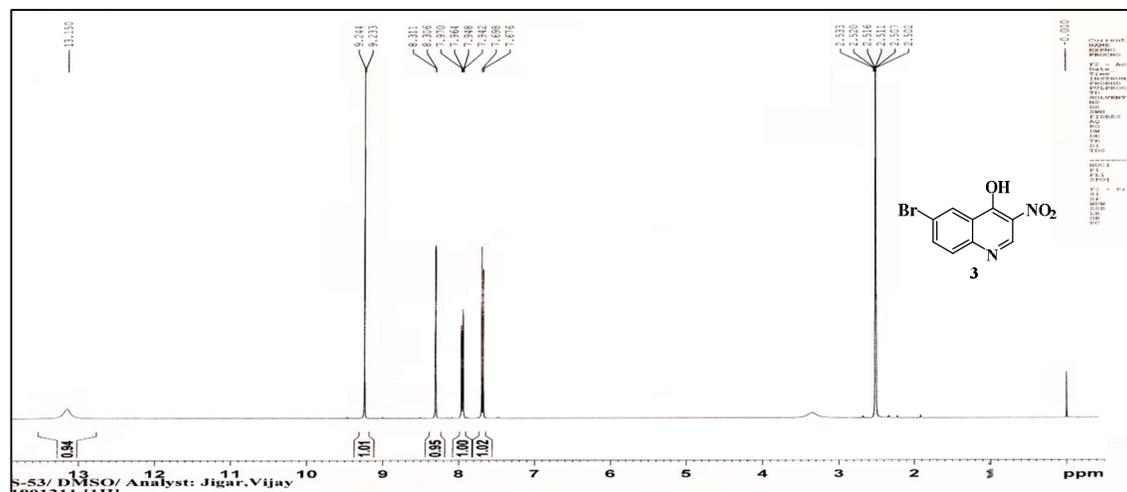
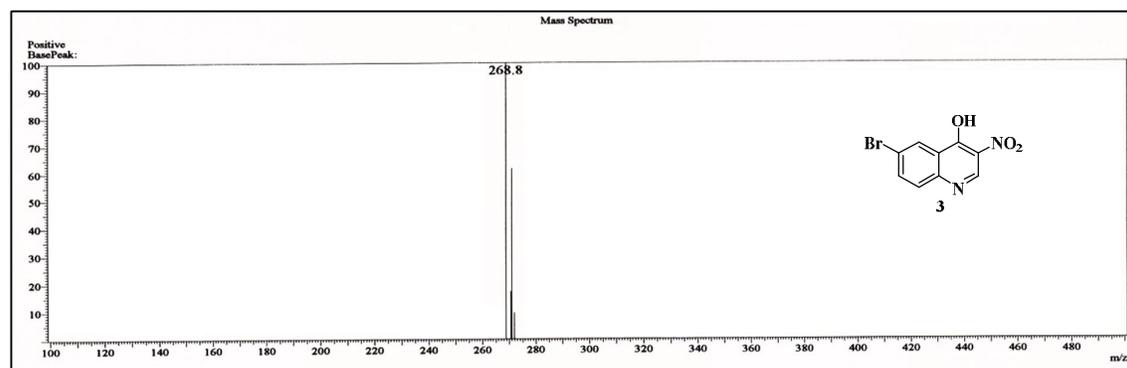
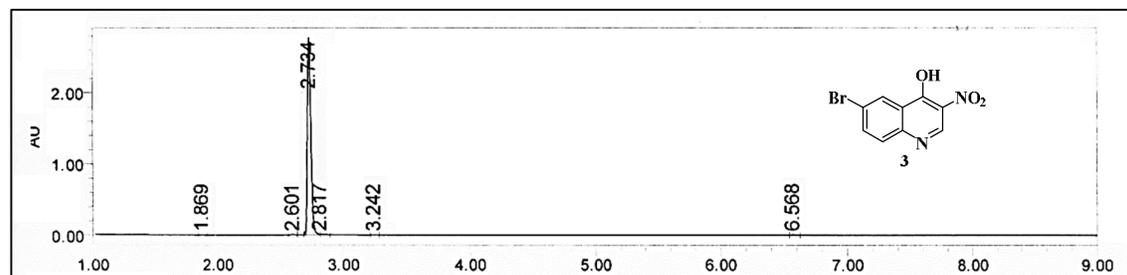


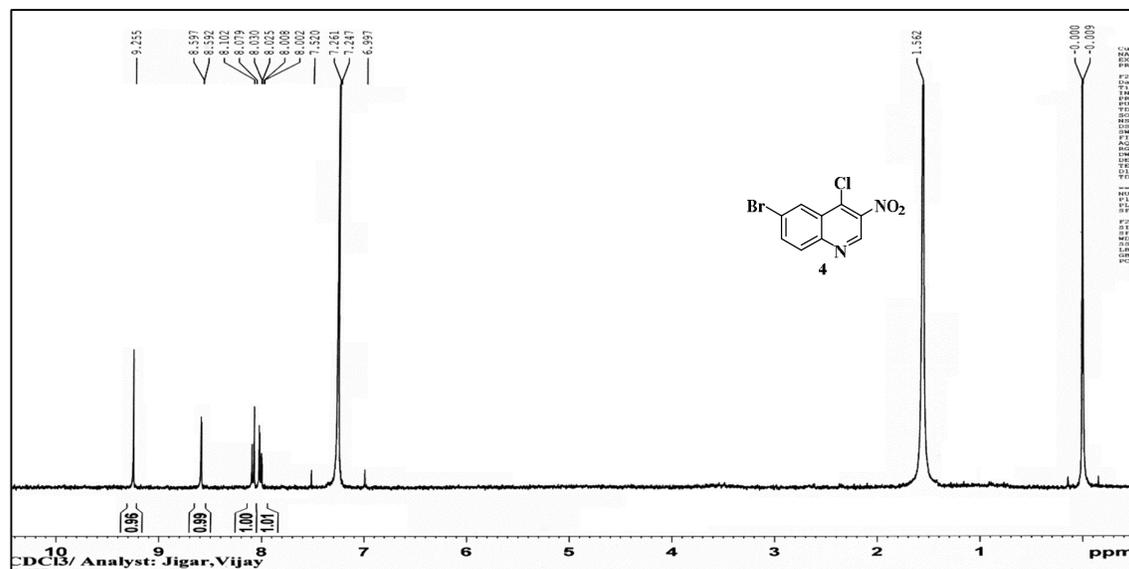
¹H NMR of intermediate 3

ESI-MS of intermediate 3

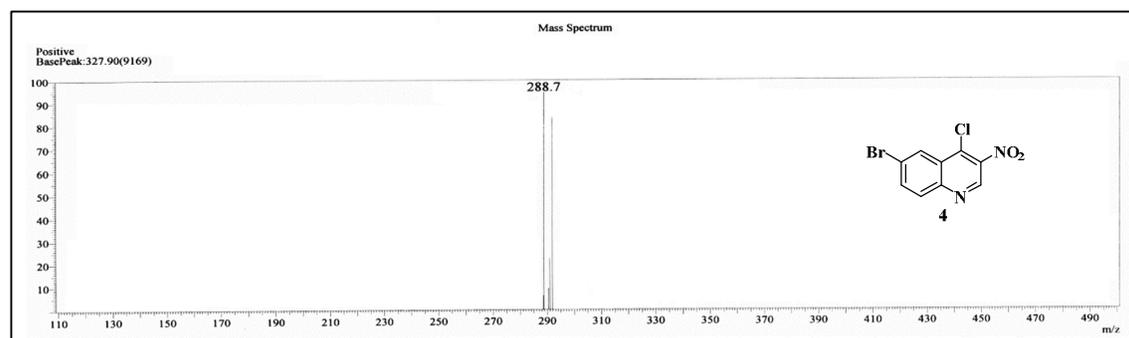


UPLC of intermediate 3

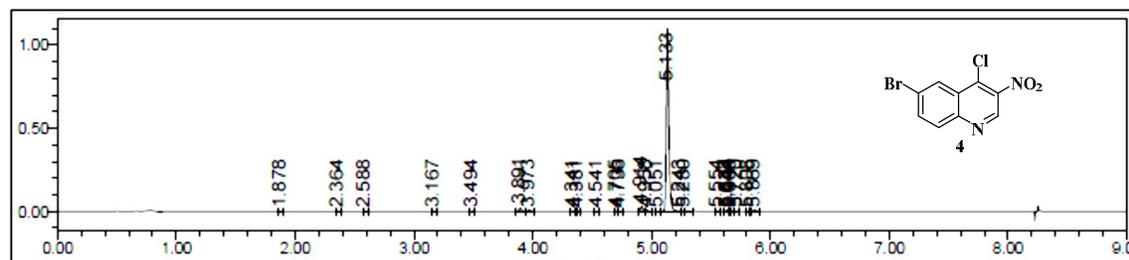


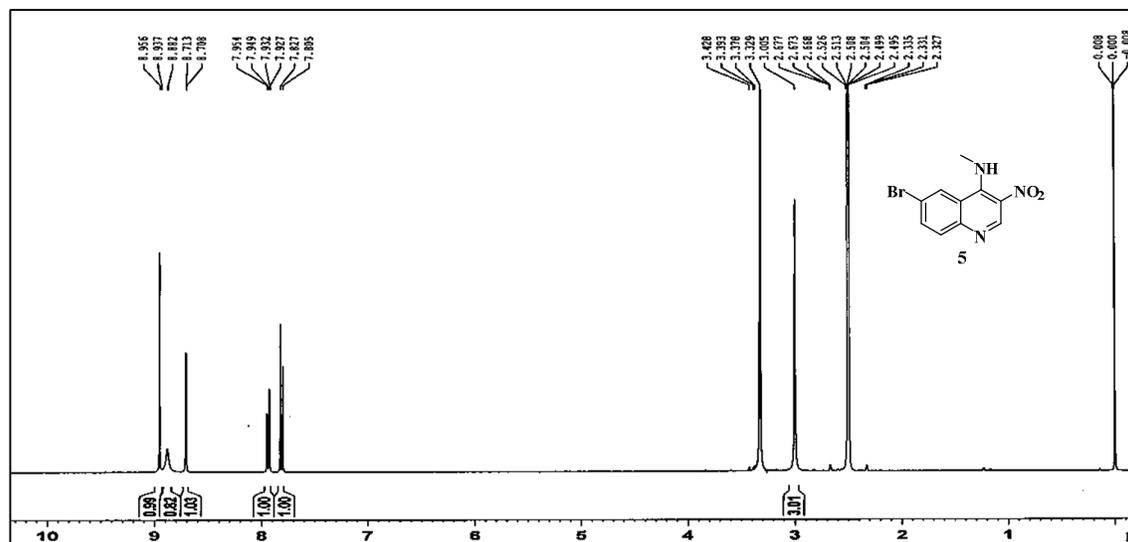
¹H NMR of intermediate 4

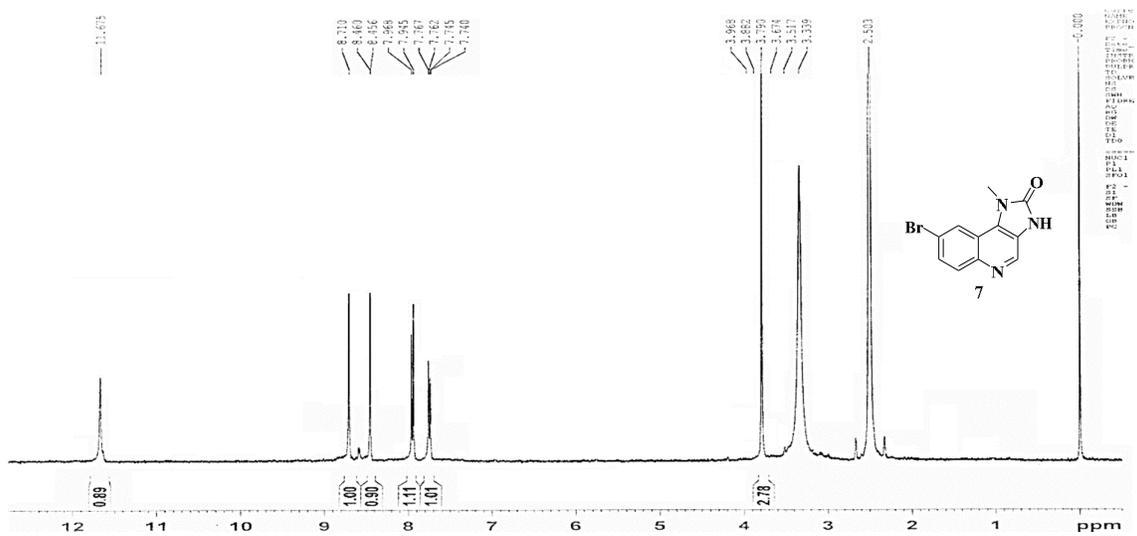
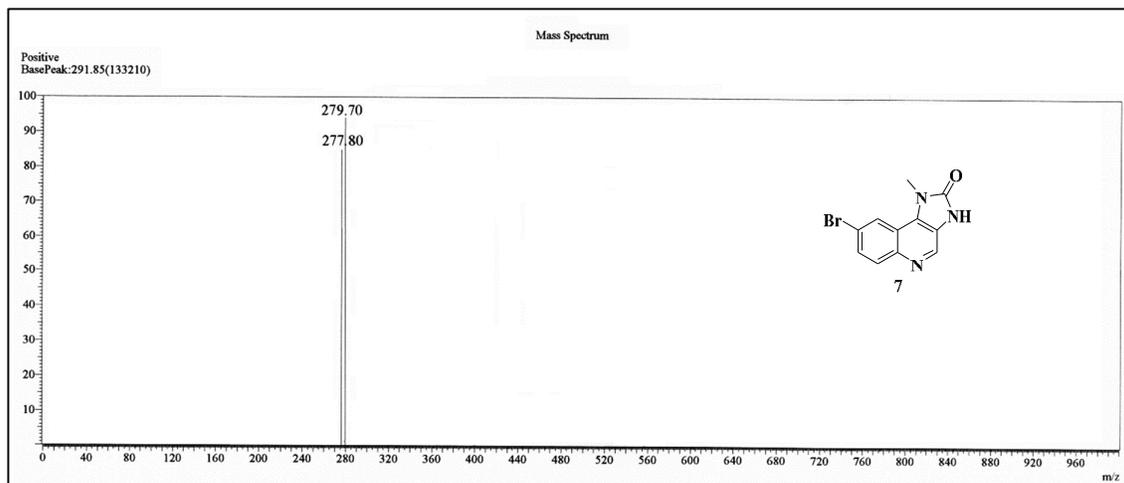
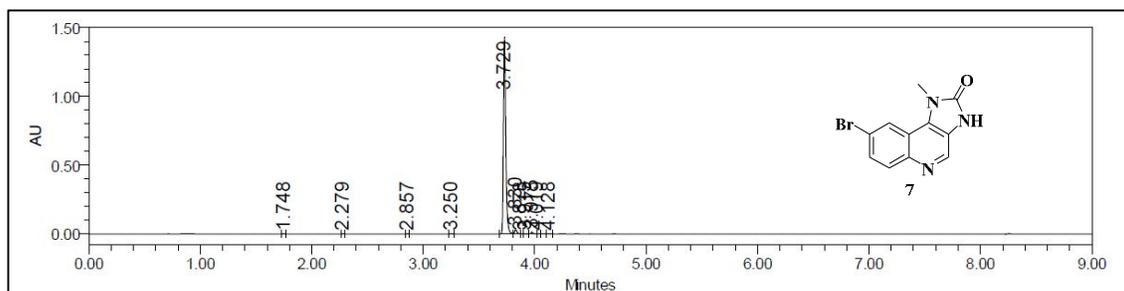
ESI-MS of intermediate 4

