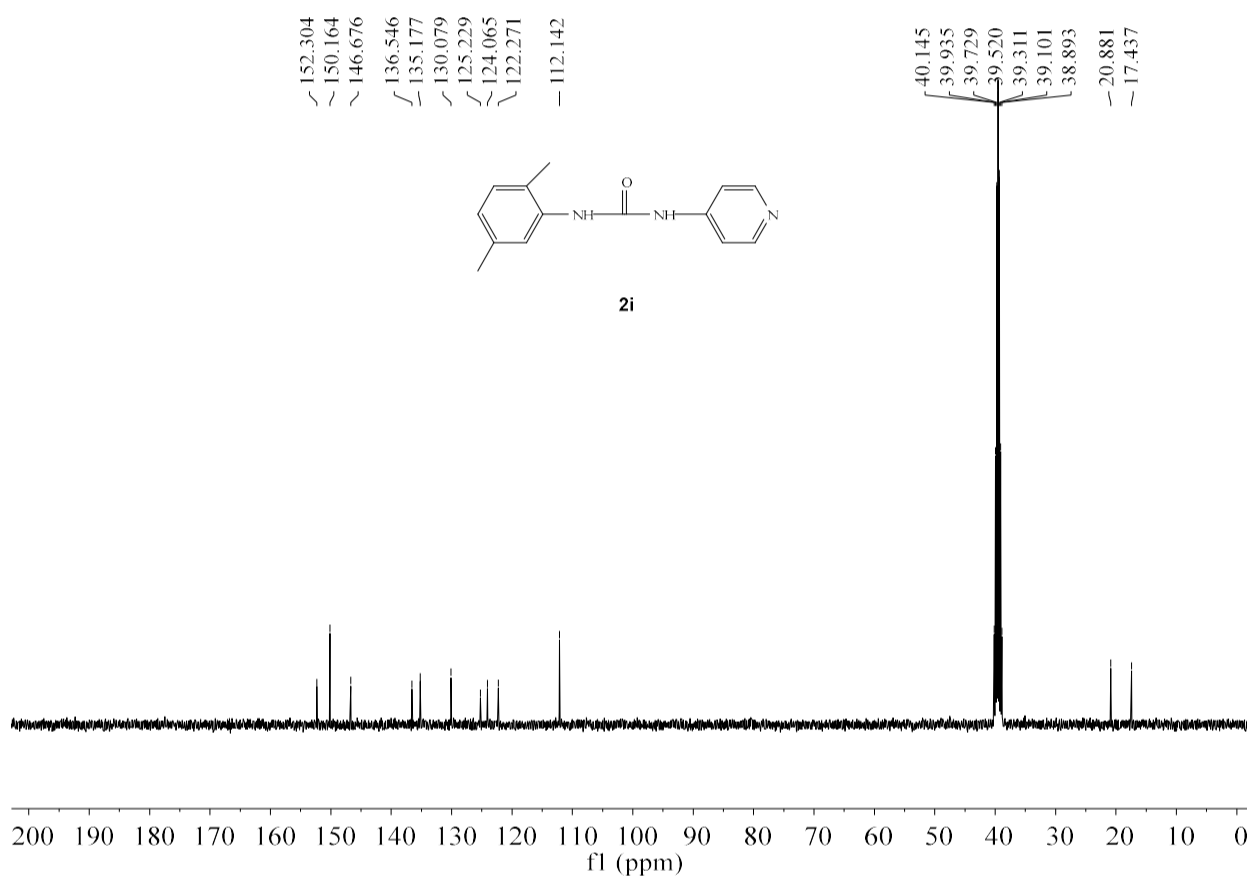
¹H NMR of **2c**¹³C NMR of **2c**

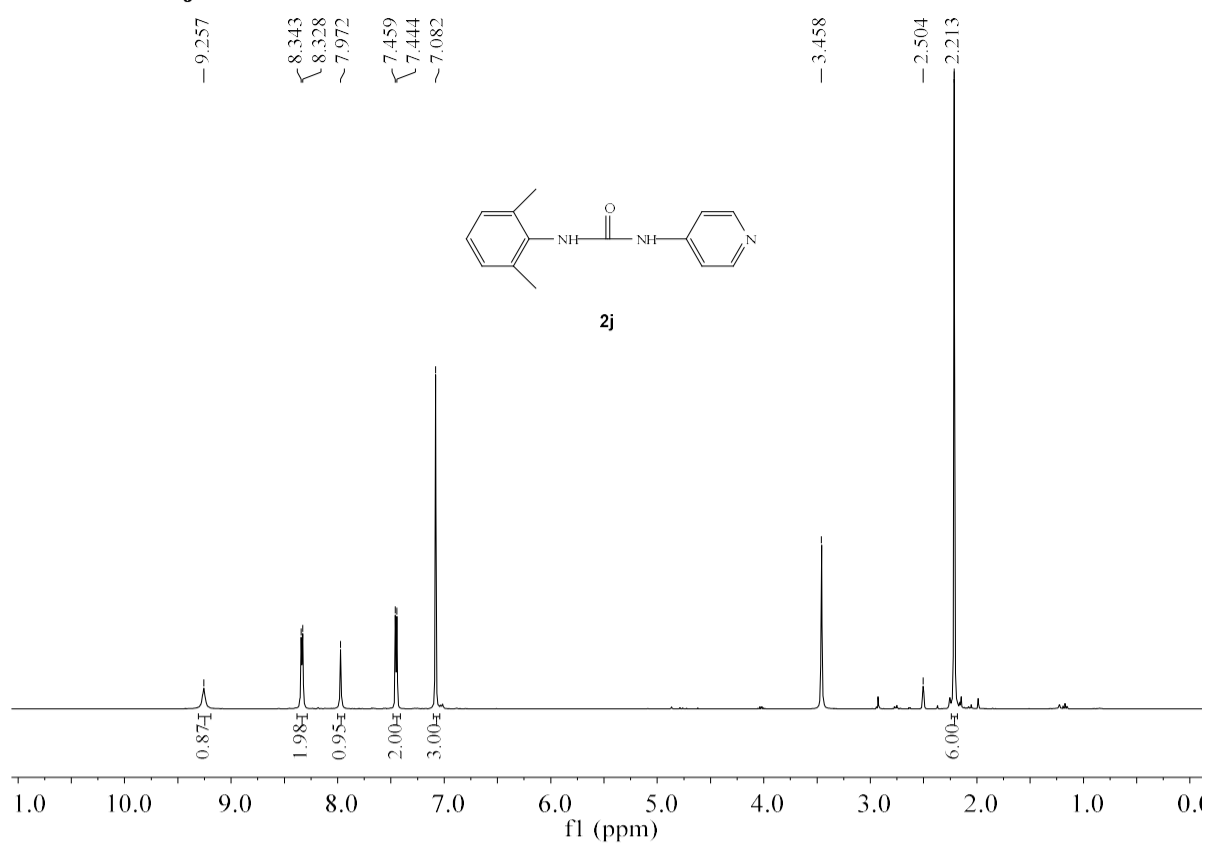
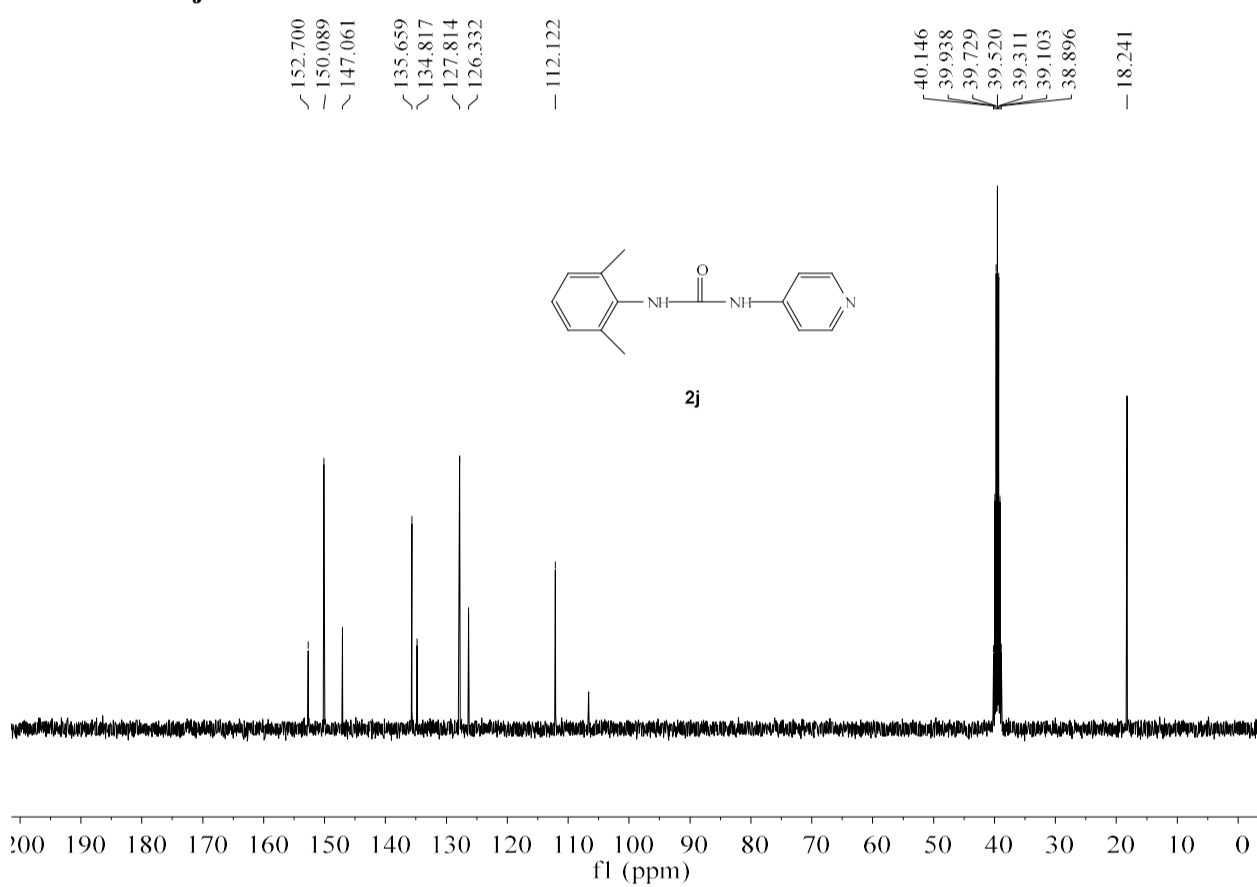
¹H NMR of **2d**¹³C NMR of **2d**

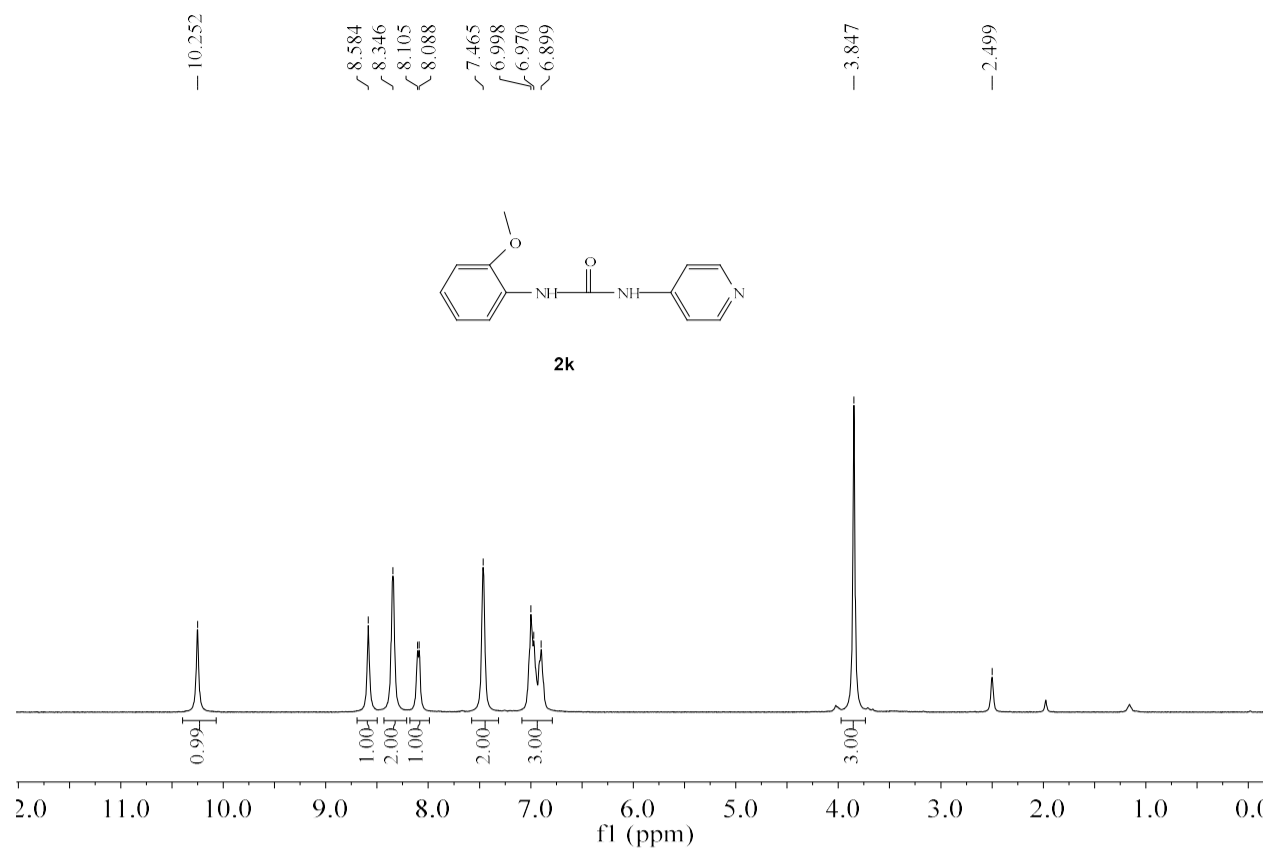
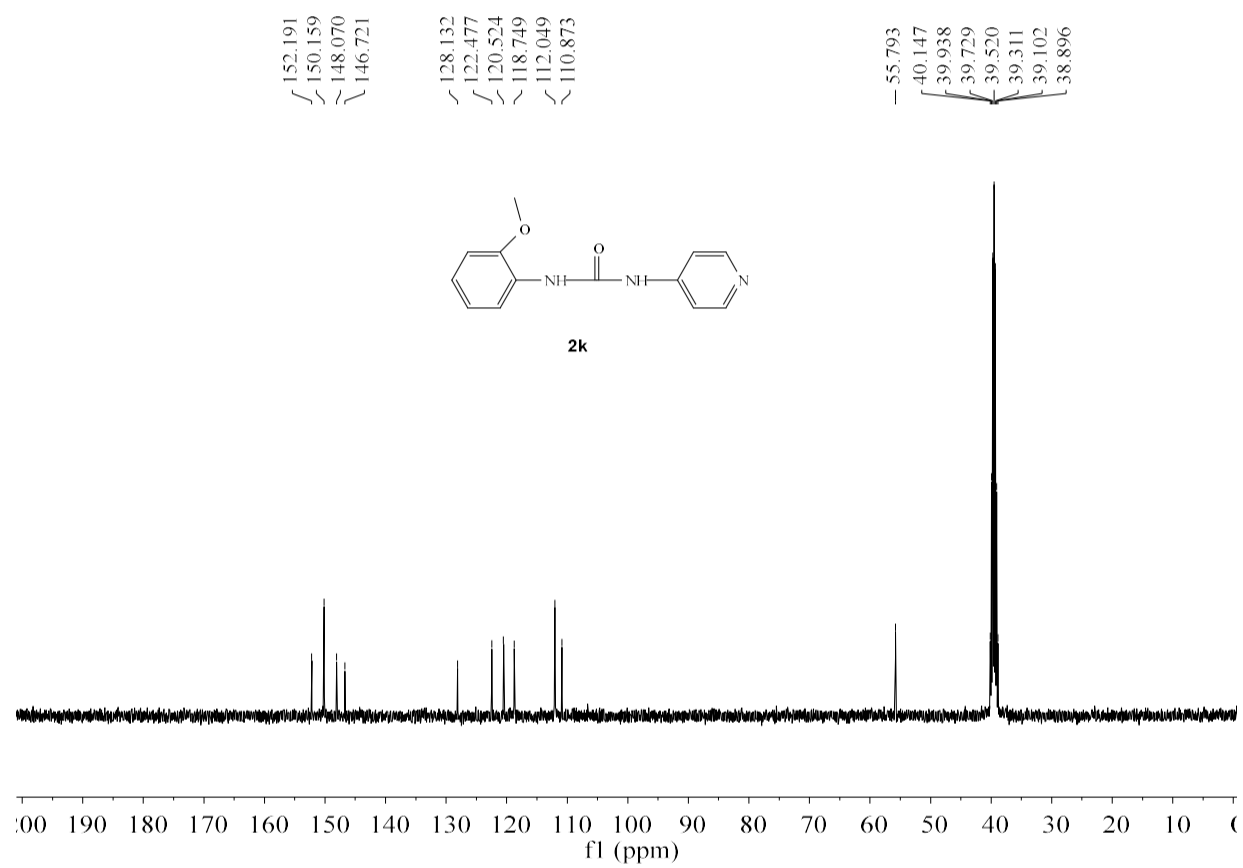
¹H NMR of **2f**¹³C NMR of **2f**