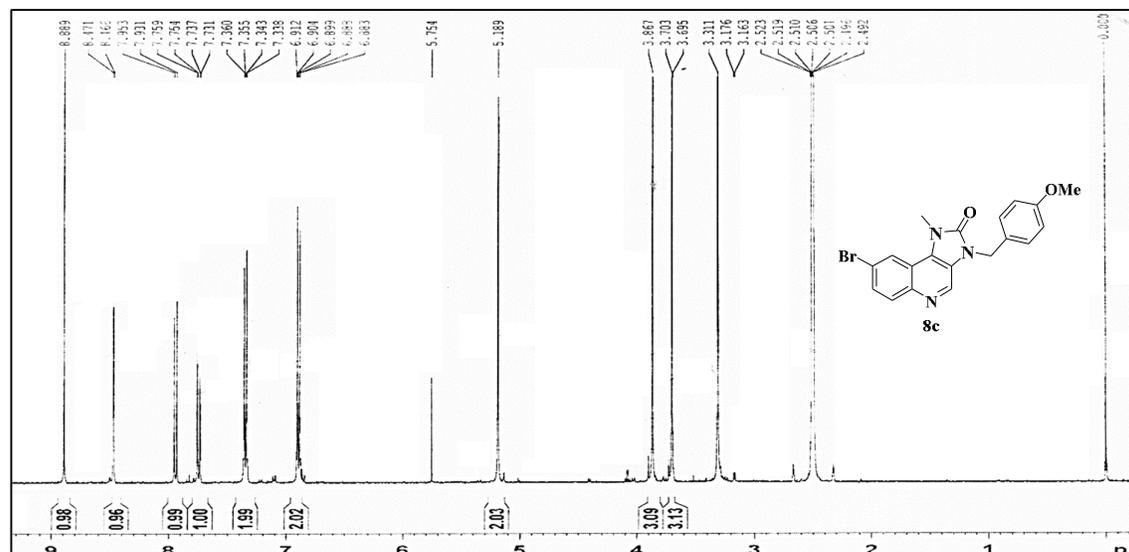
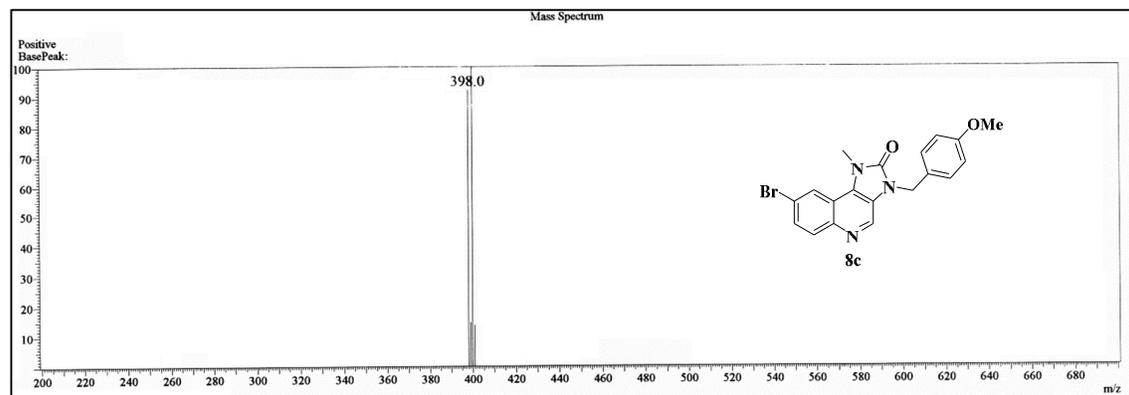
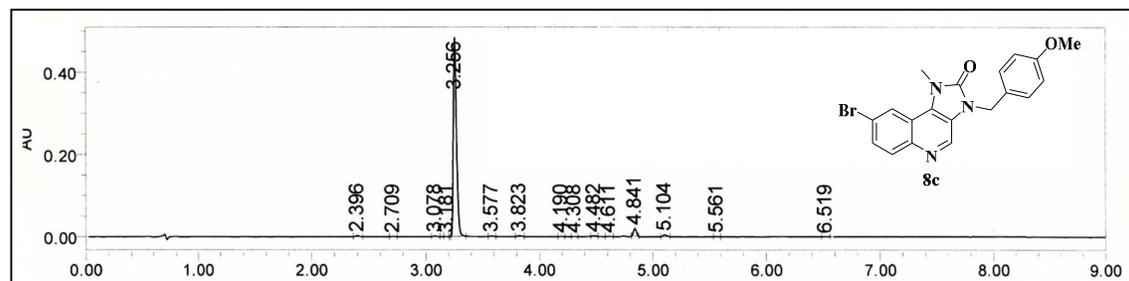


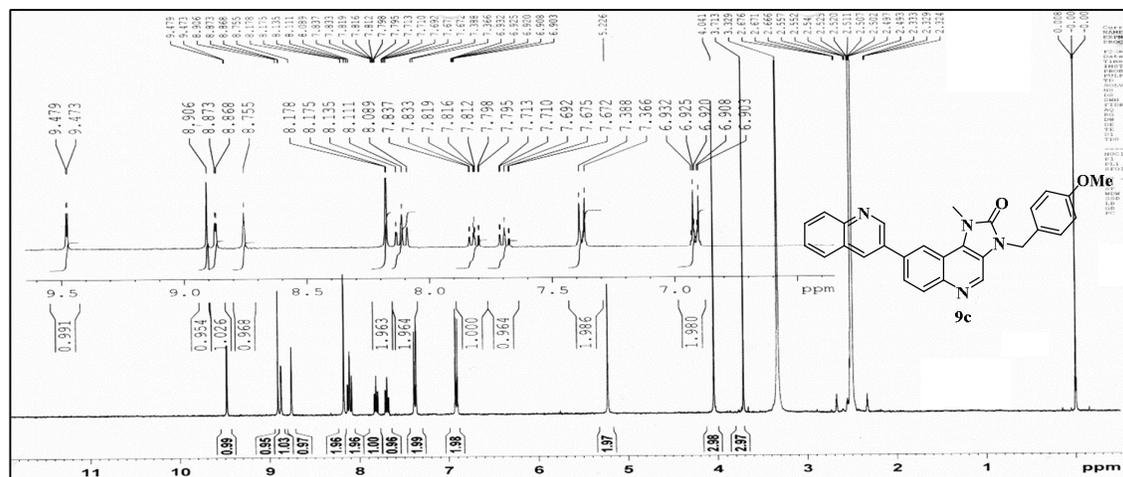
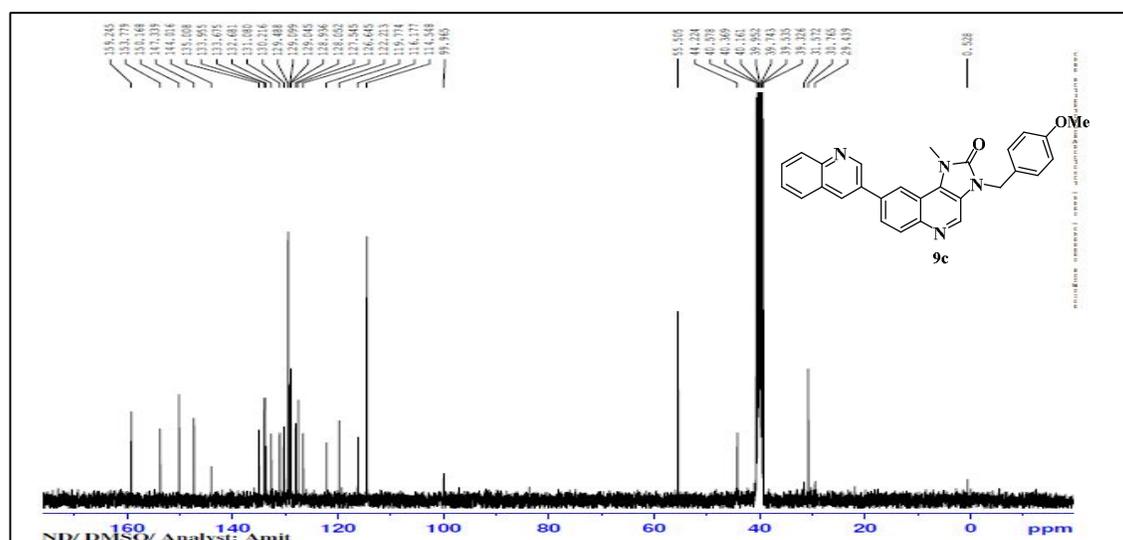
UPLC of intermediate 4

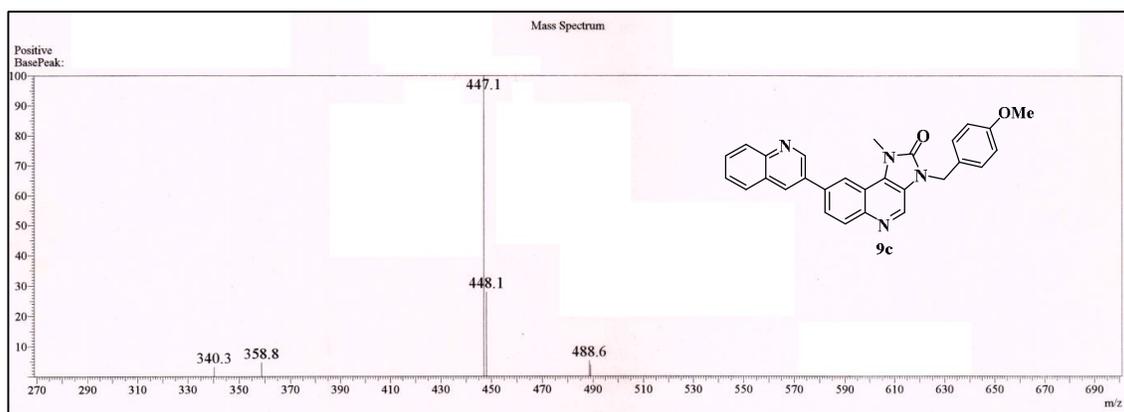


^1H NMR of intermediate **5**

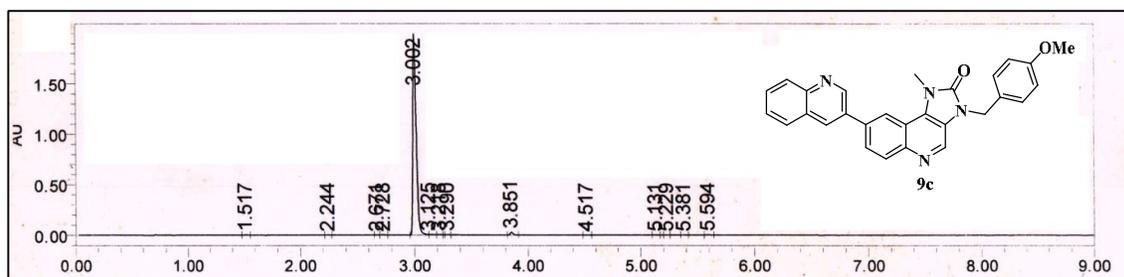
^1H NMR of intermediate **7**ESI-MS of intermediate **7**UPLC of intermediate **7**

^1H NMR of intermediate **8c**ESI-MS of intermediate **8c**UPLC of intermediate **8c**

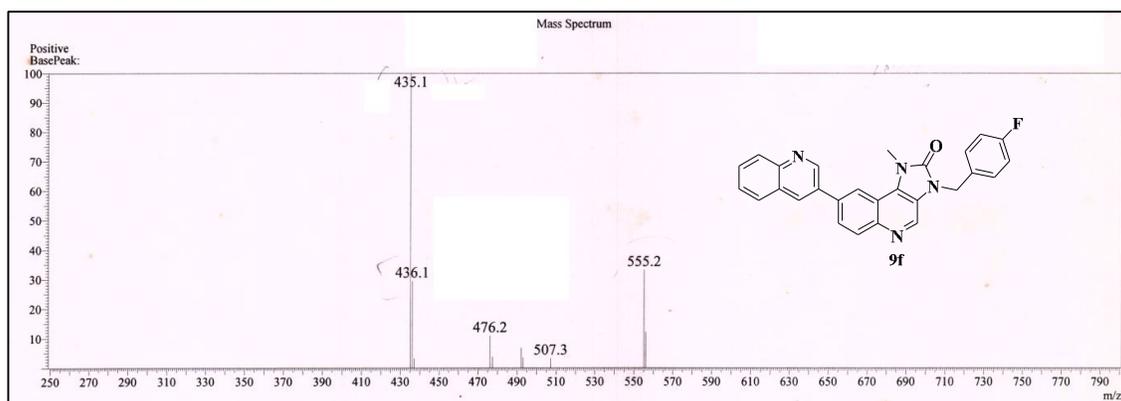
^1H NMR of compound **9c** ^{13}C NMR of compound **9c**ESI-MS of compound **9c**



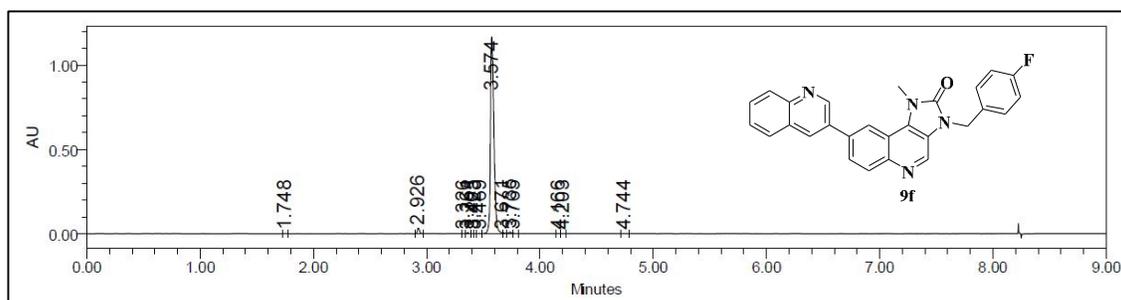
UPLC of compound 9c

¹H NMR of compound 9f

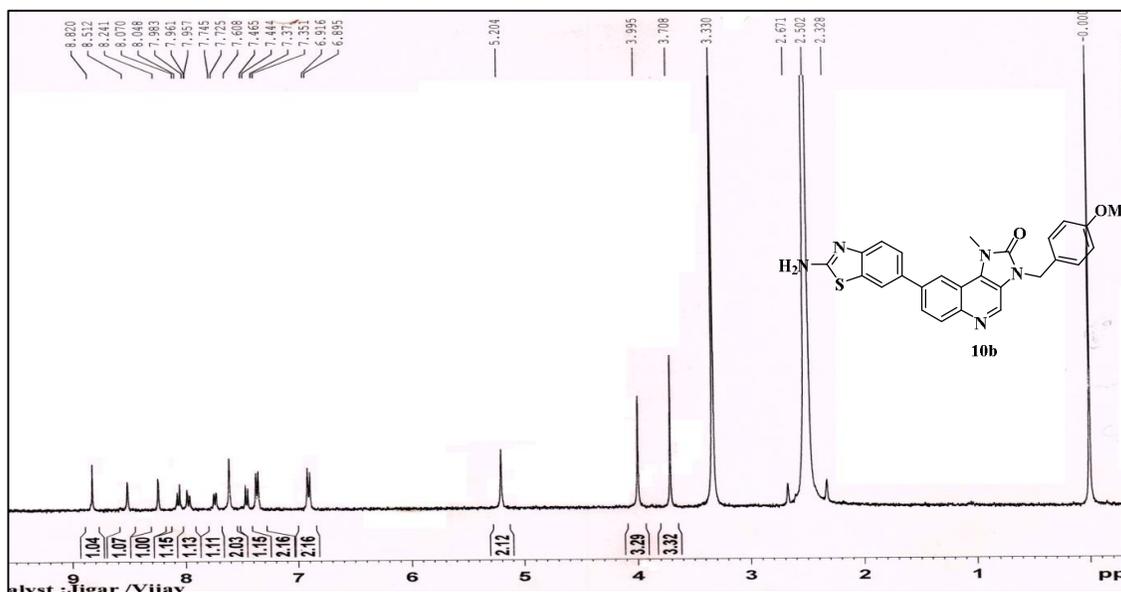
ESI-MS of compound 9f



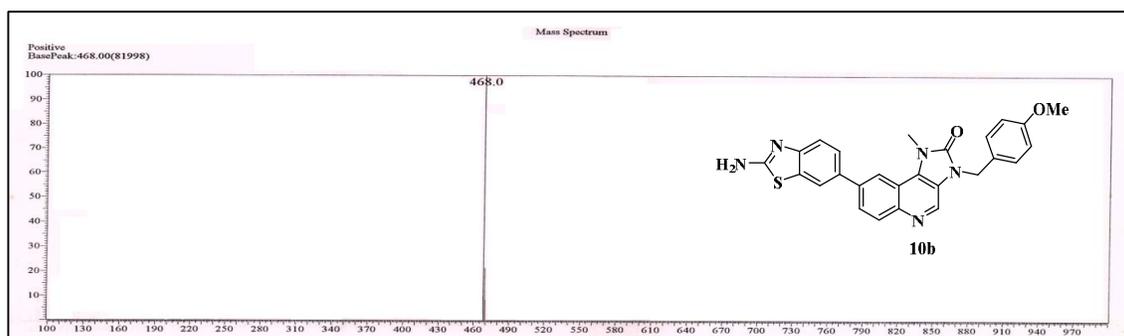
UPLC of compound **9f**



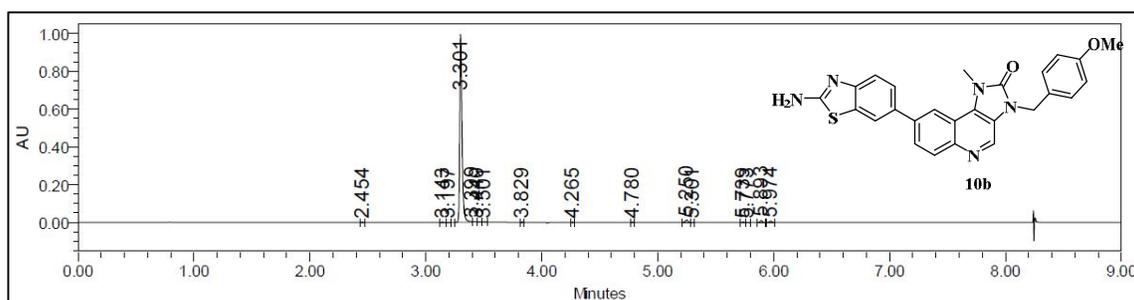
^1H NMR of compound **10b**



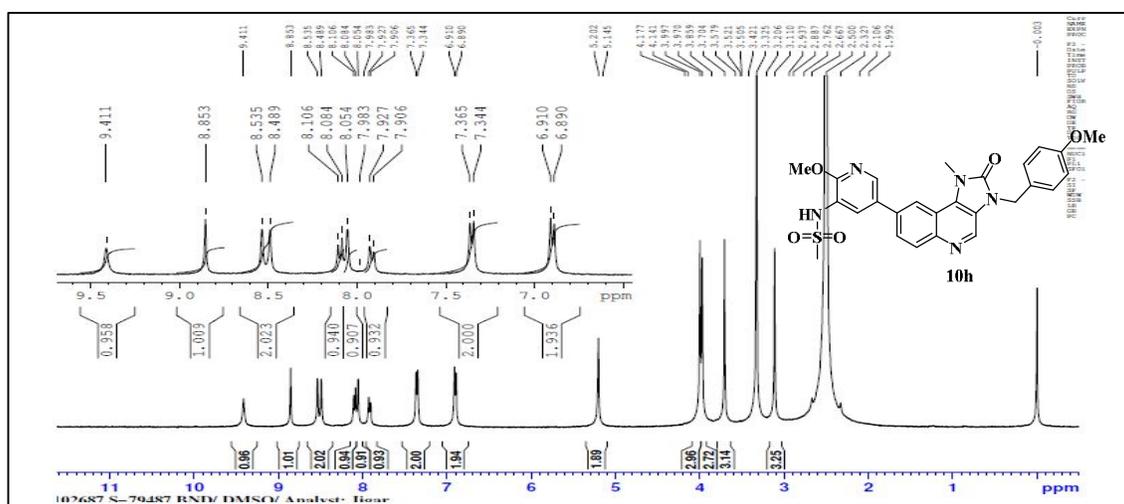
ESI-MS of compound **10b**



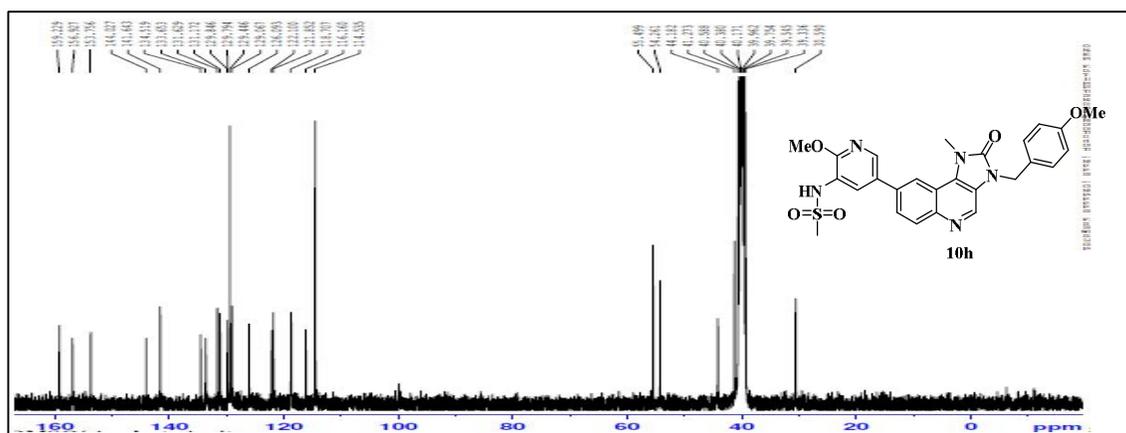
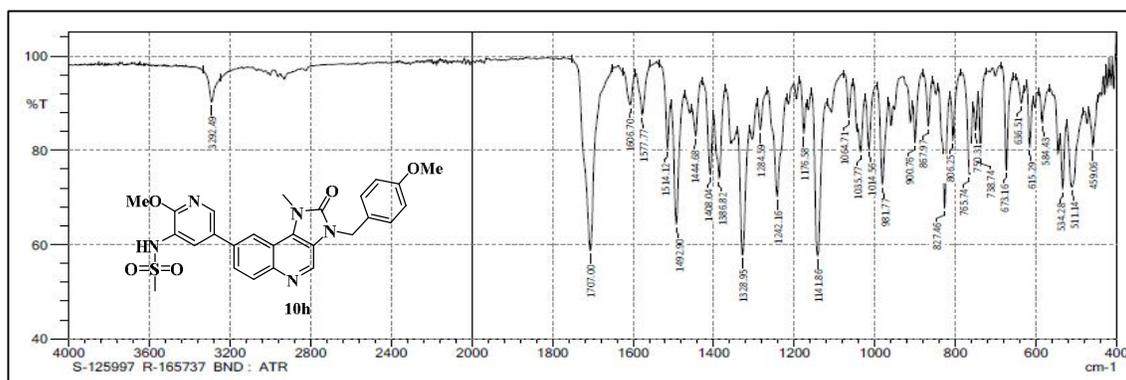
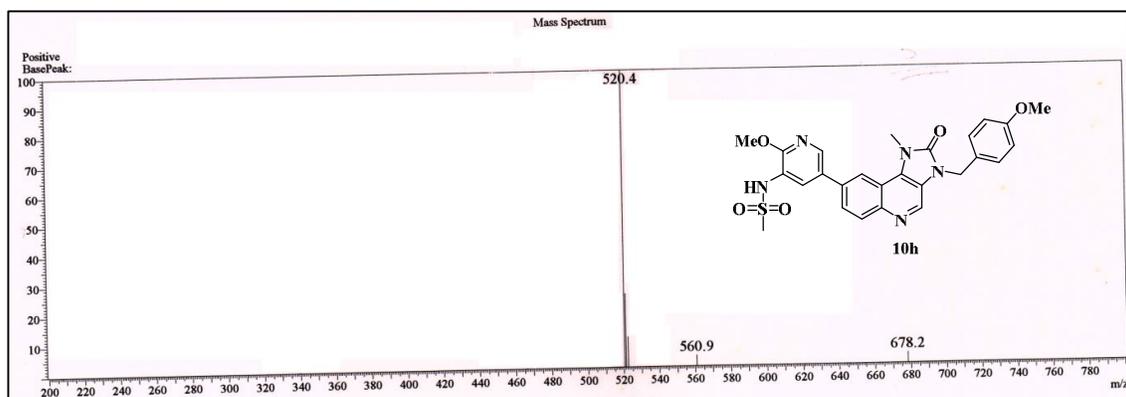
UPLC of compound 10b

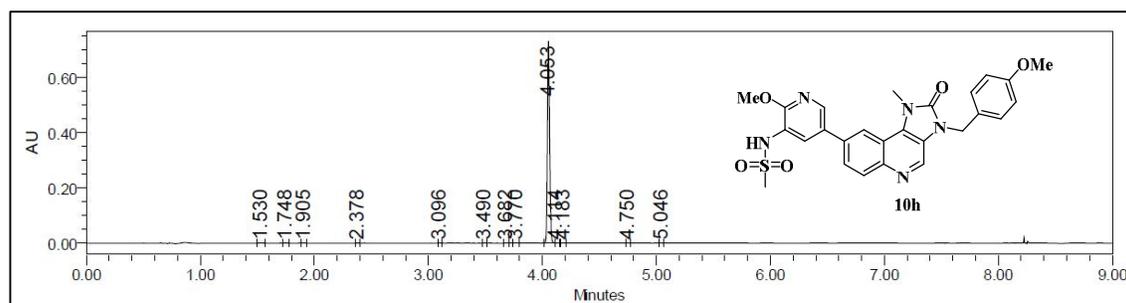


¹H NMR of compound 10h

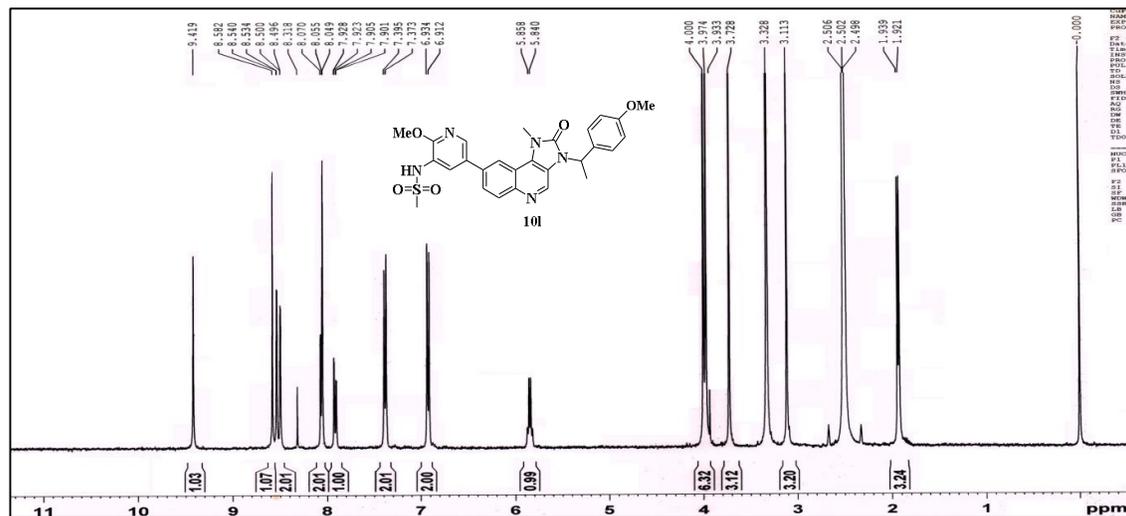


¹³C NMR of compound 10h

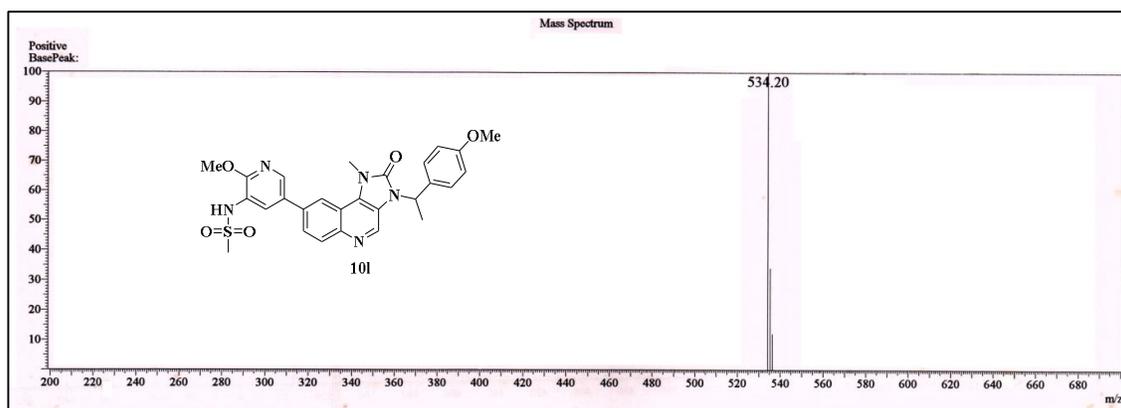
FTIR of compound **10h**ESI-MS of compound **10h**UPLC of compound **10h**



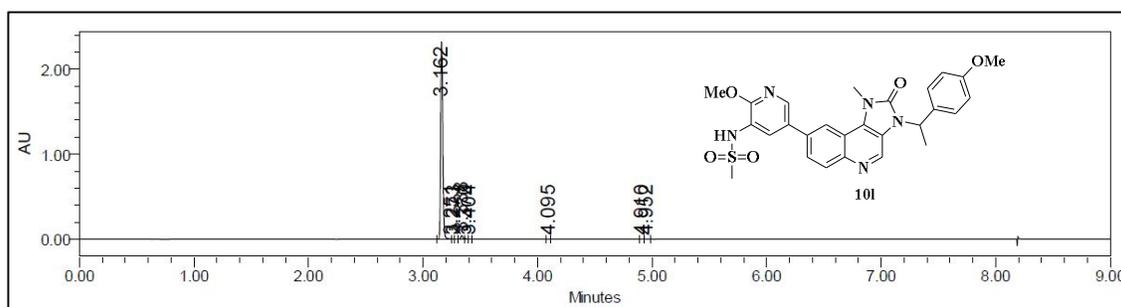
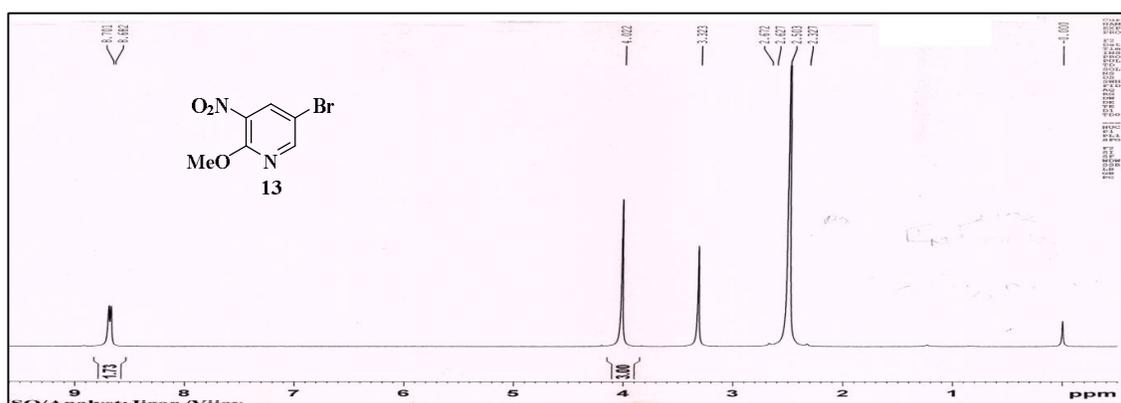
¹H NMR of compound 10l