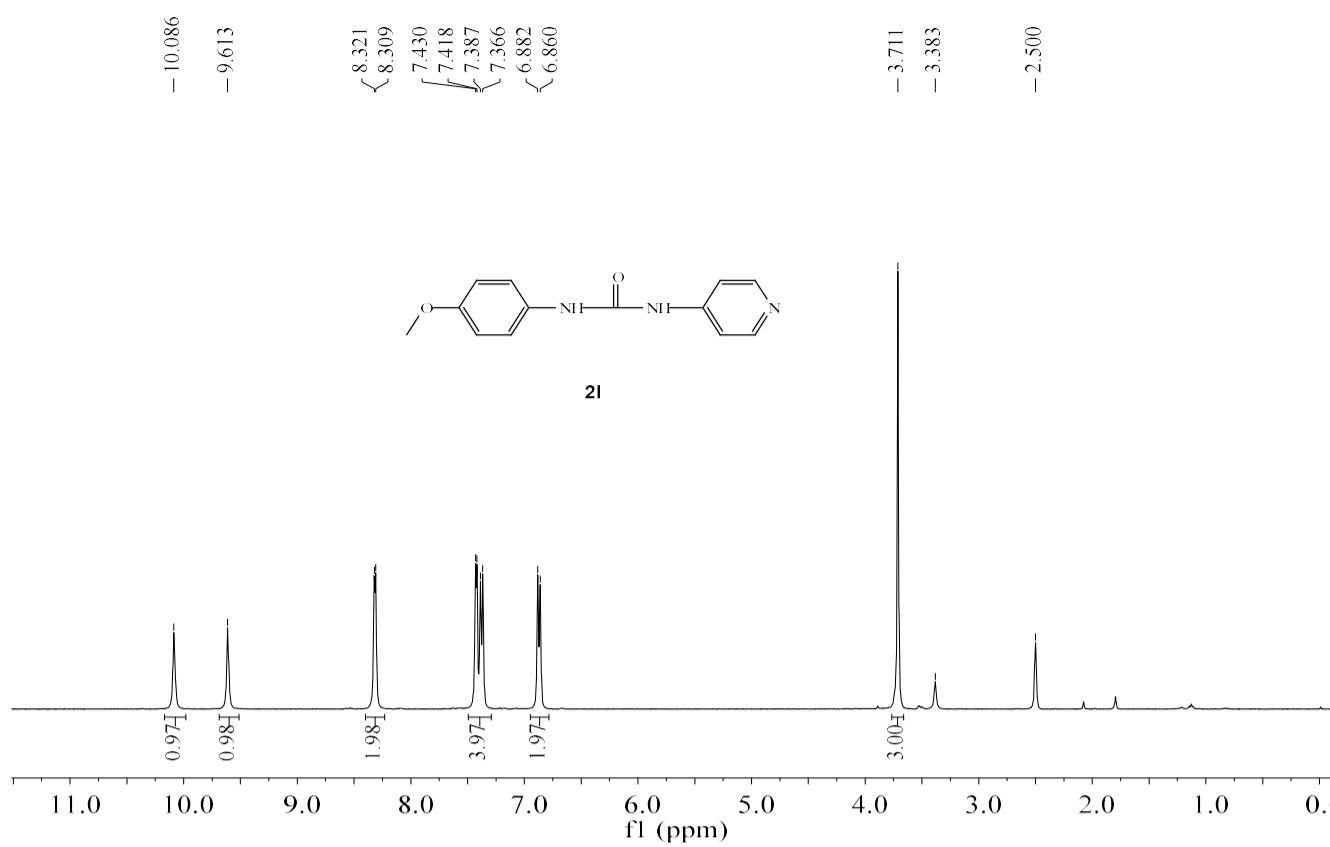
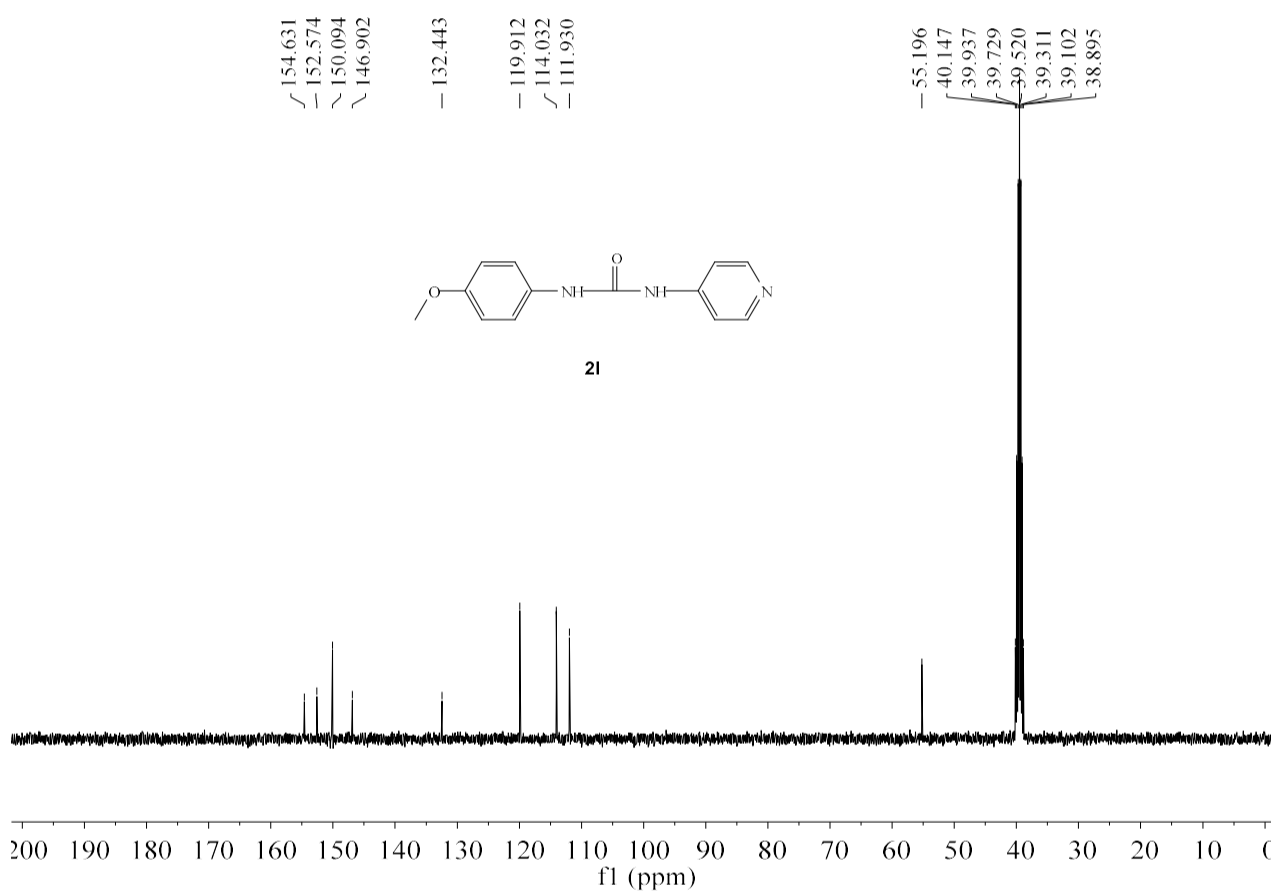
¹H NMR of **2g**¹³C NMR of **2g**

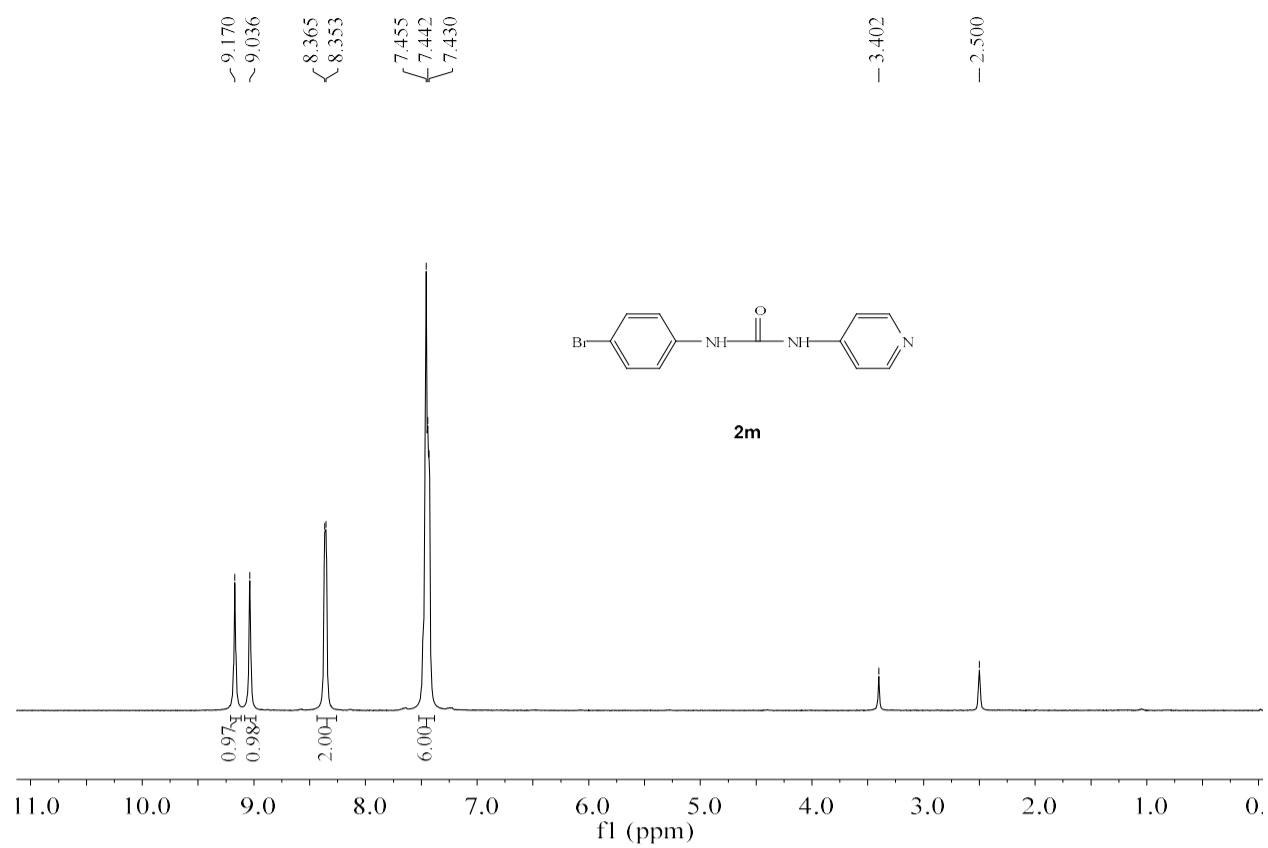
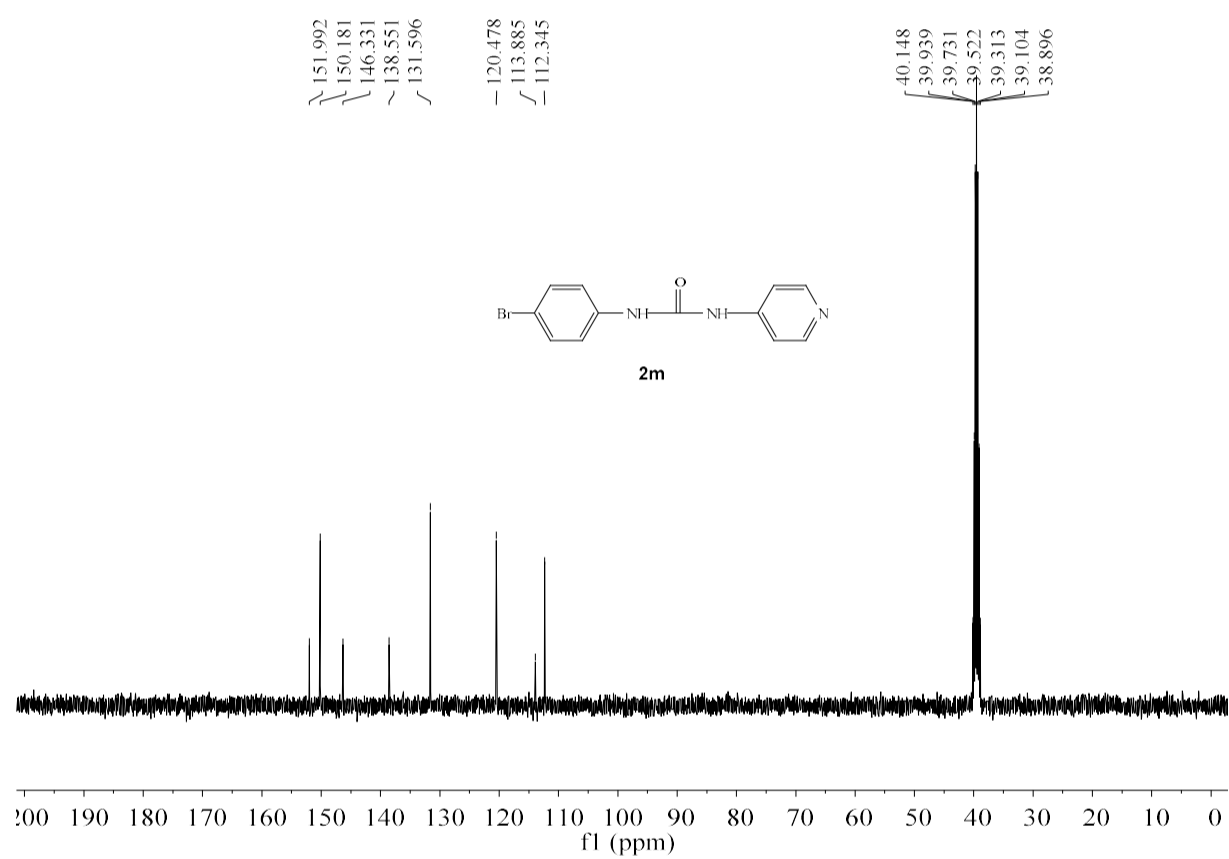
^1H NMR of **2h** ^{13}C NMR of **2h**

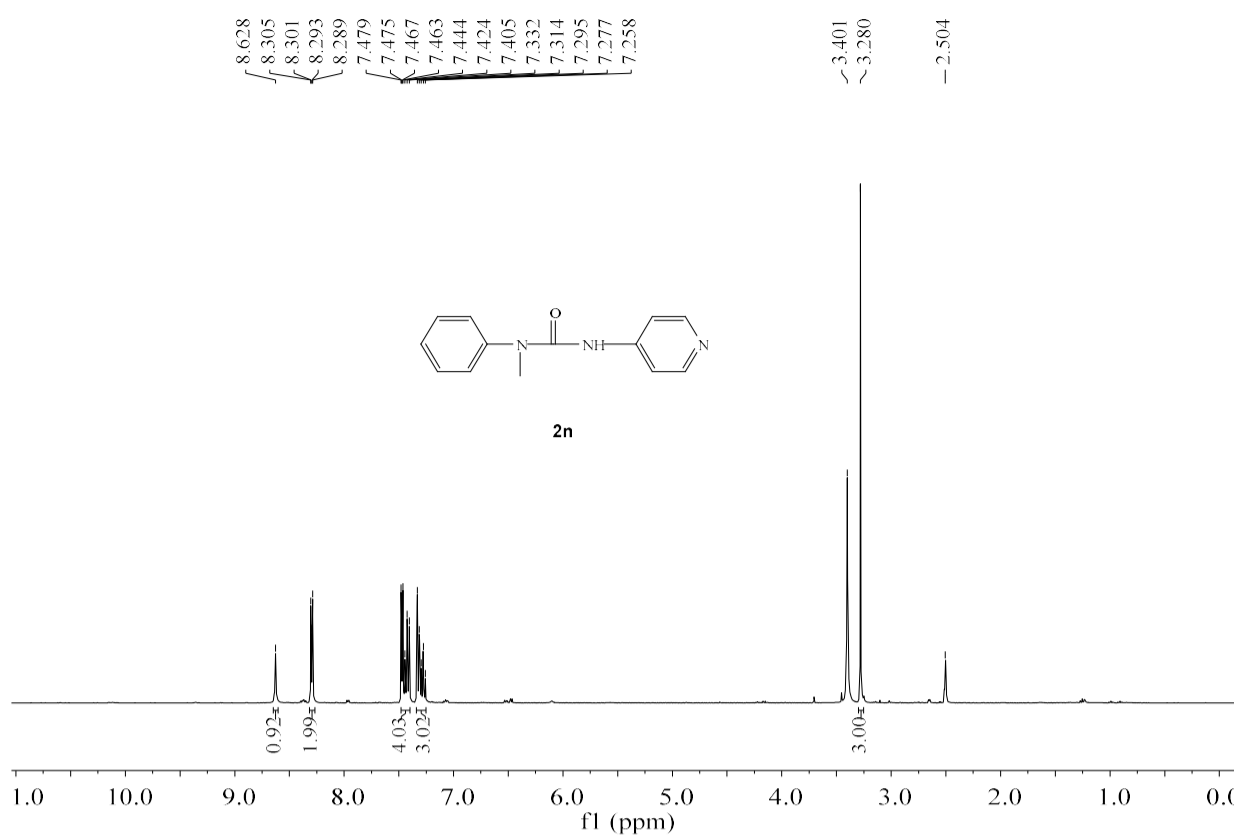
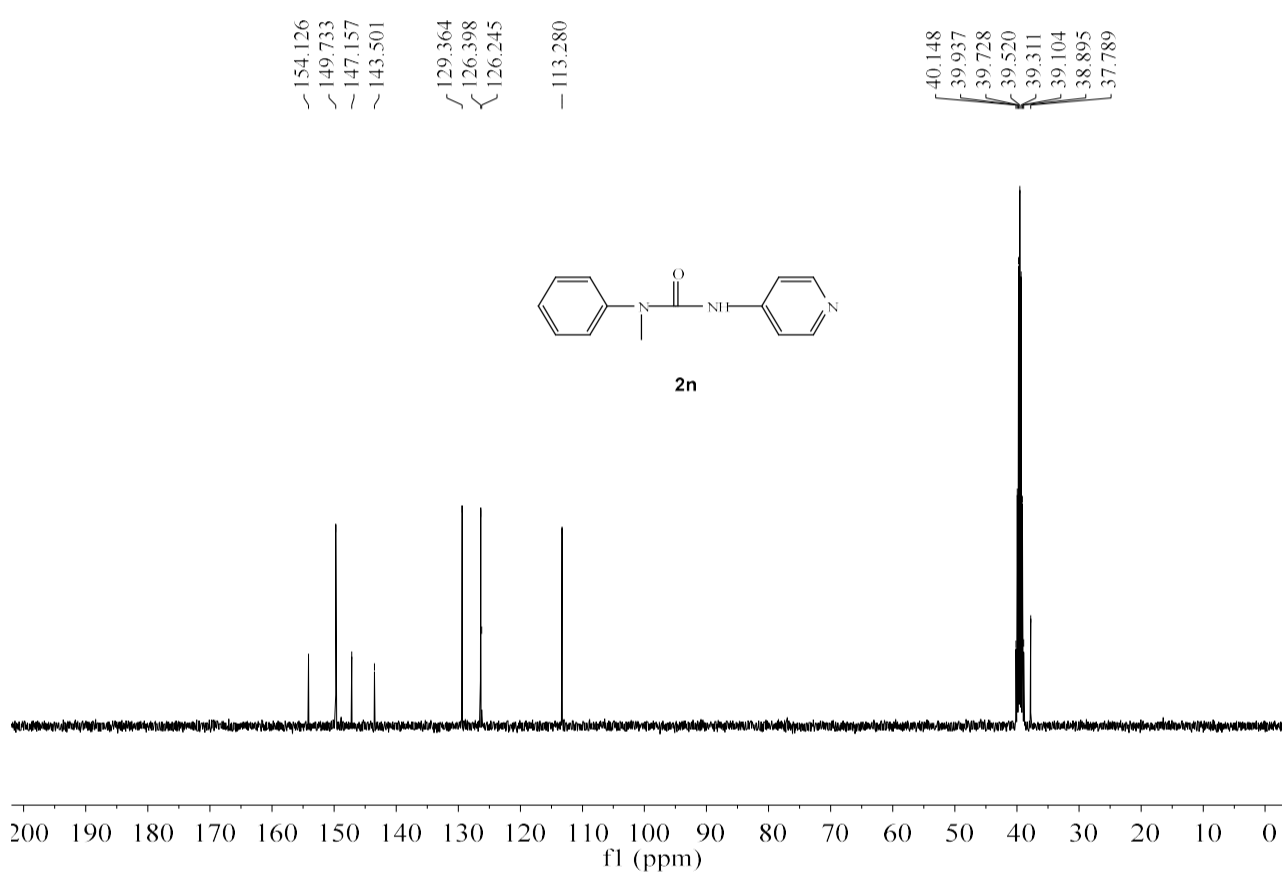
¹H NMR of **2i**¹³C NMR of **2i**