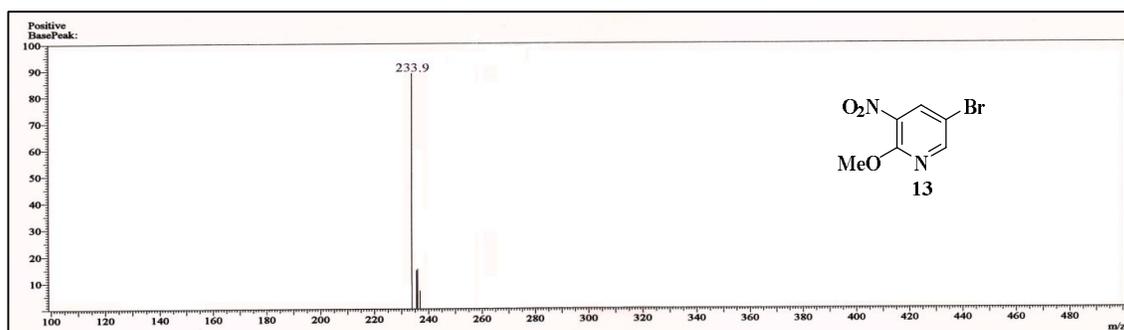
ESI-MS of compound 10l



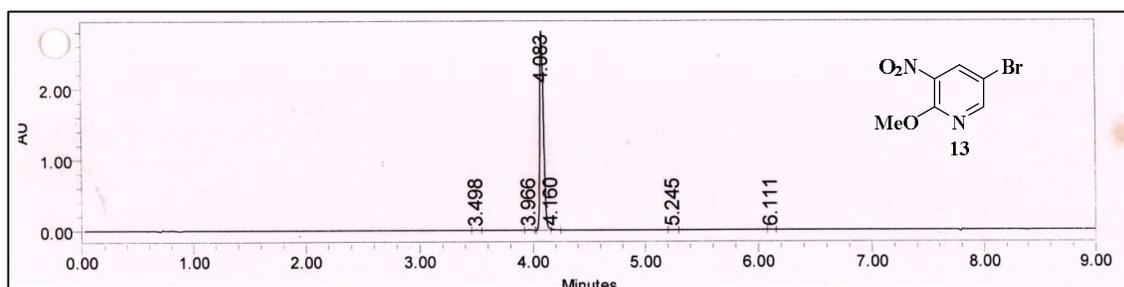
UPLC of compound 101

 ^1H NMR of intermediate 13

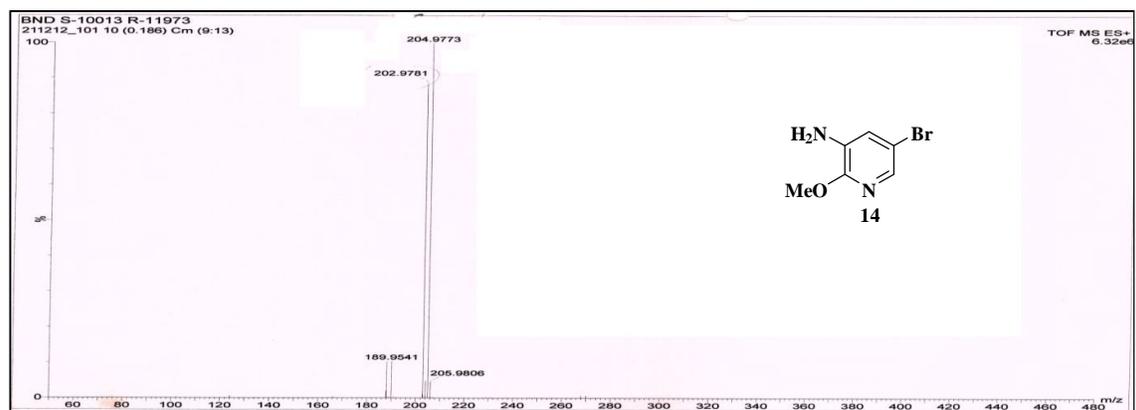
ESI-MS of intermediate 13



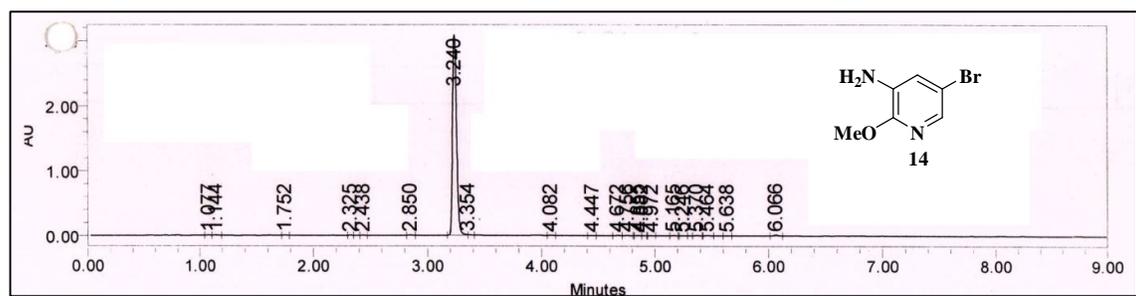
UPLC of intermediate 13

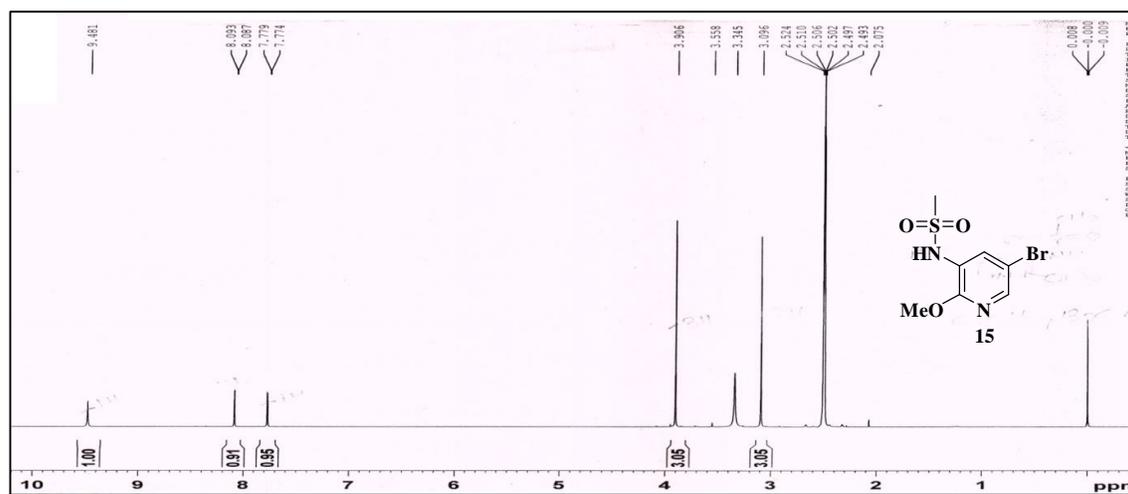
 ^1H NMR of intermediate 14

HRMS of intermediate 14

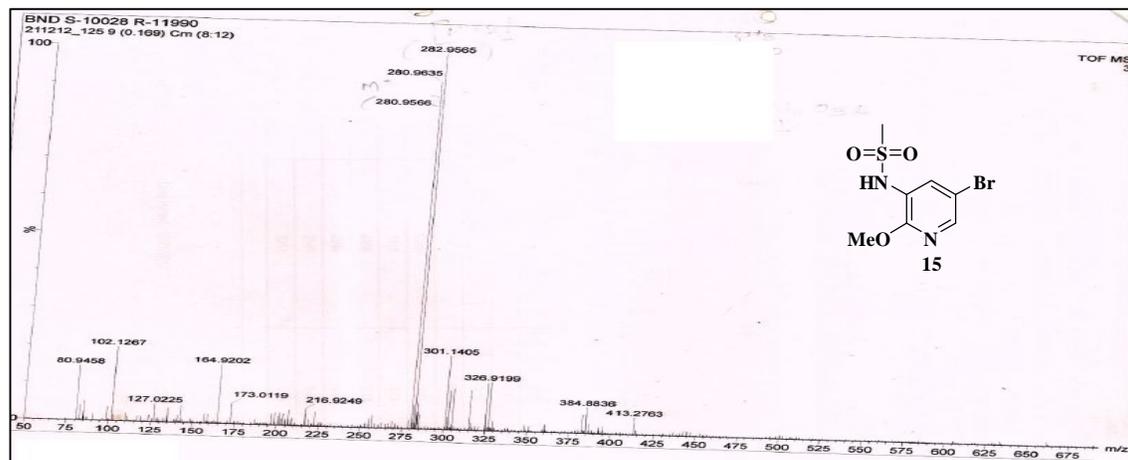


UPLC of intermediate 14

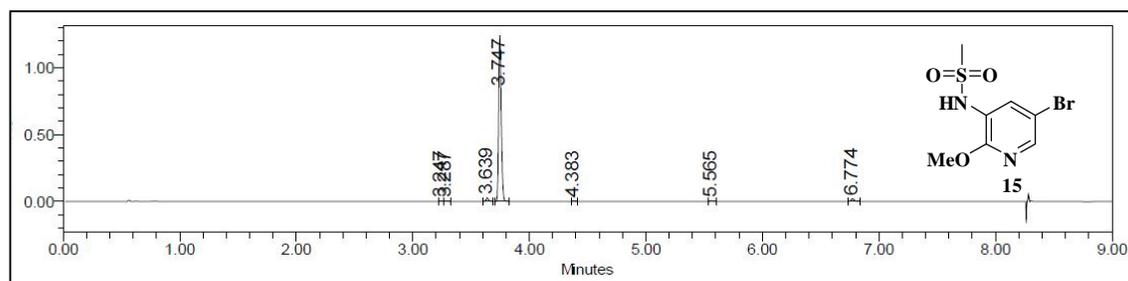
 ^1H NMR of intermediate 15

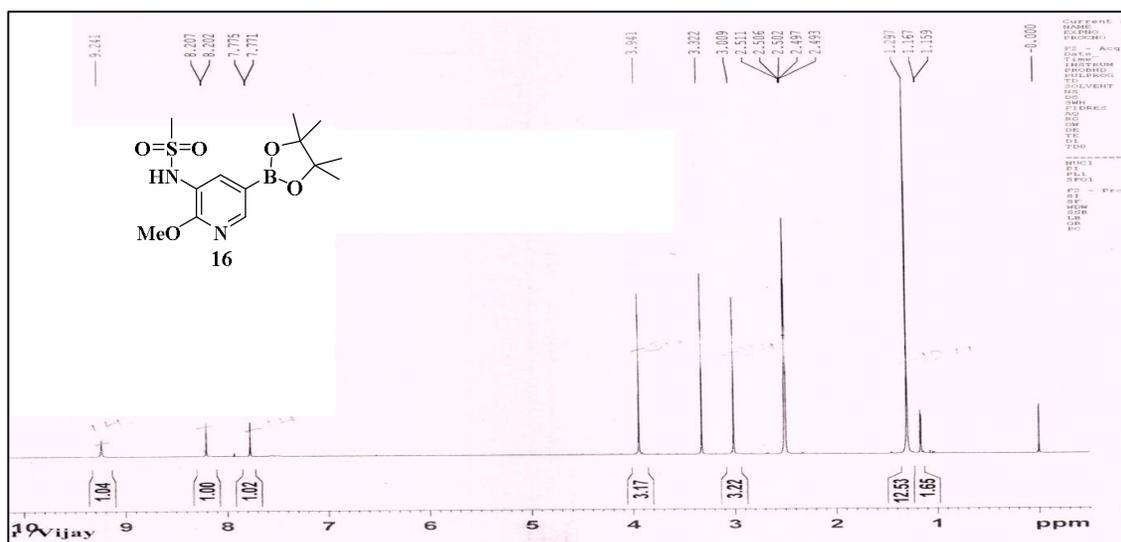


ESI-MS of intermediate 15

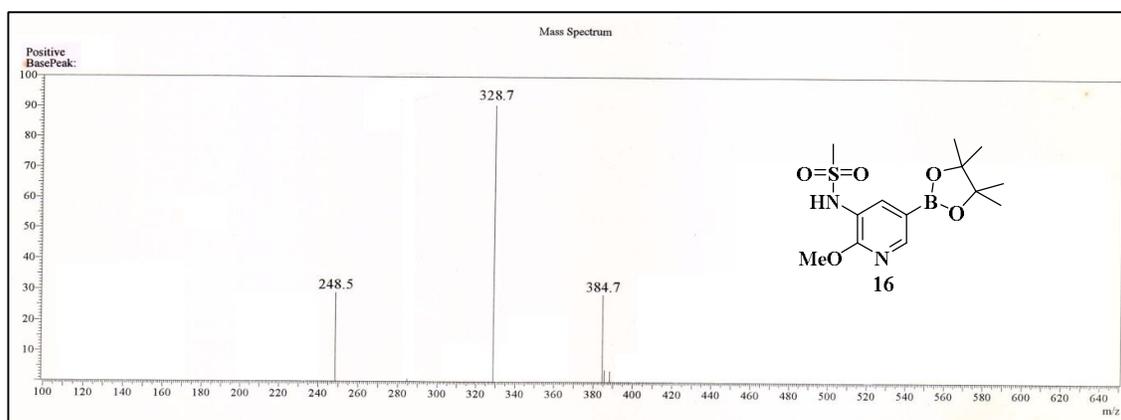


UPLC of intermediate 15

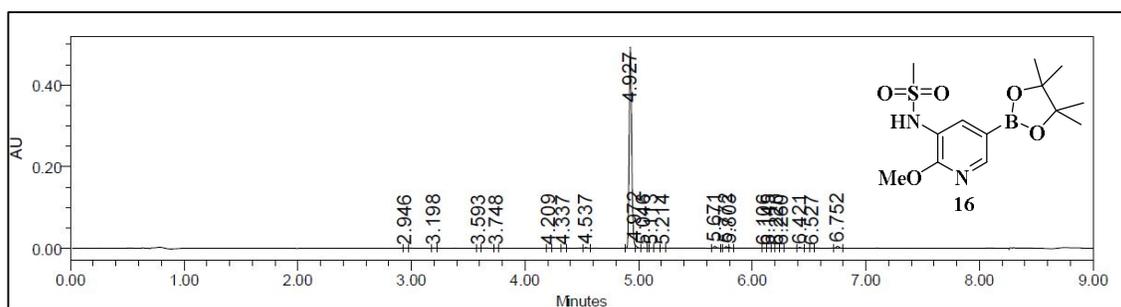
¹H NMR of intermediate 16

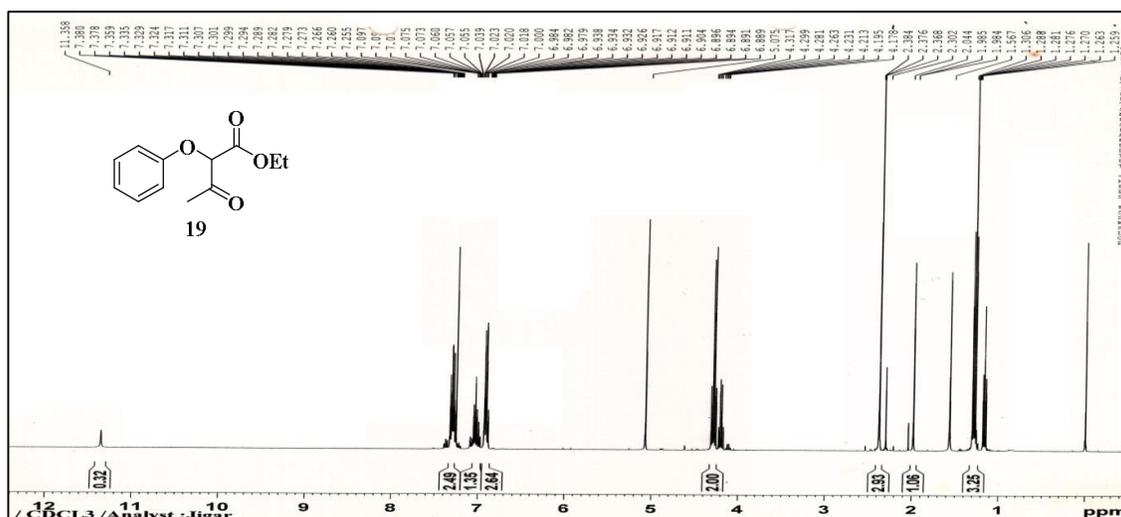


ESI-MS of intermediate 16

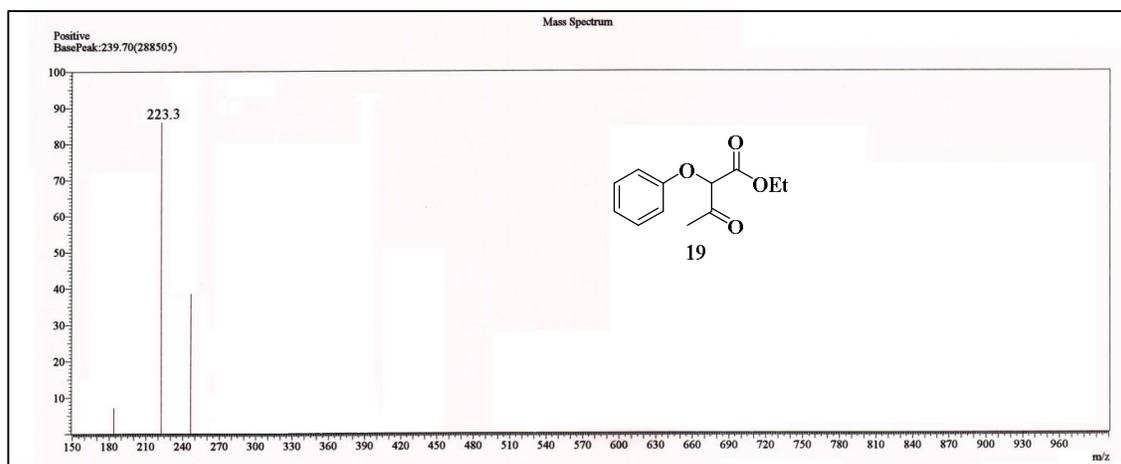


UPLC of intermediate 16

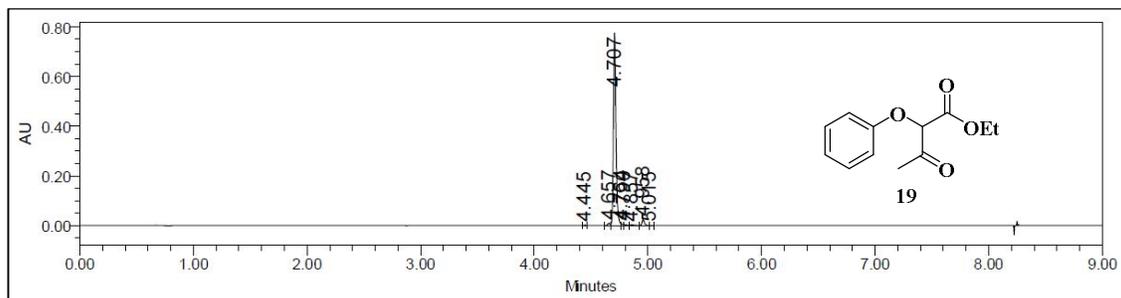
¹H NMR of intermediate 19

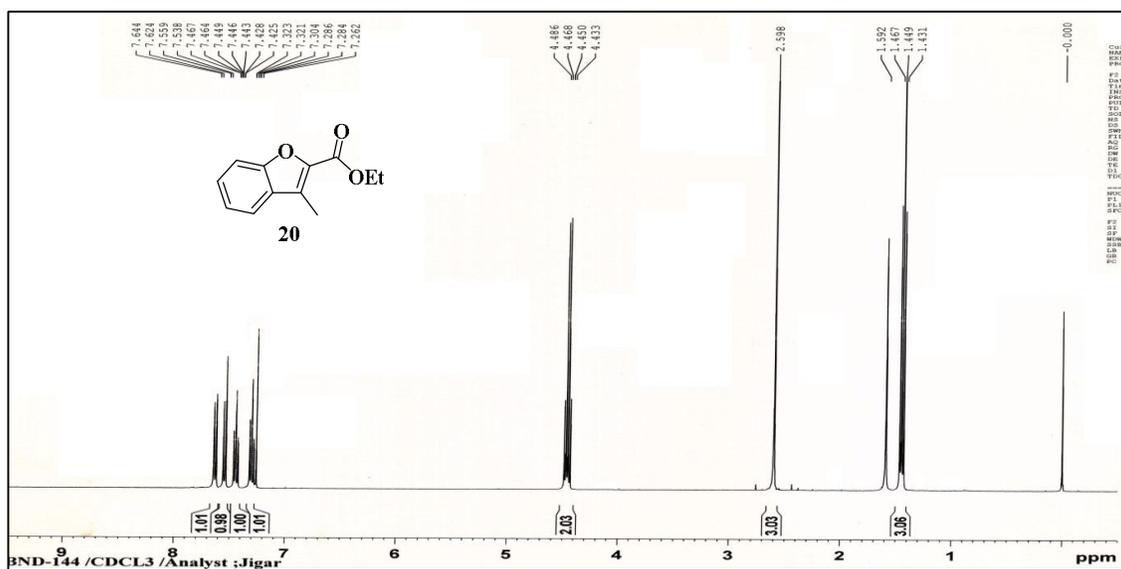
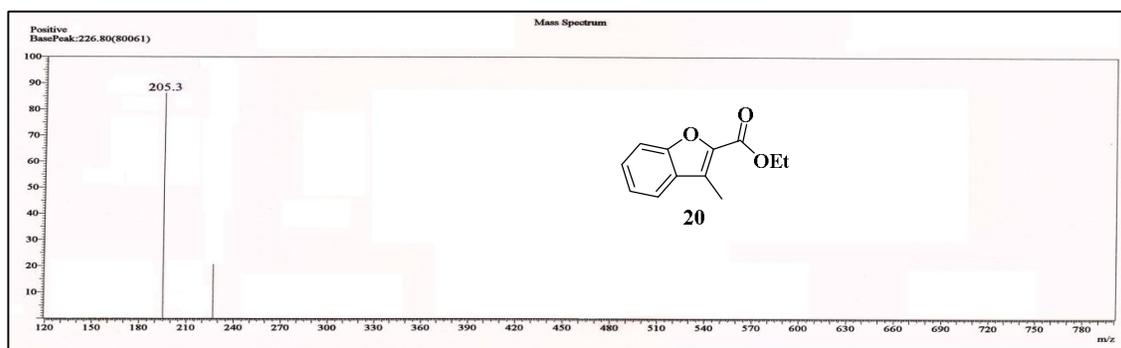
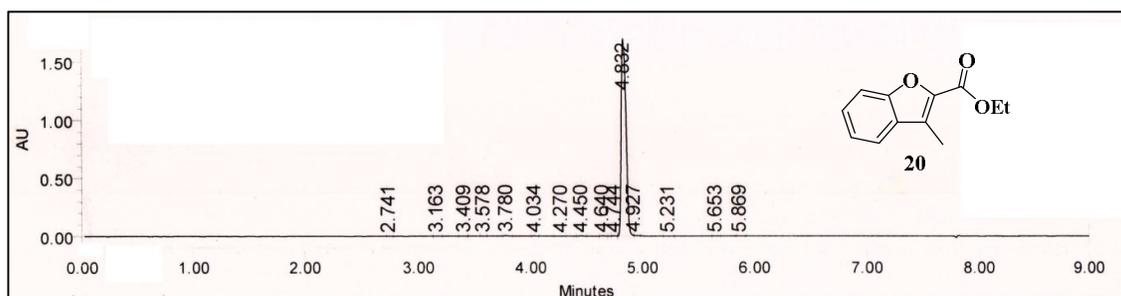