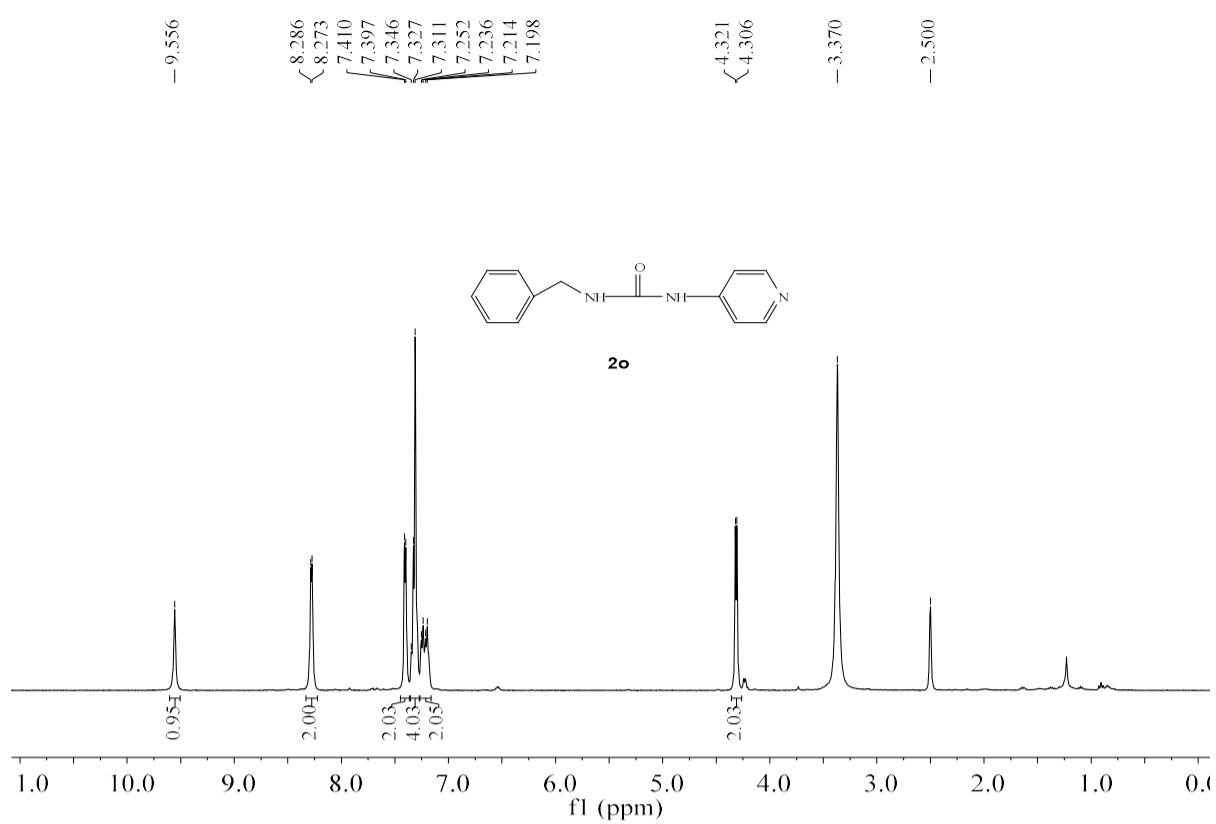
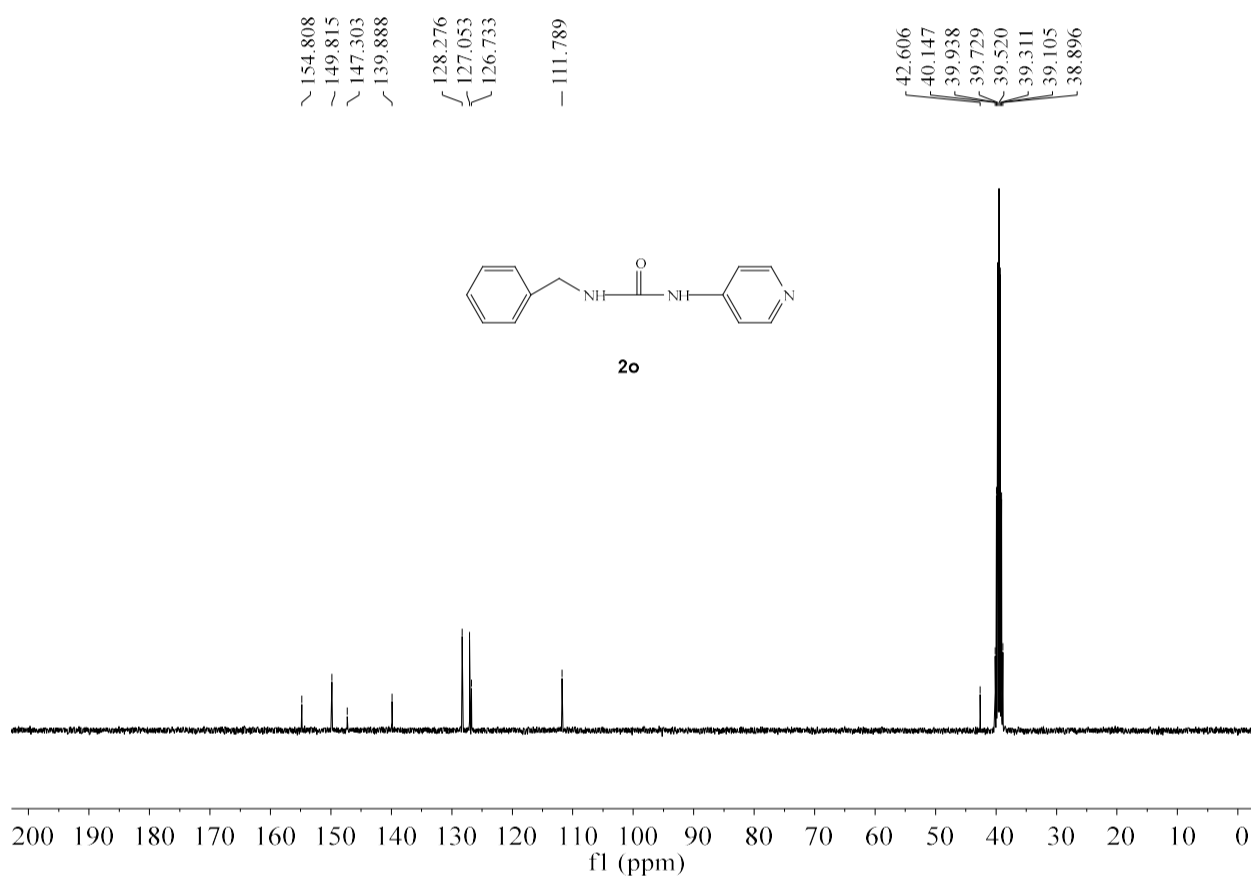
¹H NMR of **2j**¹³C NMR of **2j**

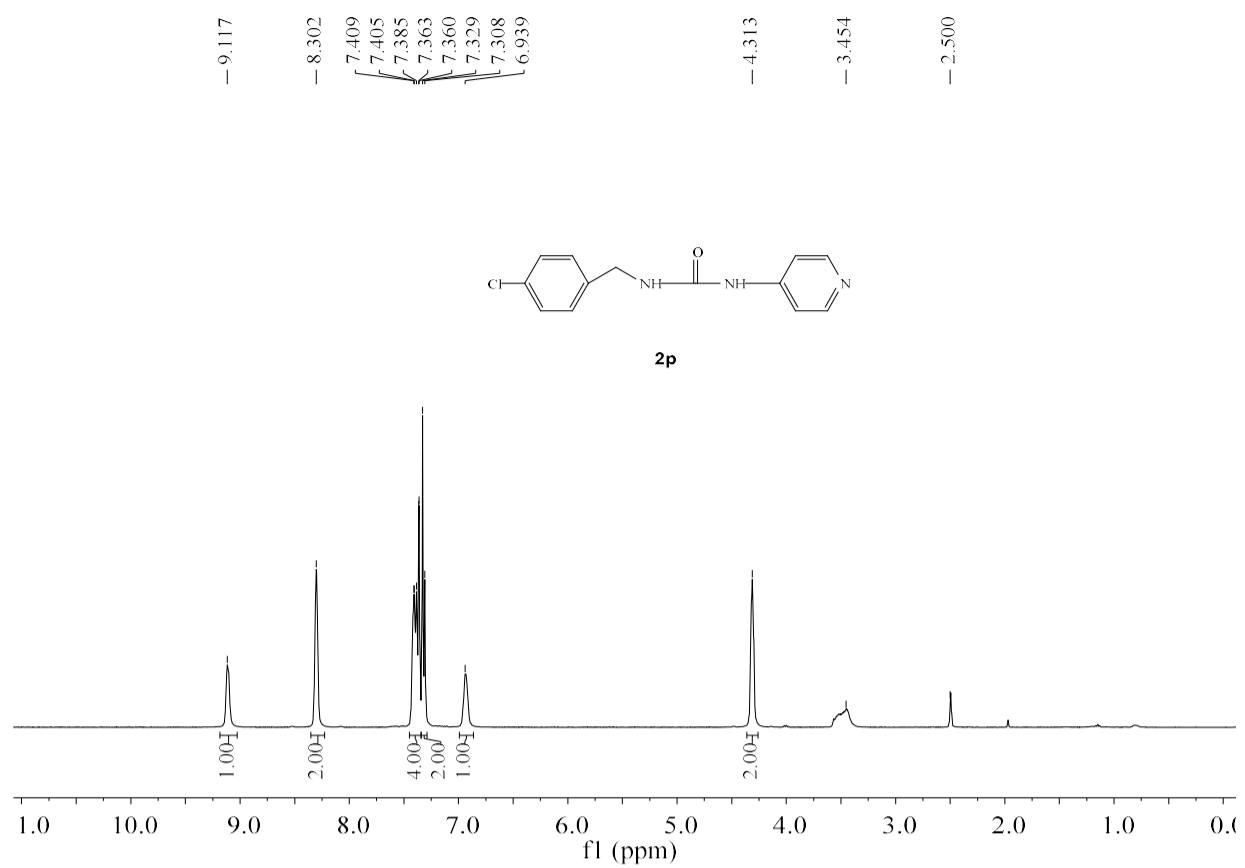
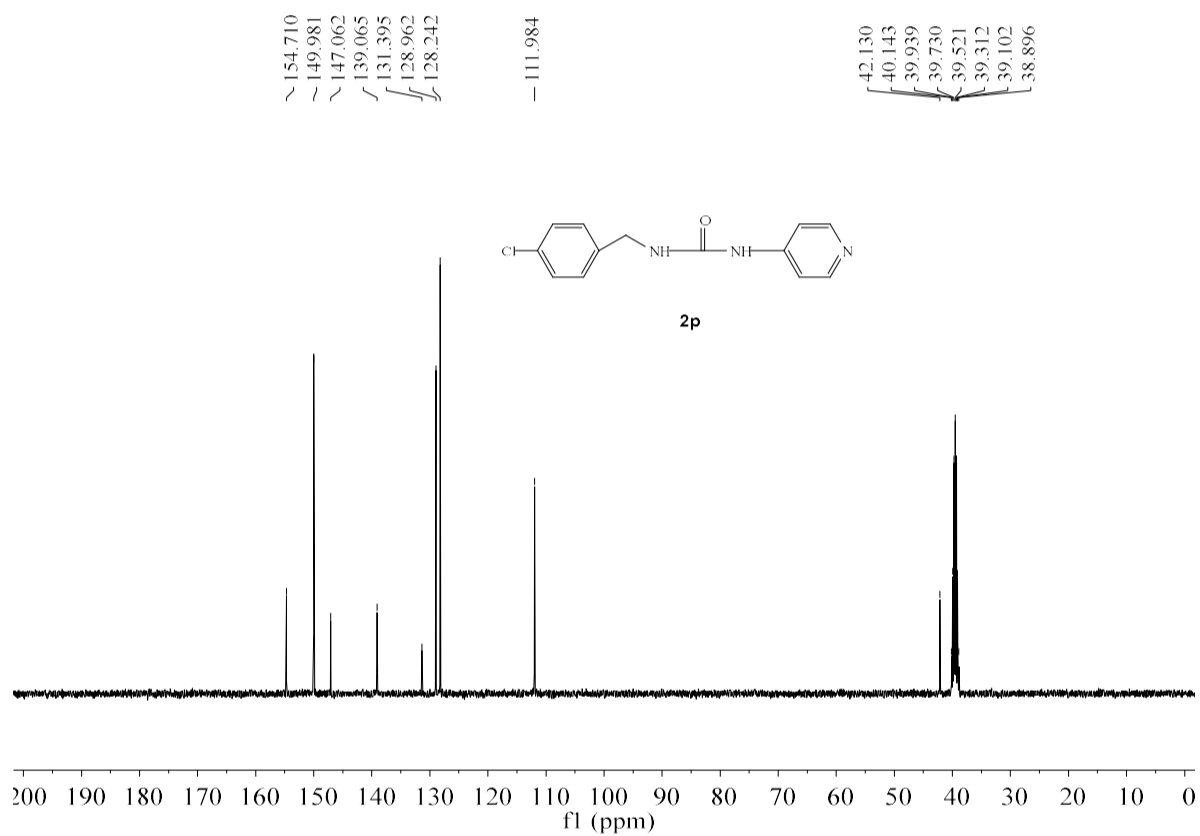
¹H NMR of **2k**¹³C NMR of **2k**

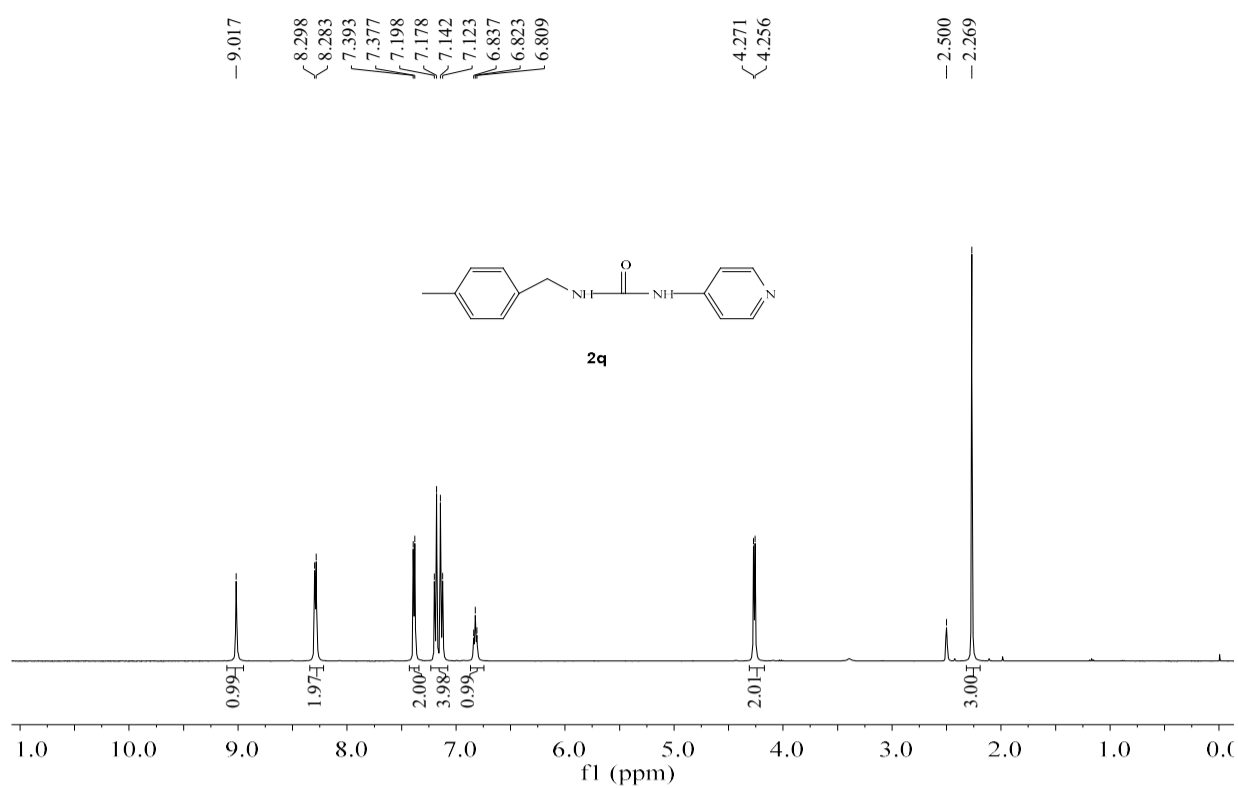
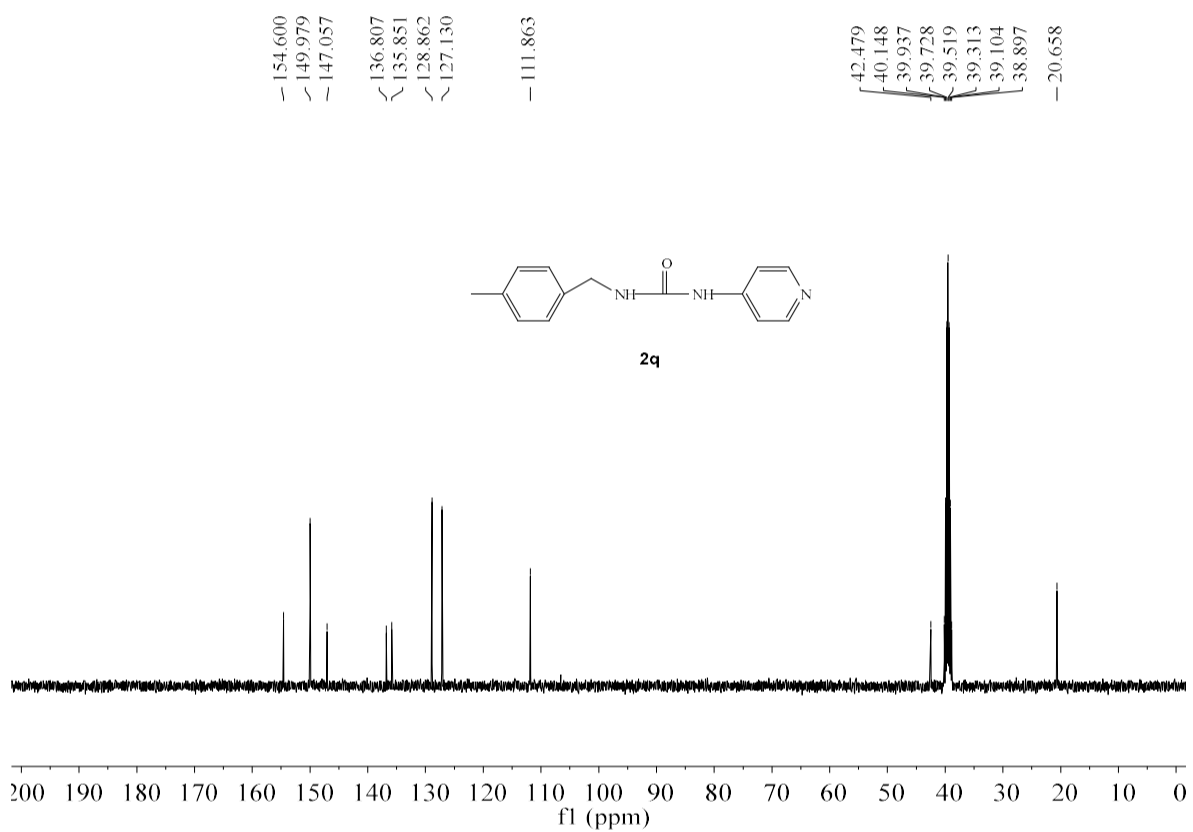
¹H NMR of **21**¹³C NMR of **21**

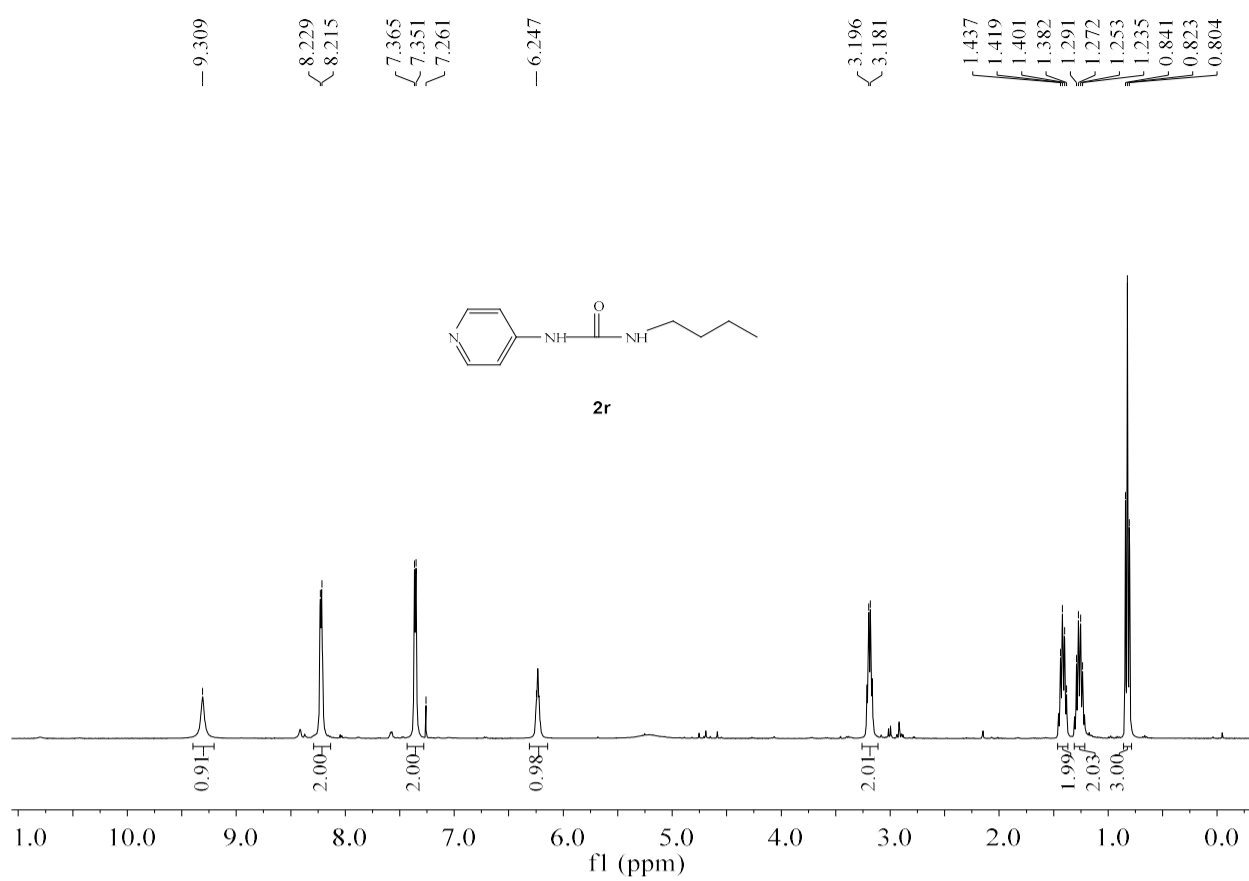
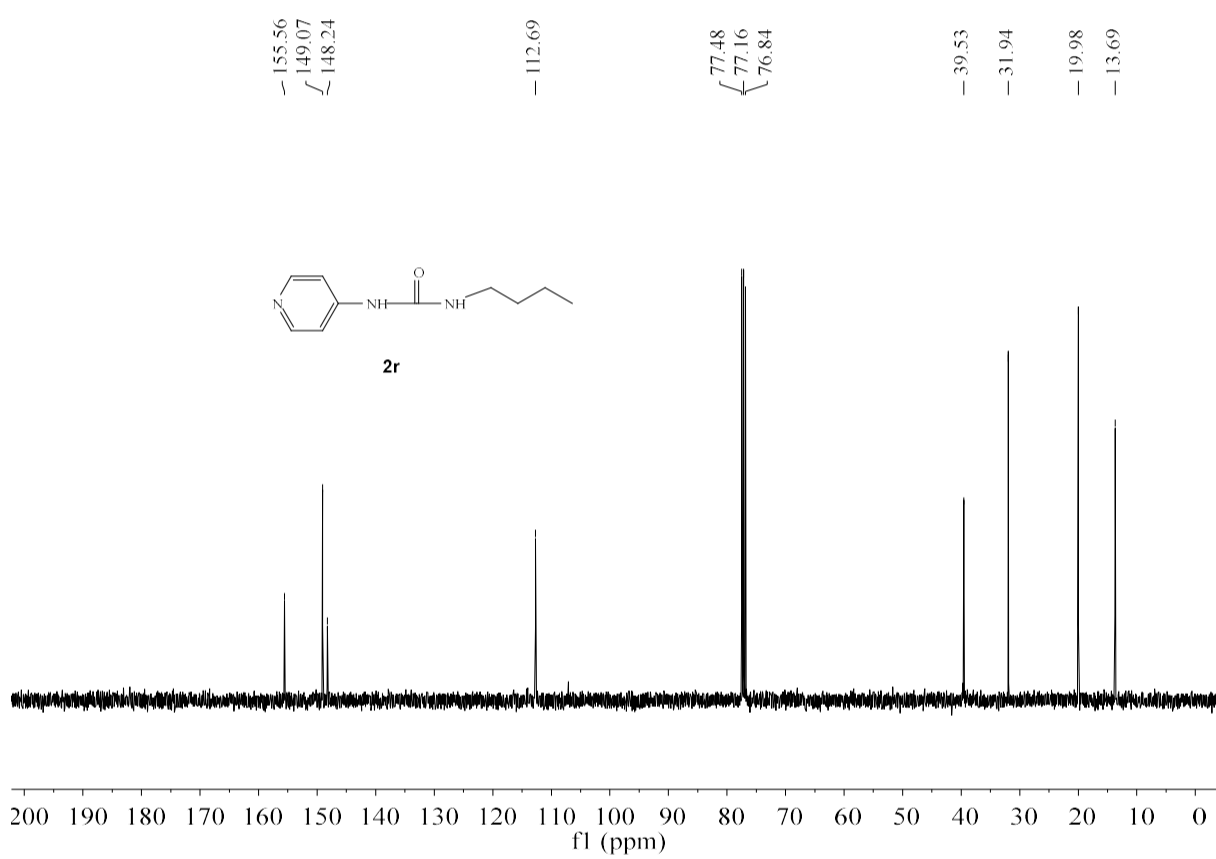
^1H NMR of **2m** ^{13}C NMR of **2m**