ESI-MS of intermediate 19



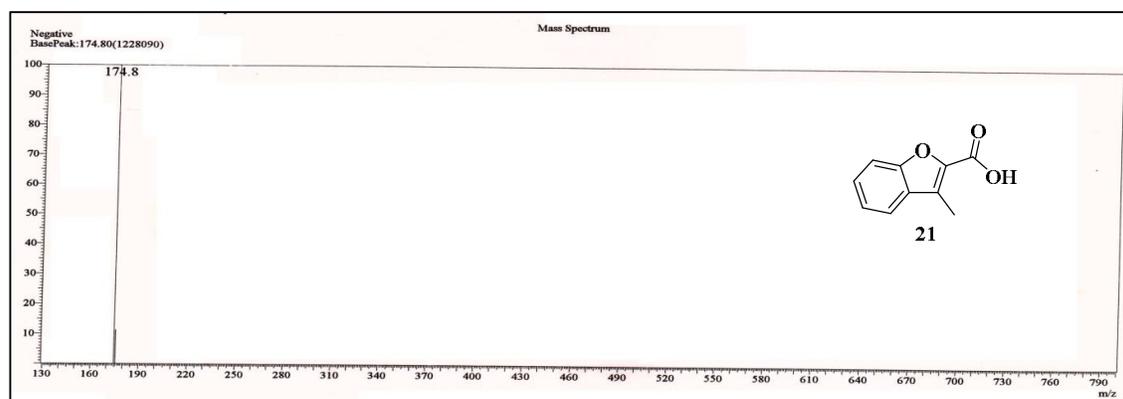
UPLC of intermediate 19

¹H NMR of intermediate 20

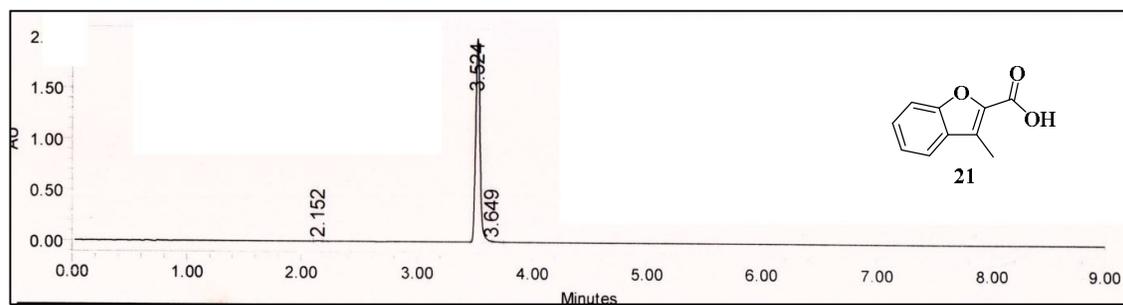
ESI-MS of intermediate **20**UPLC of intermediate **20**¹H NMR of intermediate **21**

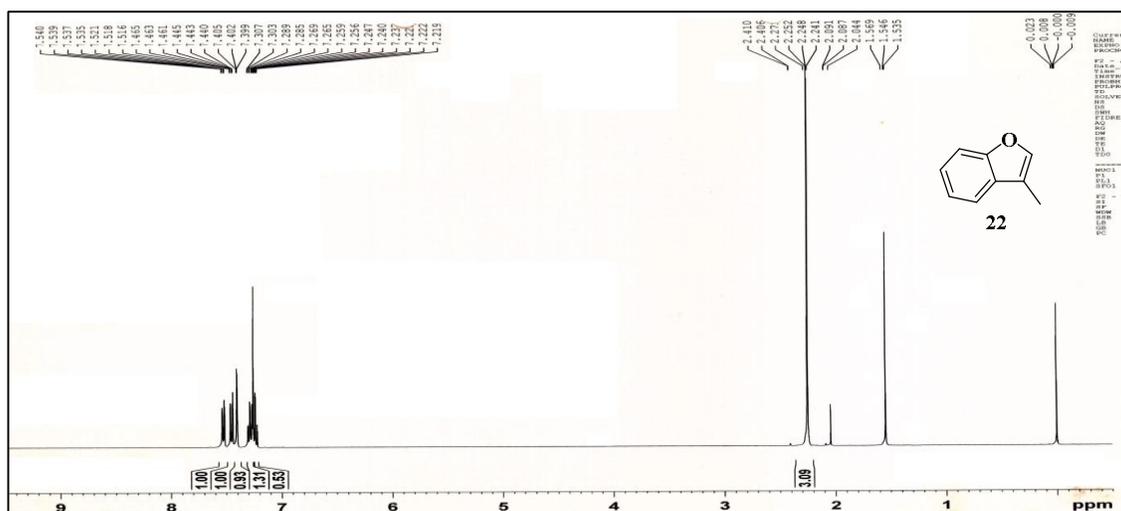
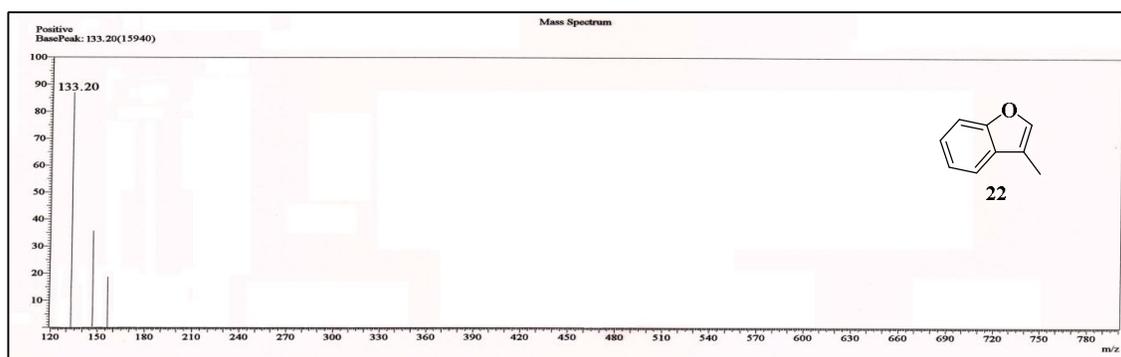
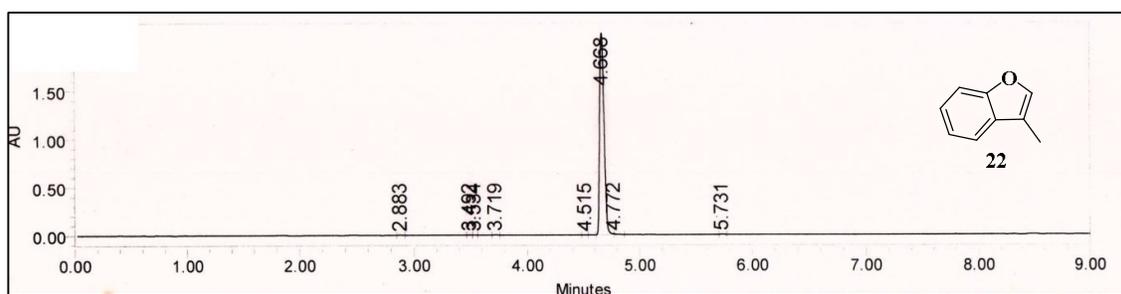


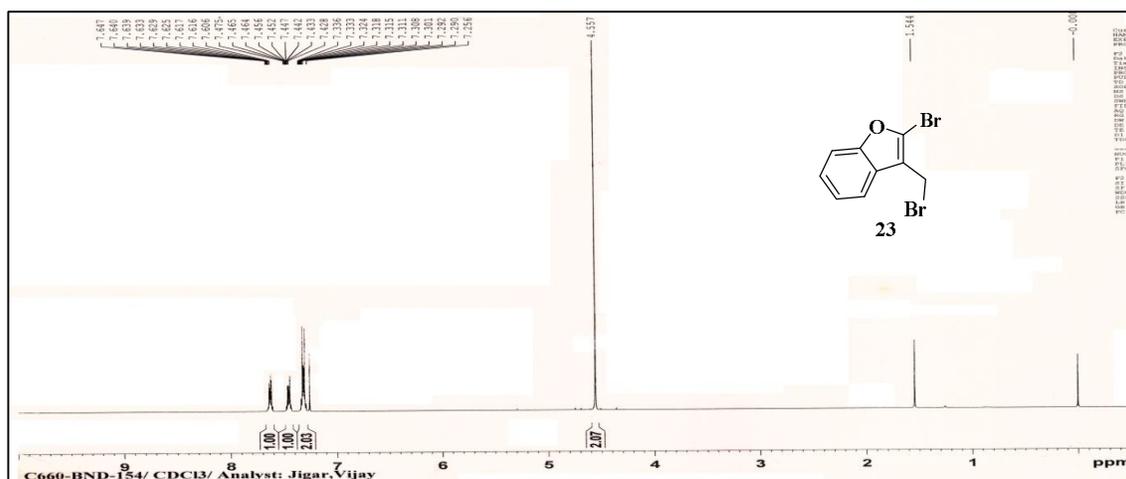
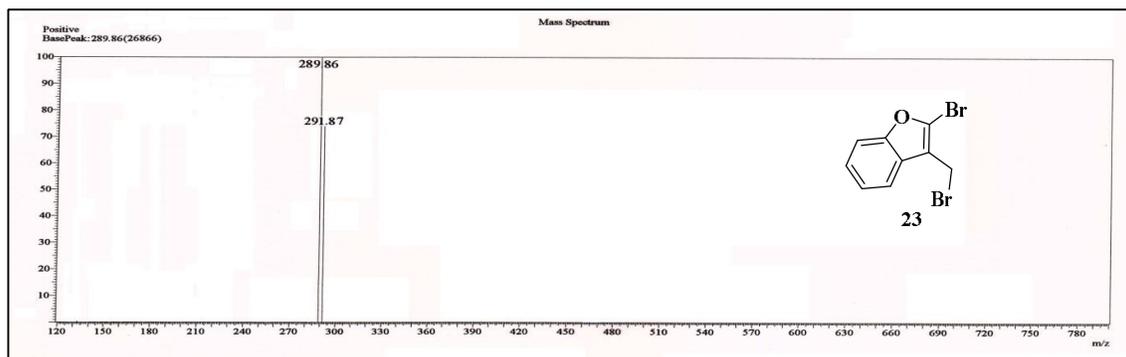
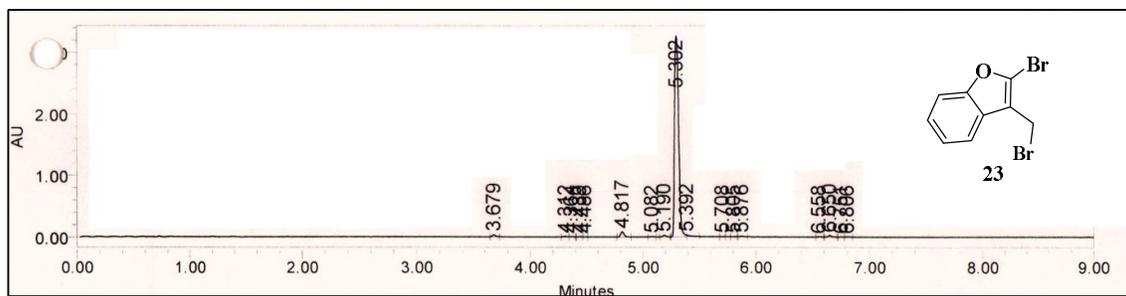
ESI-MS of intermediate 21

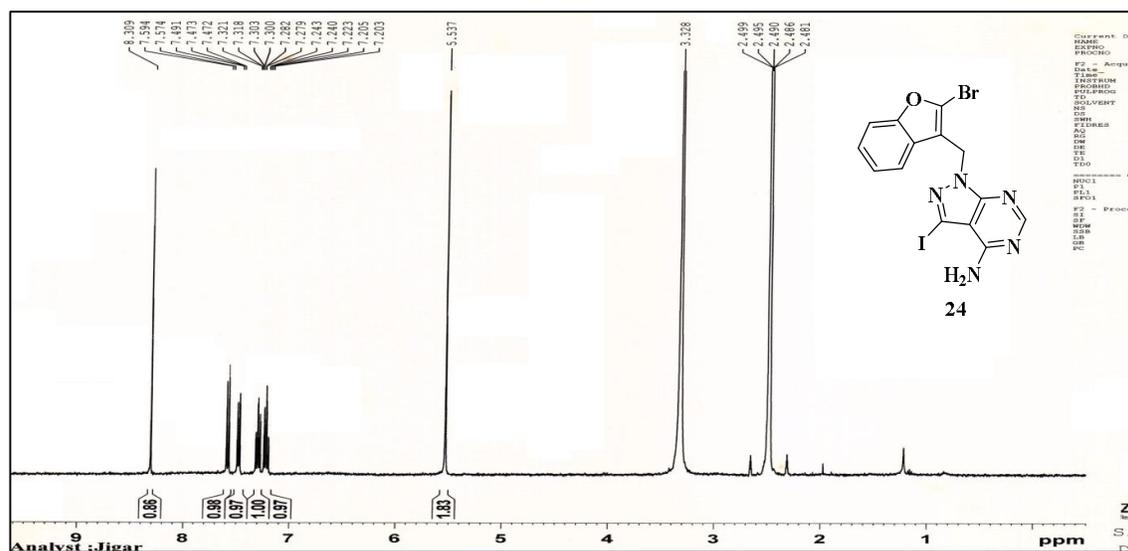
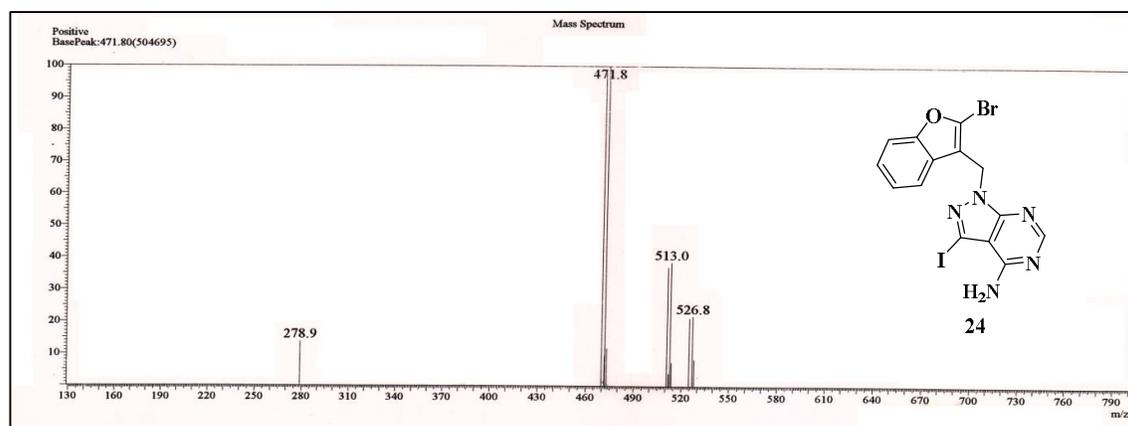
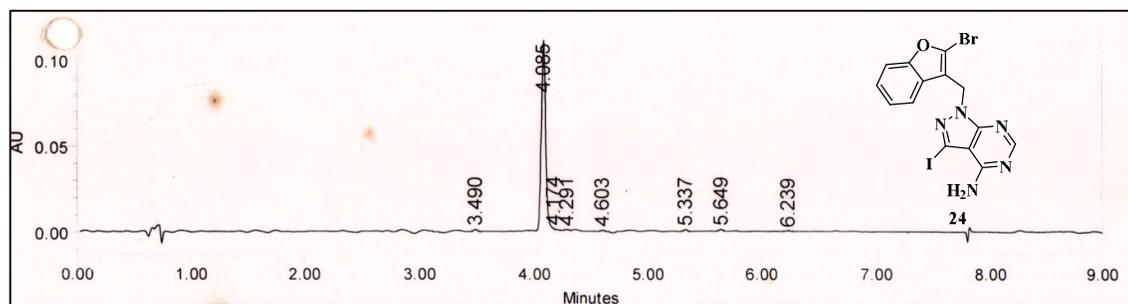