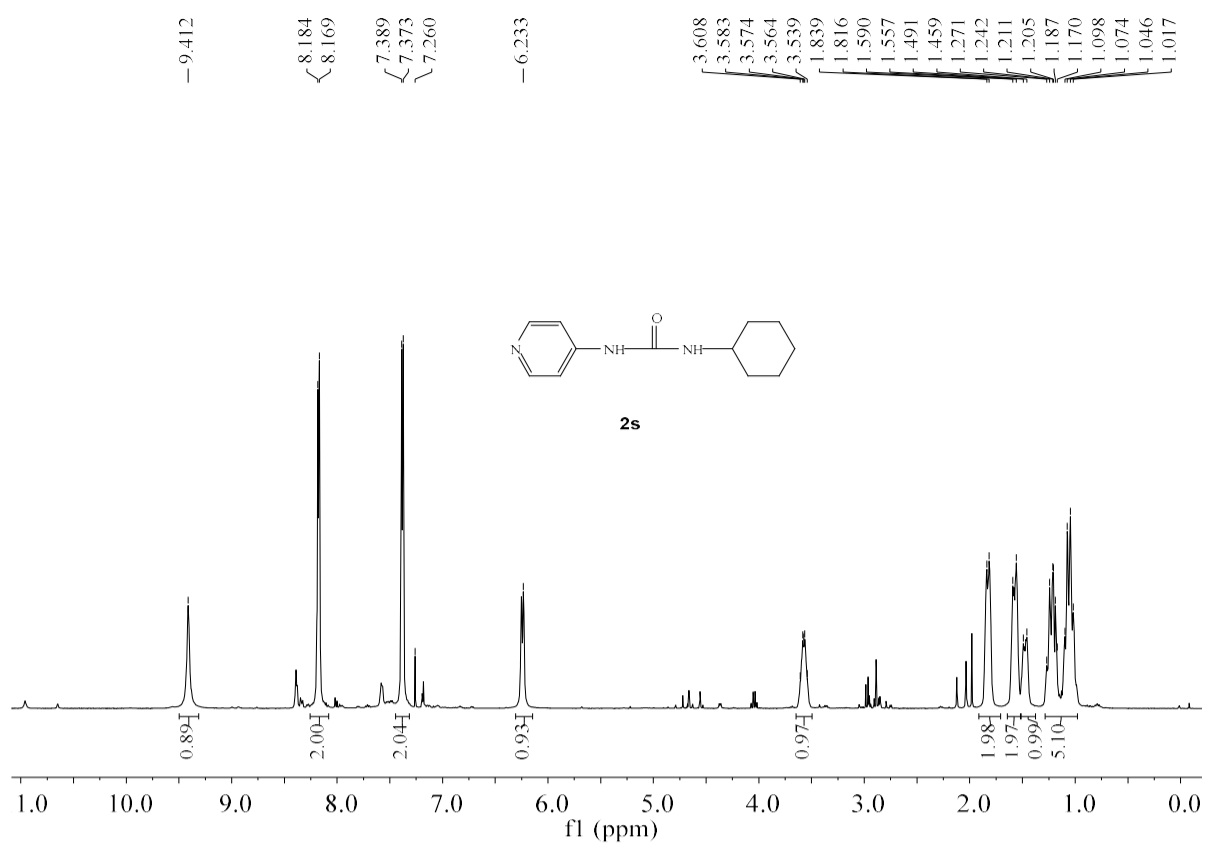
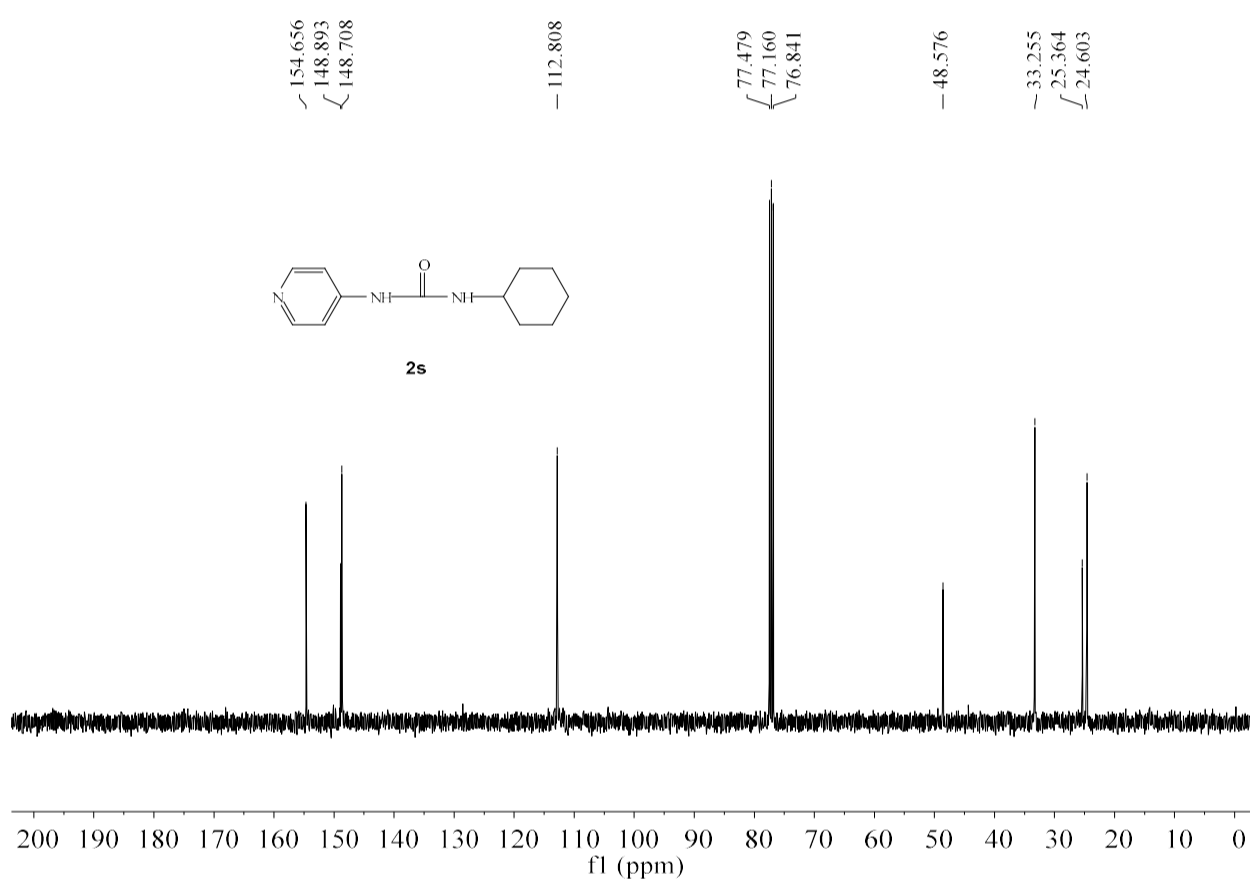
^1H NMR of **2n** ^{13}C NMR of **2n**

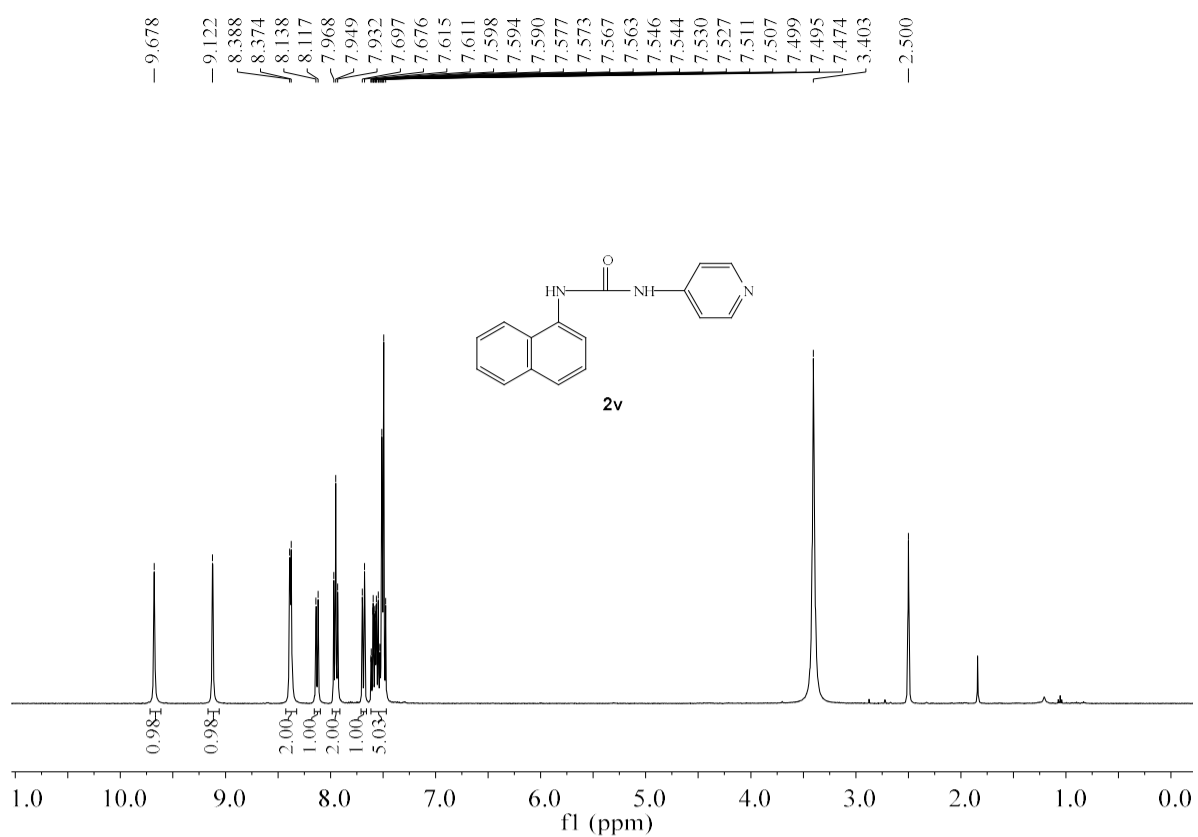
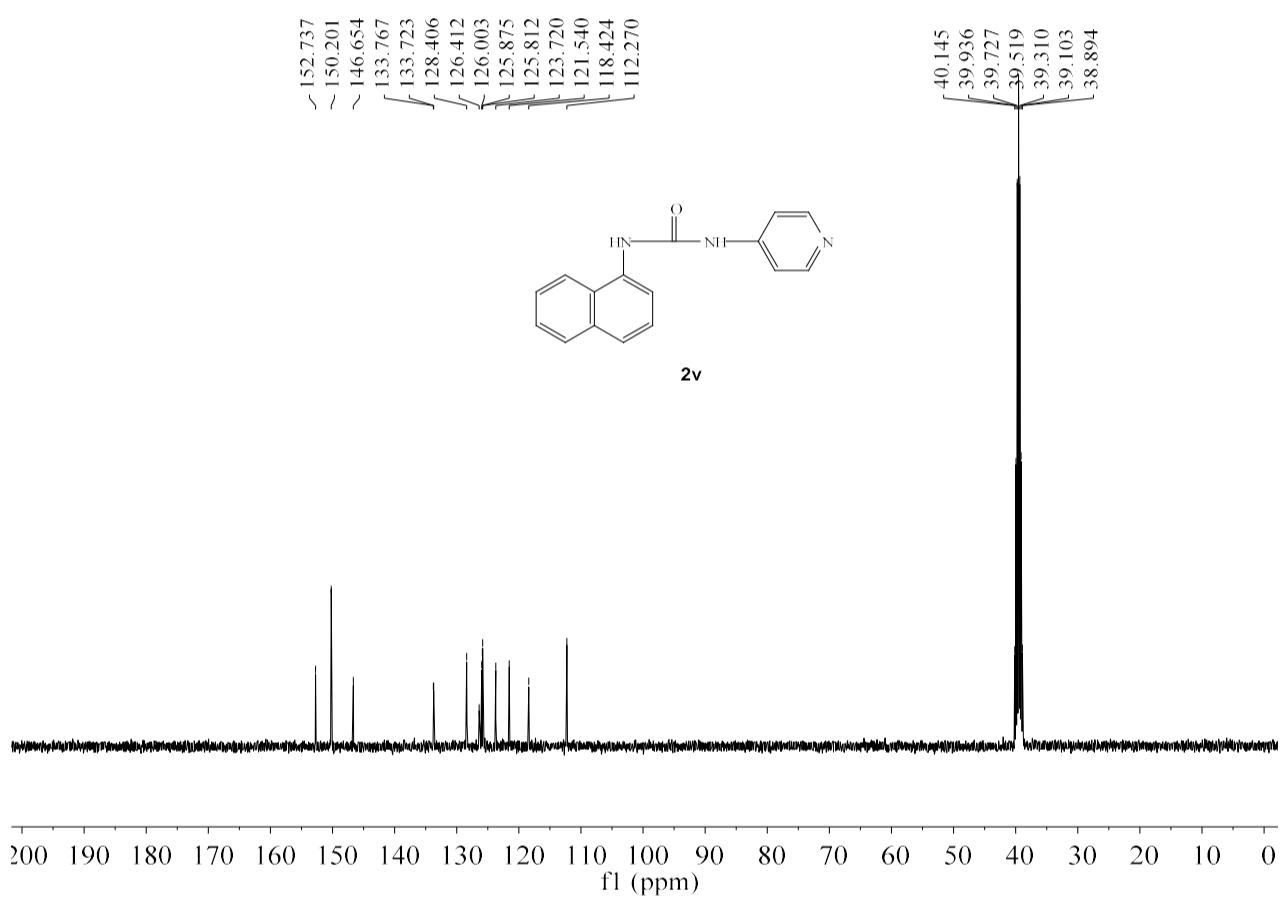
¹H NMR of **2o**¹³C NMR of **2o**

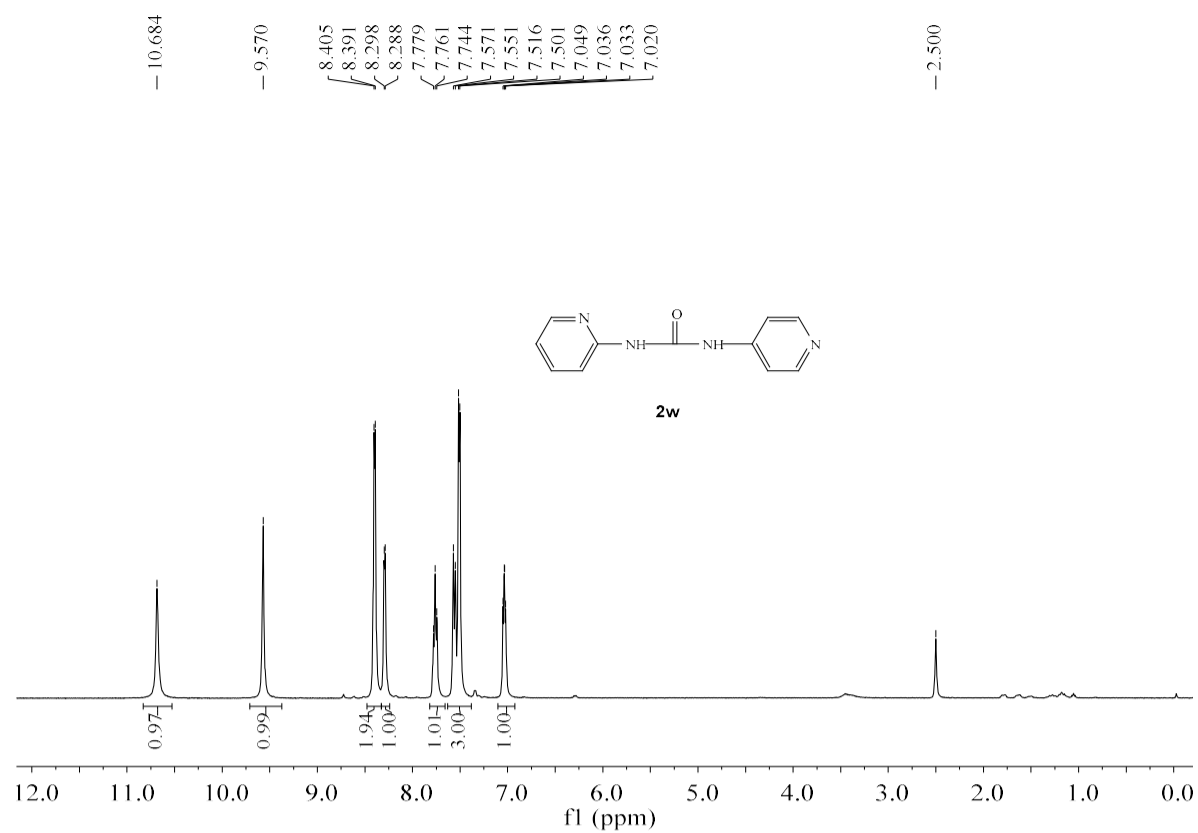
¹H NMR of **2p**¹³C NMR of **2p**

^1H NMR of **2q** ^{13}C NMR of **2q**

¹H NMR of **2r**¹³C NMR of **2r**

¹H NMR of **2s**¹³C NMR of **2s**

¹H NMR of **2v**¹³C NMR of **2v**

¹H NMR of **2w**¹³C NMR of **2w**