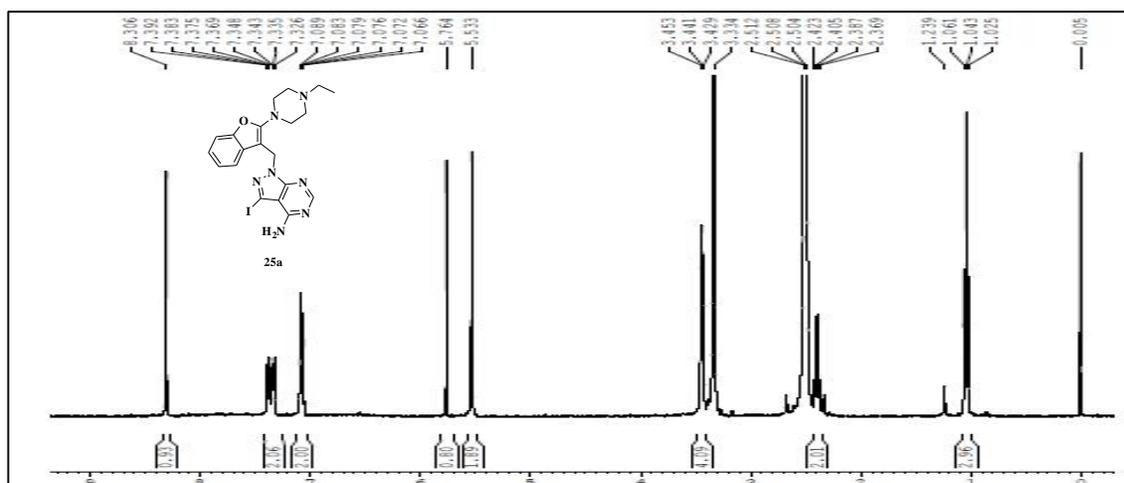
UPLC of intermediate 21

¹H NMR of intermediate 22

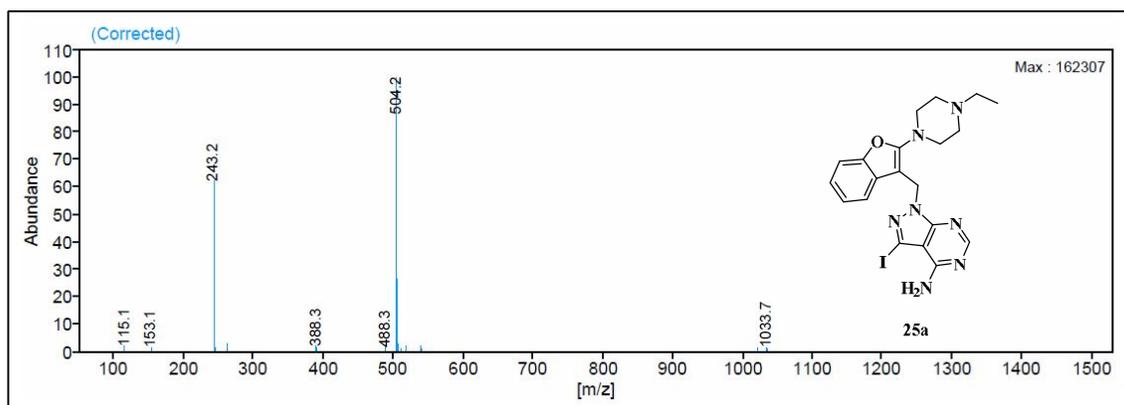
ESI-MS of intermediate **22**UPLC of intermediate **22**¹H NMR of intermediate **23**

ESI-MS of intermediate **23**UPLC of intermediate **23**¹H NMR of intermediate **24**

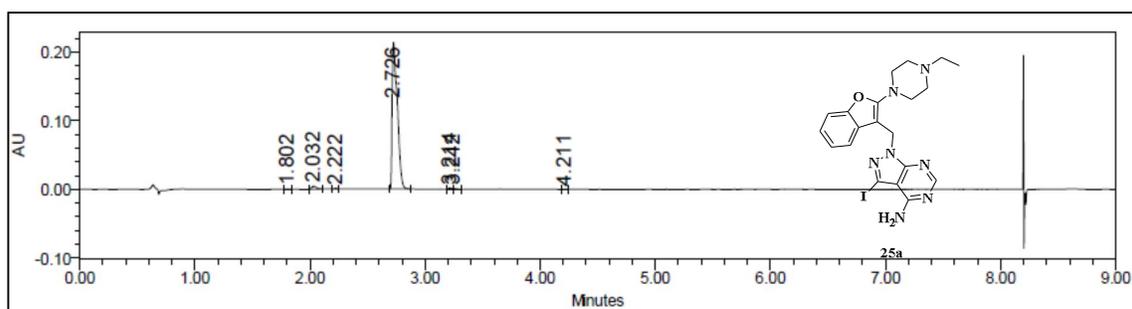
ESI-MS of intermediate **24**UPLC of intermediate **24**¹H NMR of intermediate **25a**

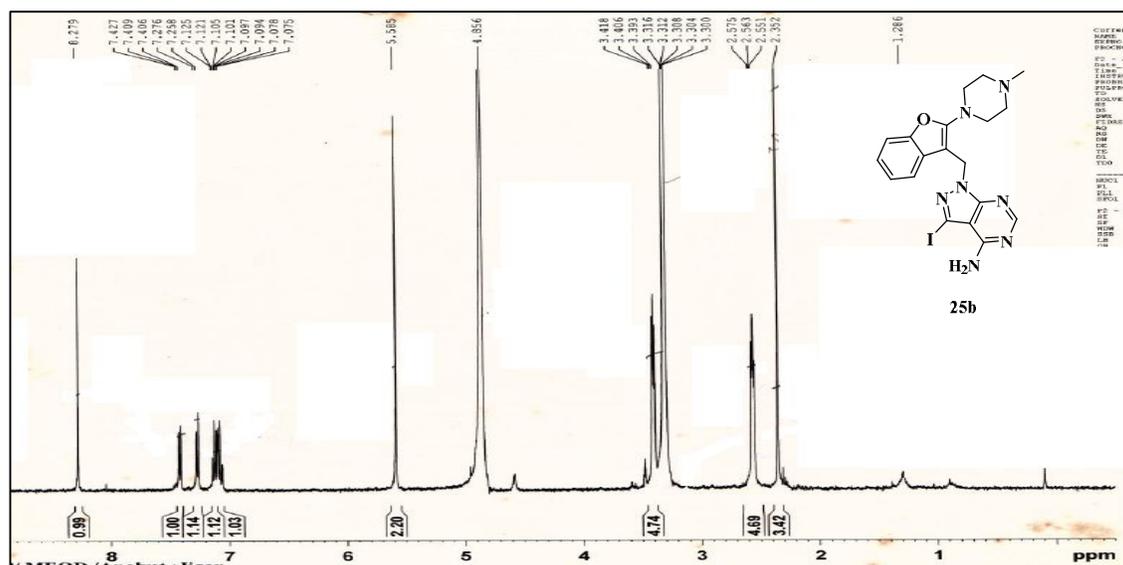


ESI-MS of intermediate 25a

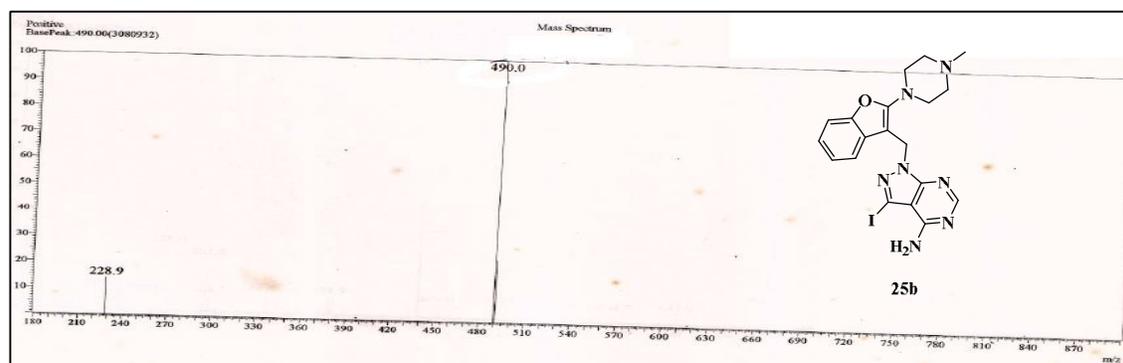


UPLC of intermediate 25a

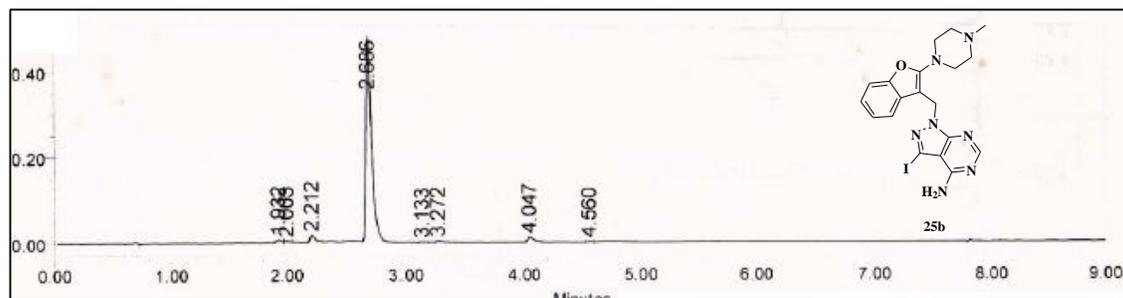
¹H NMR of intermediate 25b

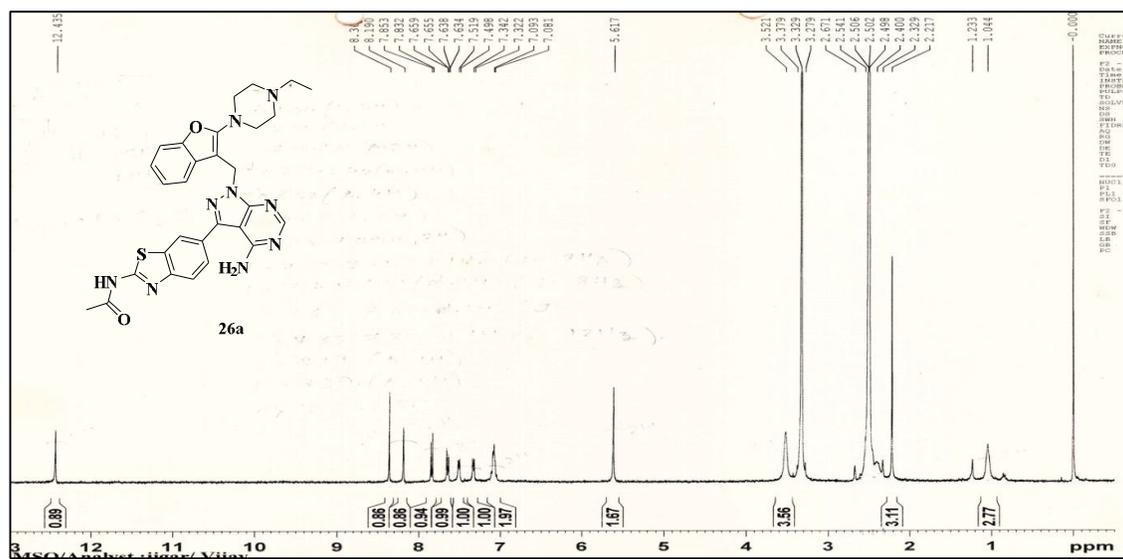


ESI-MS of intermediate 25b

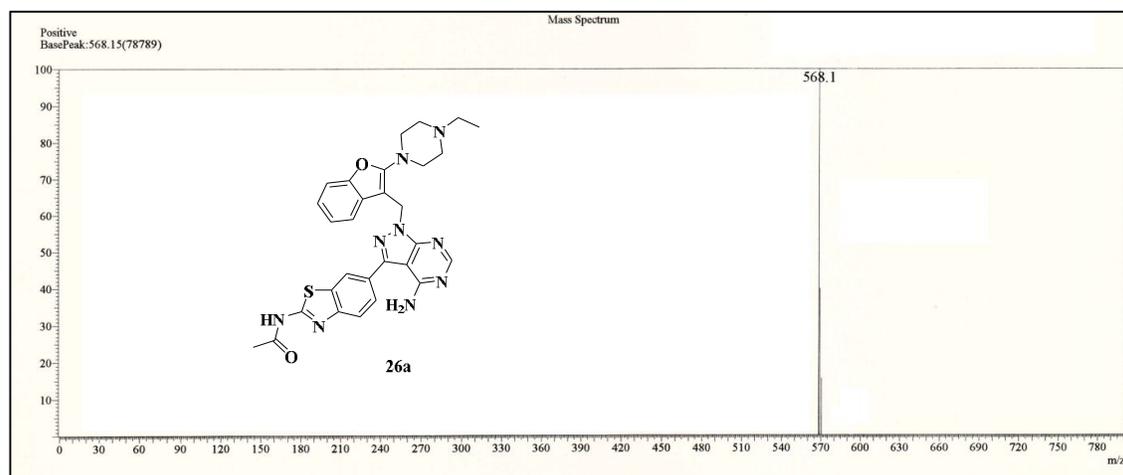


UPLC of intermediate 25b

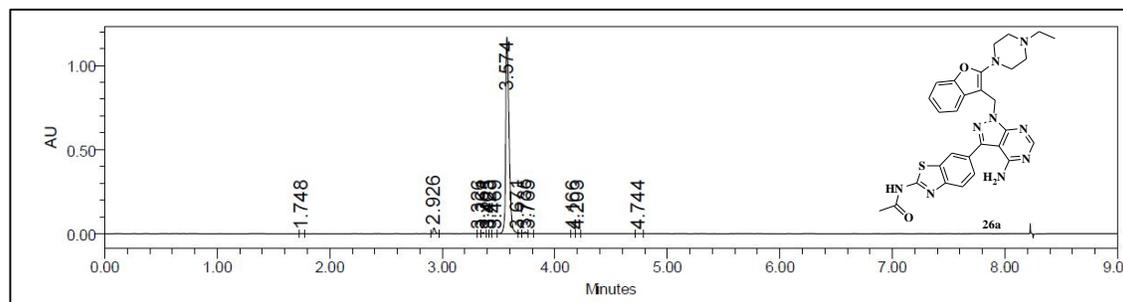
¹H NMR of compound 26a

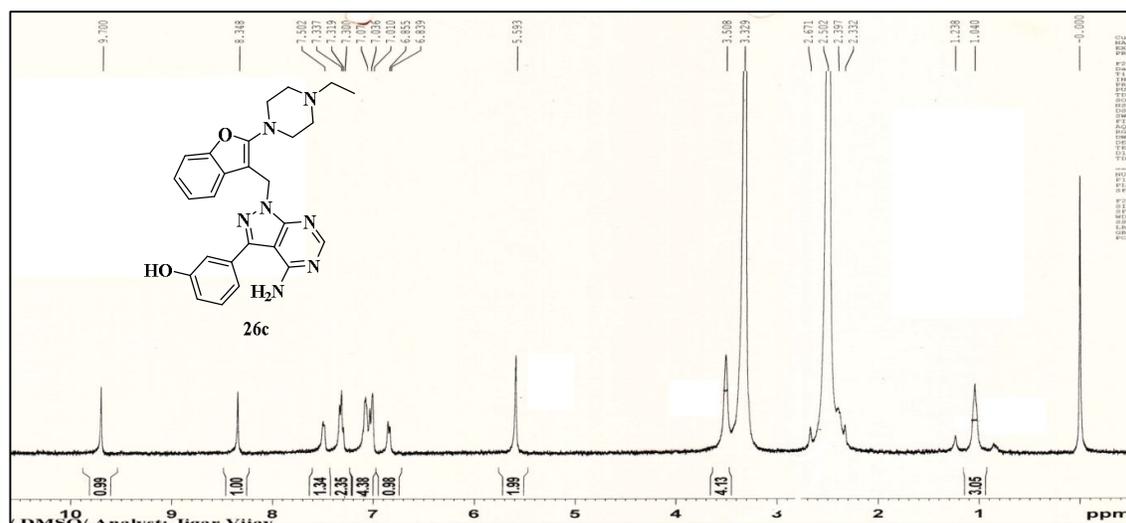
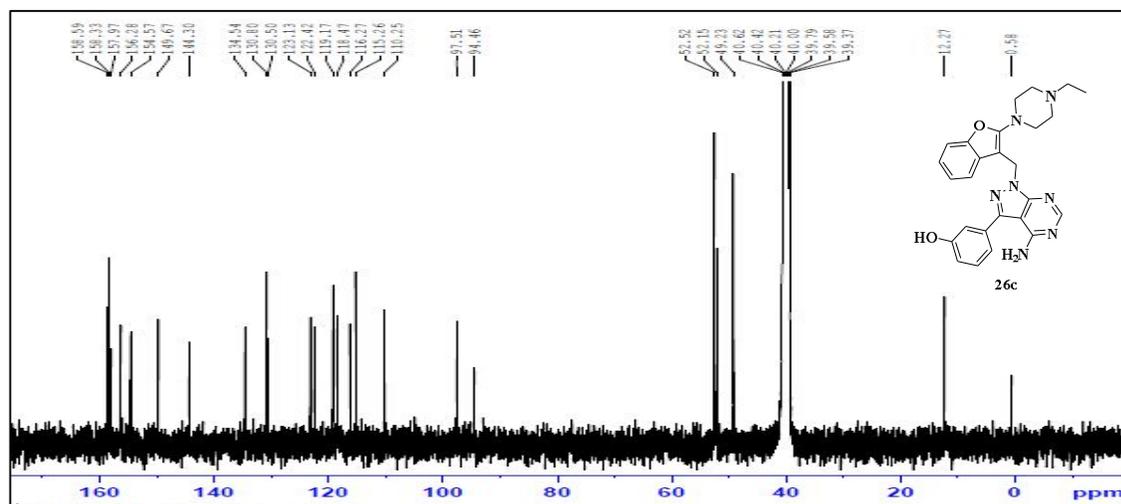
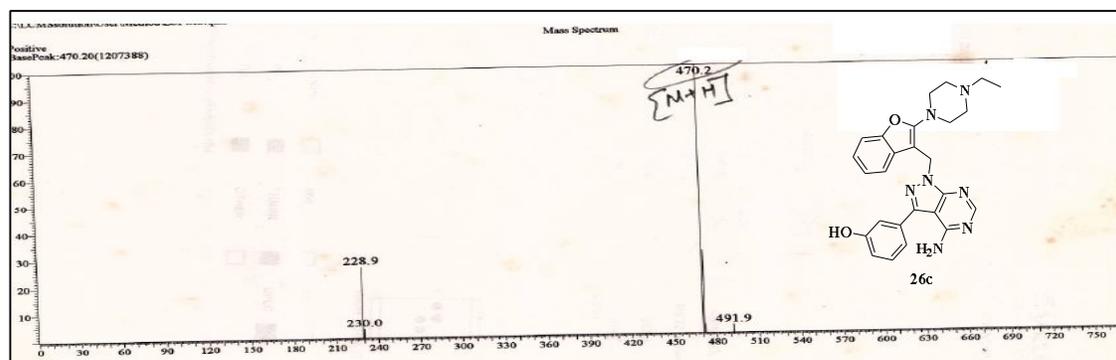


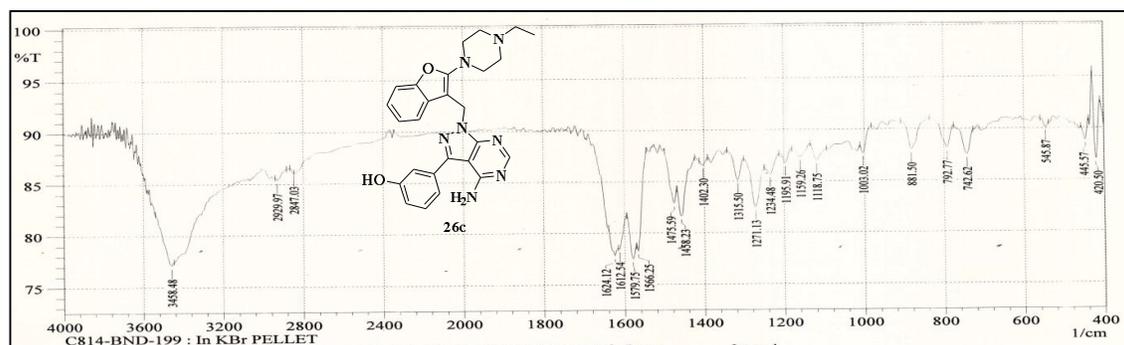
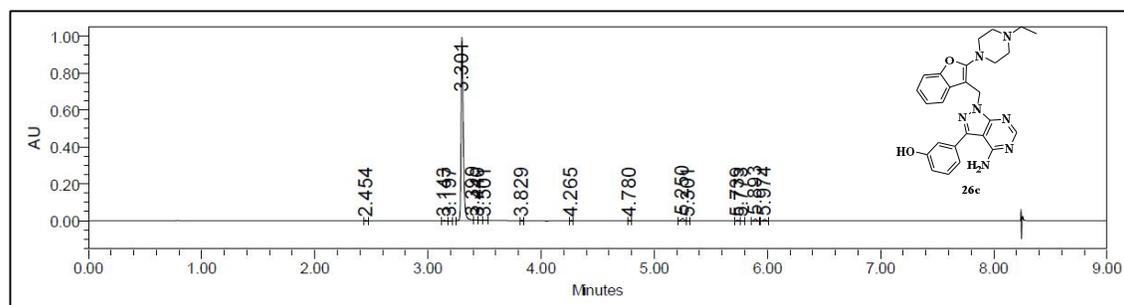
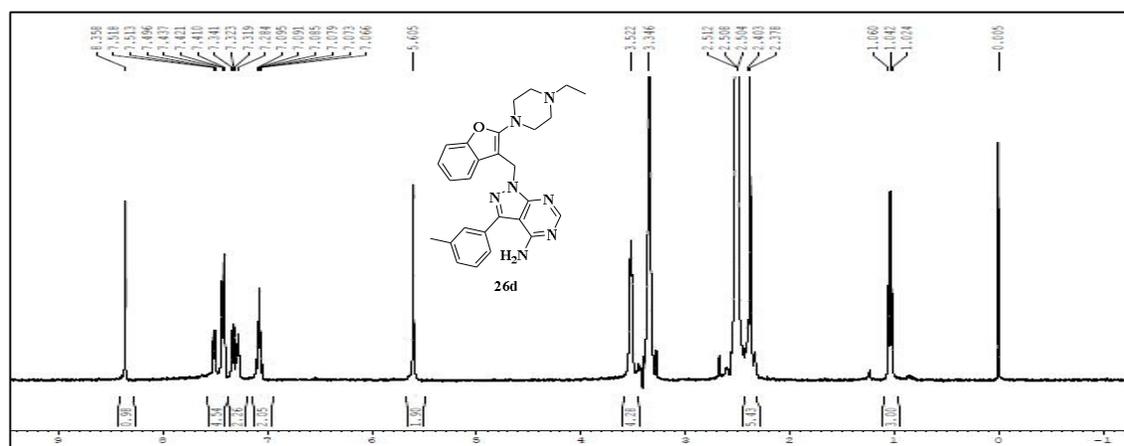
ESI-MS of compound 26a

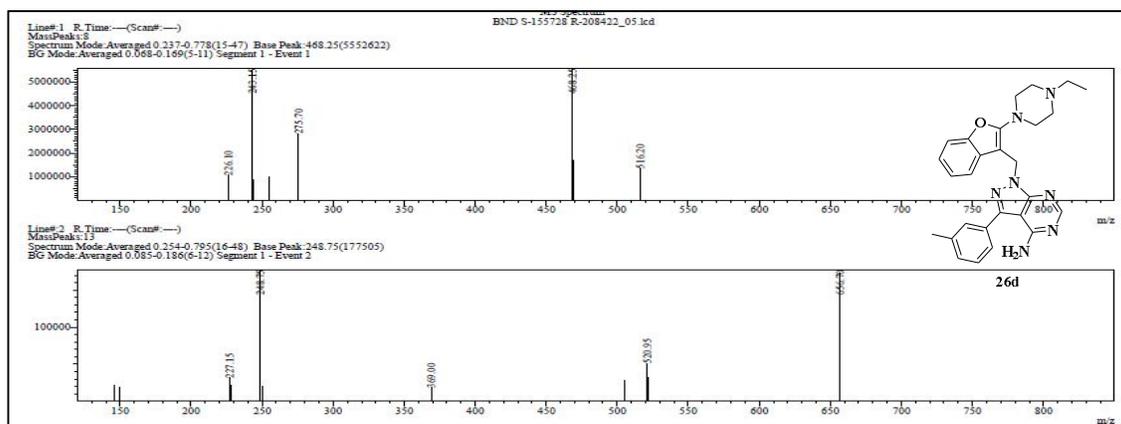
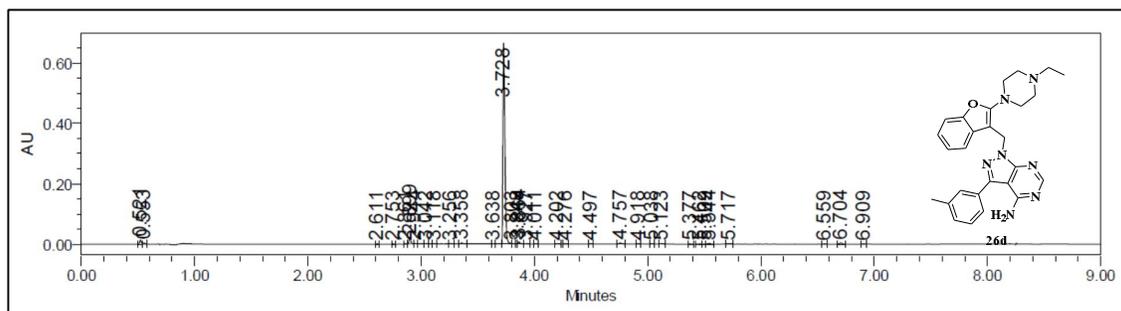
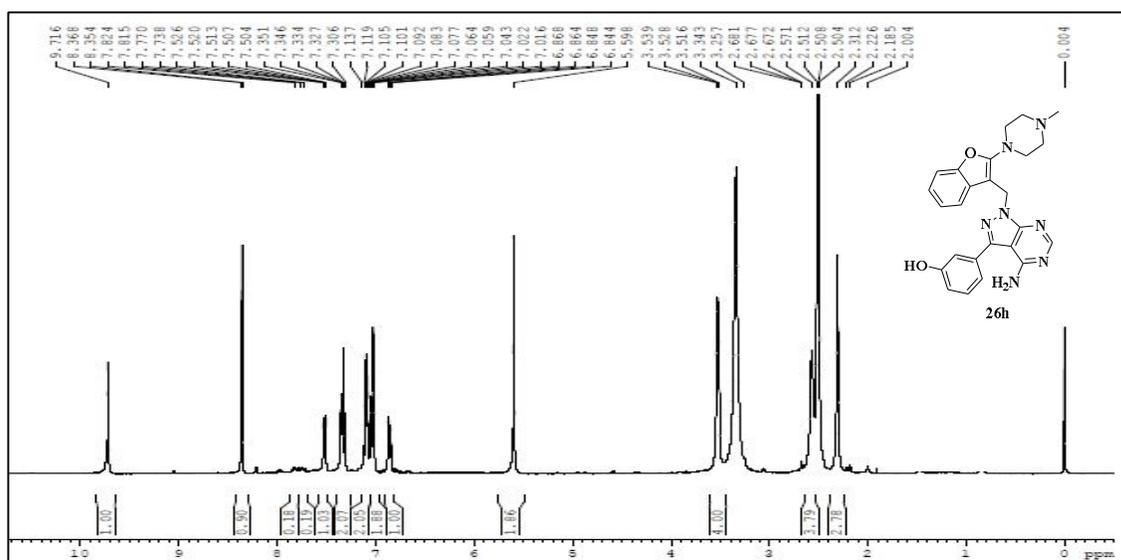


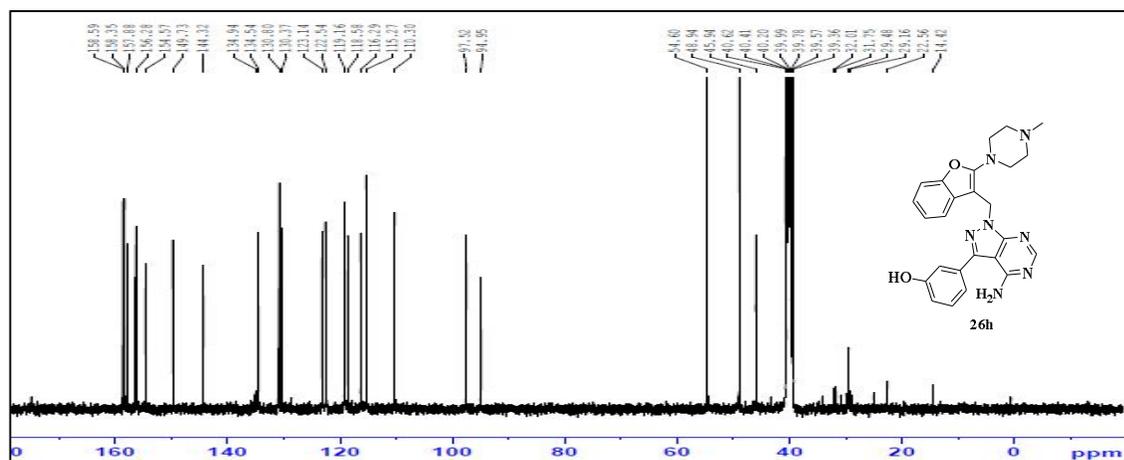
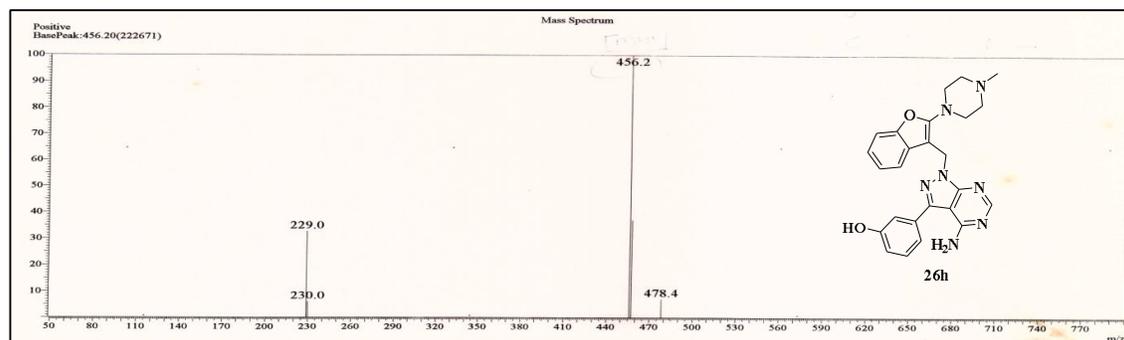
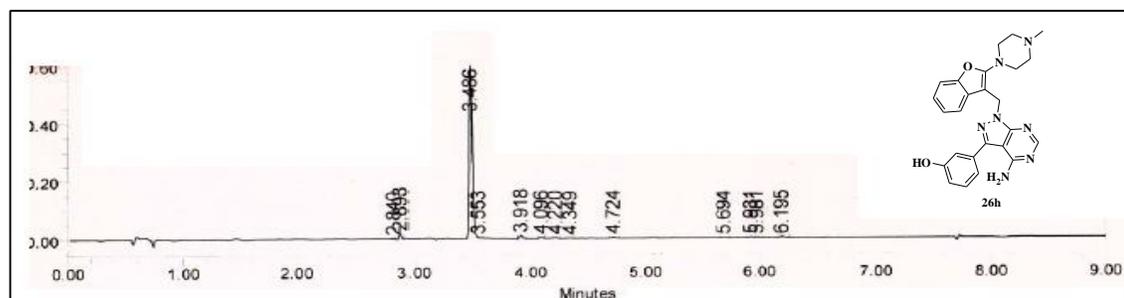
UPLC of compound 26a

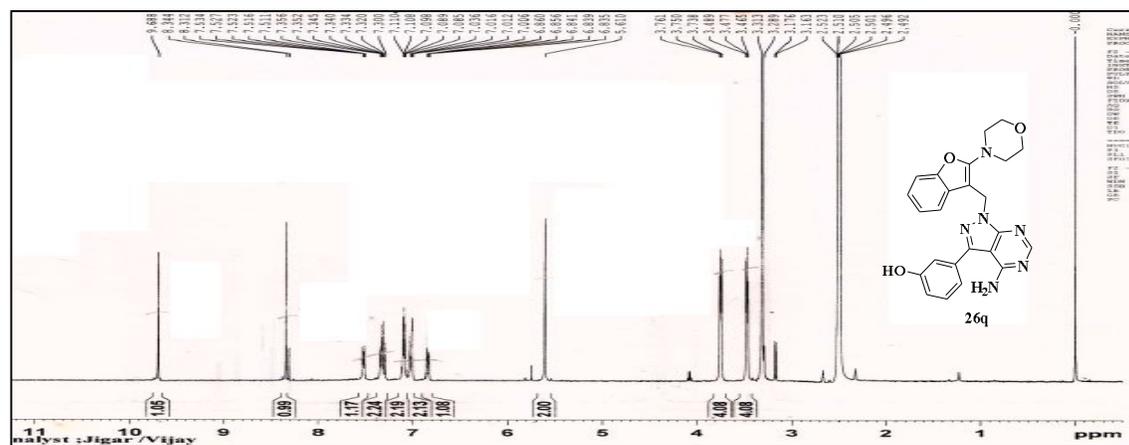
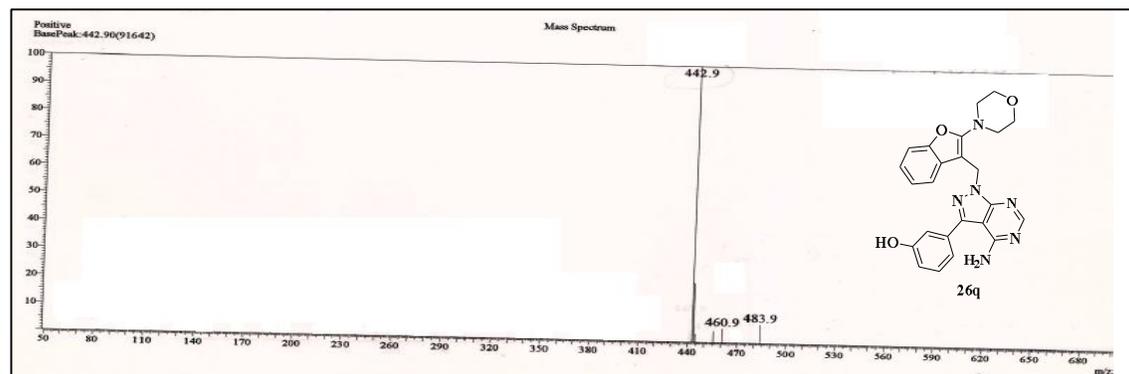
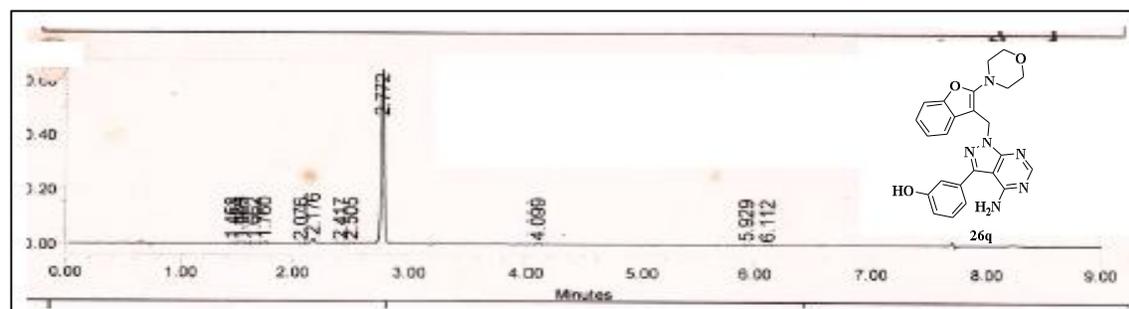
¹H NMR of compound 26c

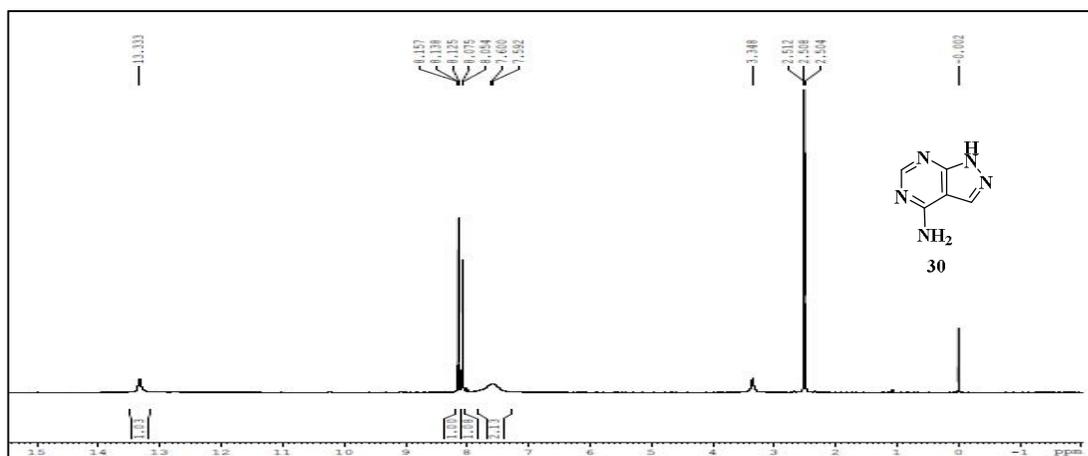
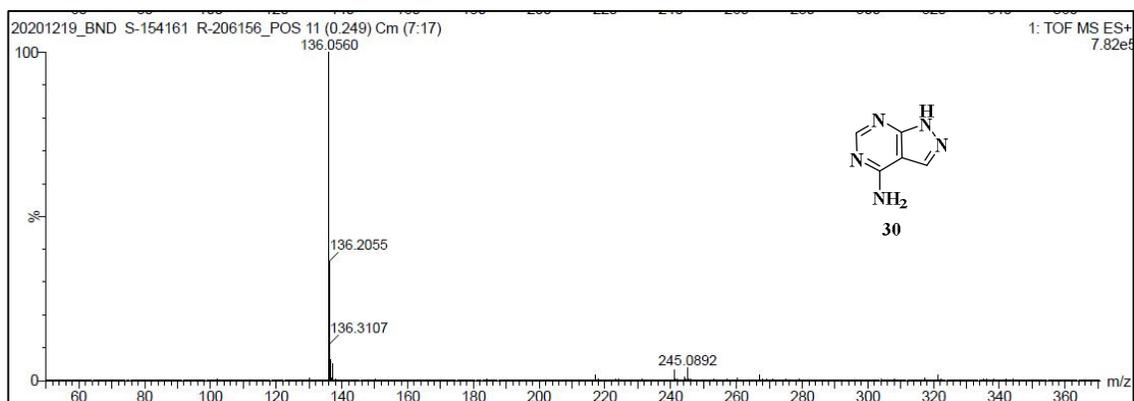
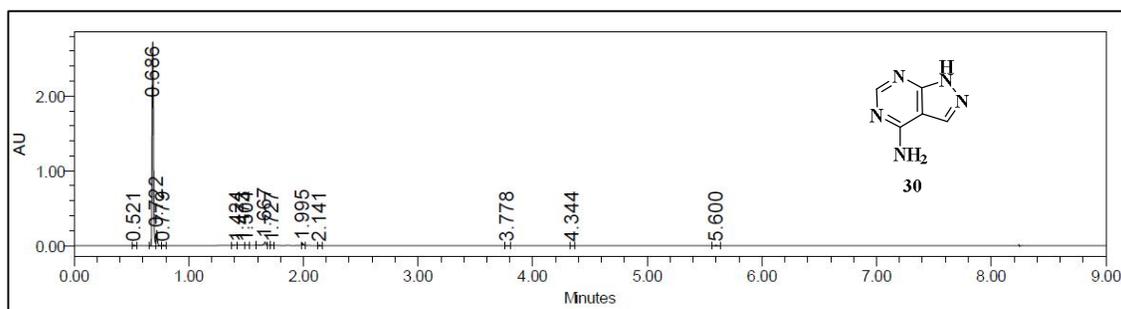
**¹³C NMR of compound 26c****ESI-MS of compound 26c**

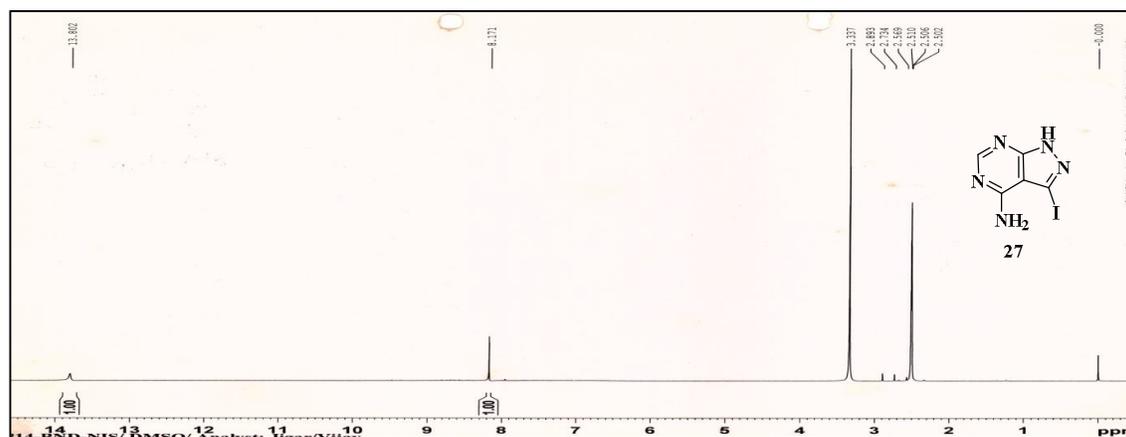
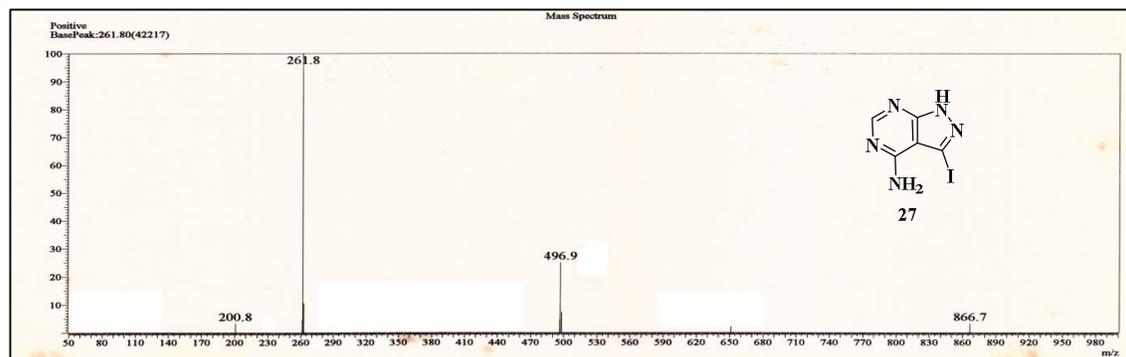
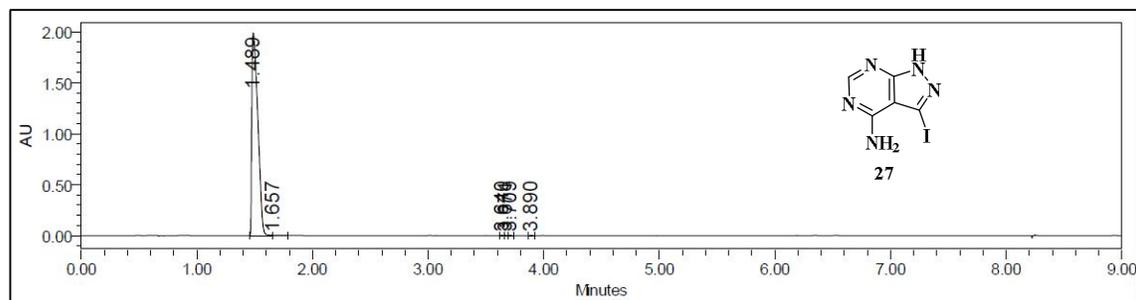
FT-IR of compound **26c**UPLC of compound **26c** ^1H NMR of compound **26d**

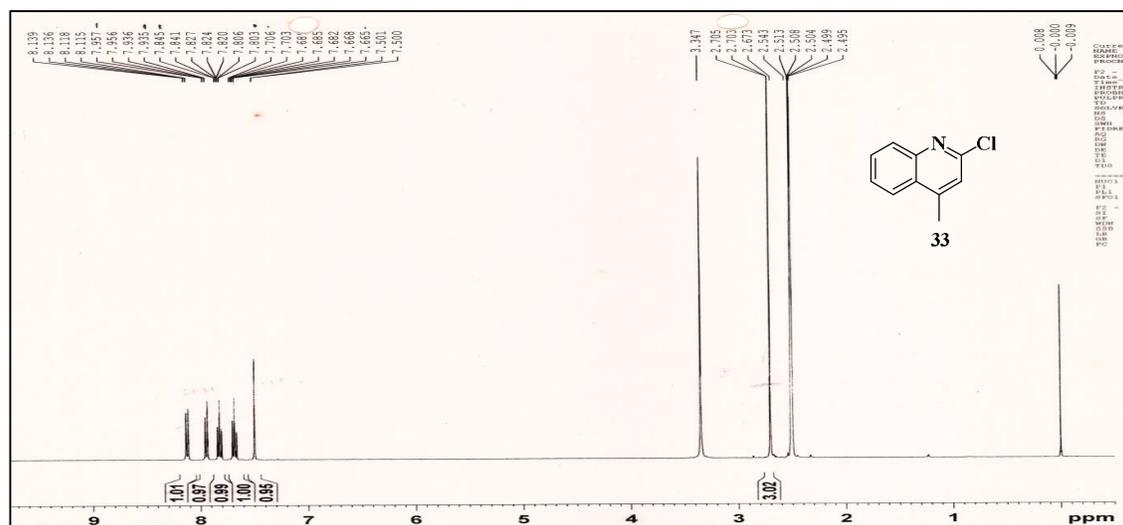
ESI-MS of compound **26d**UPLC of compound **26d**¹H NMR of compound **26h**

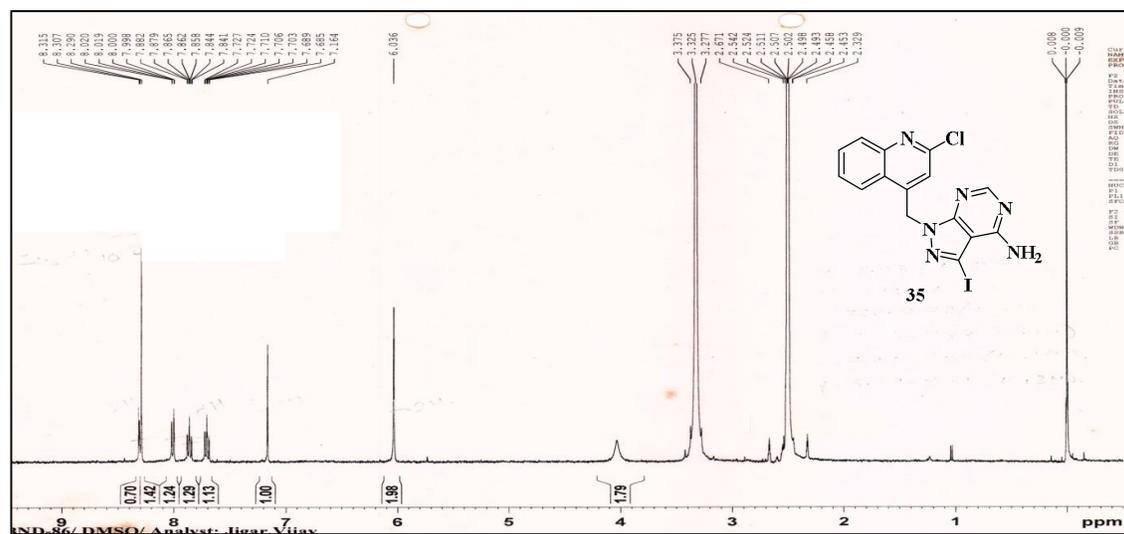
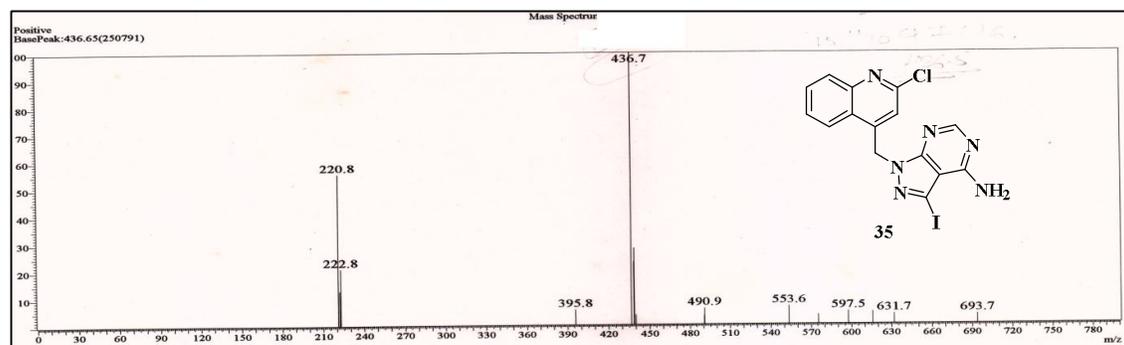
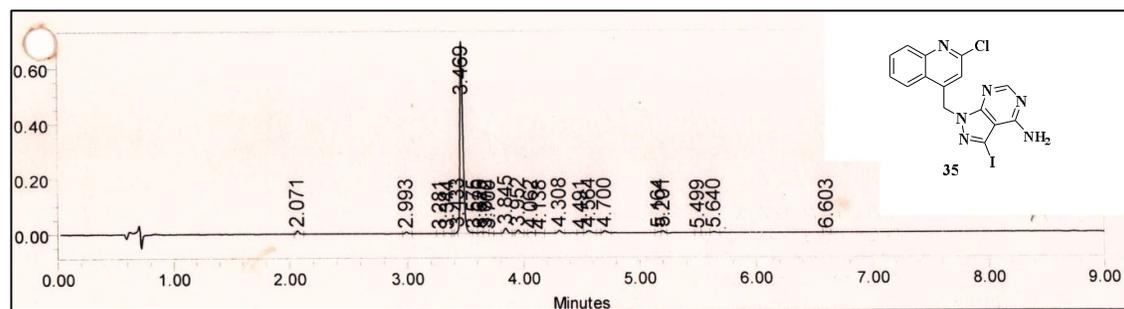
^{13}C NMR of compound **26h**ESI-MS of compound **26h**UPLC of compound **26h**

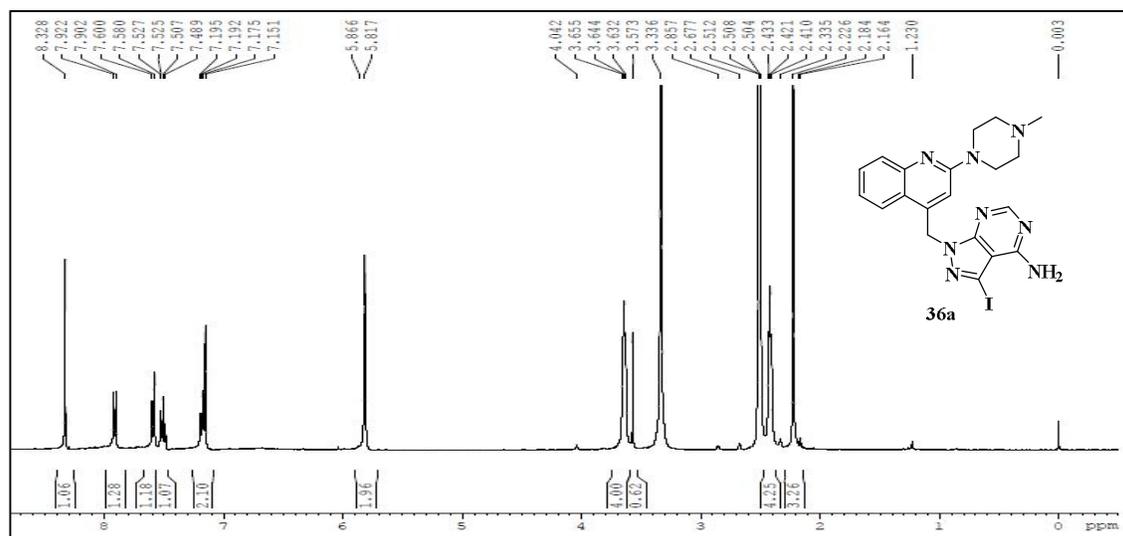
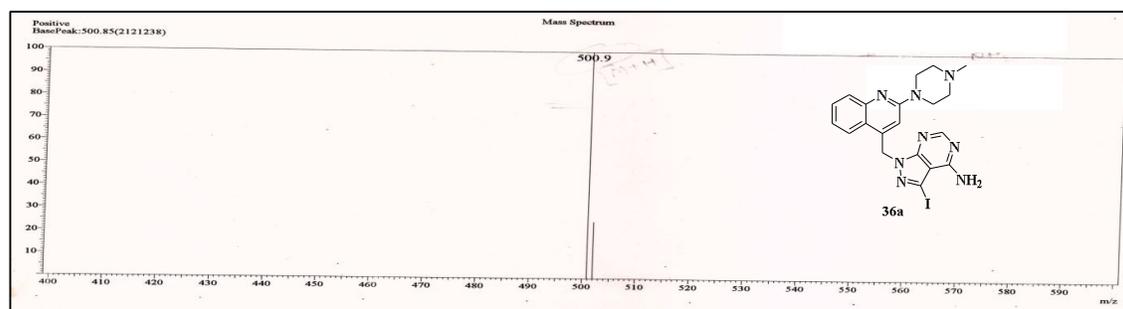
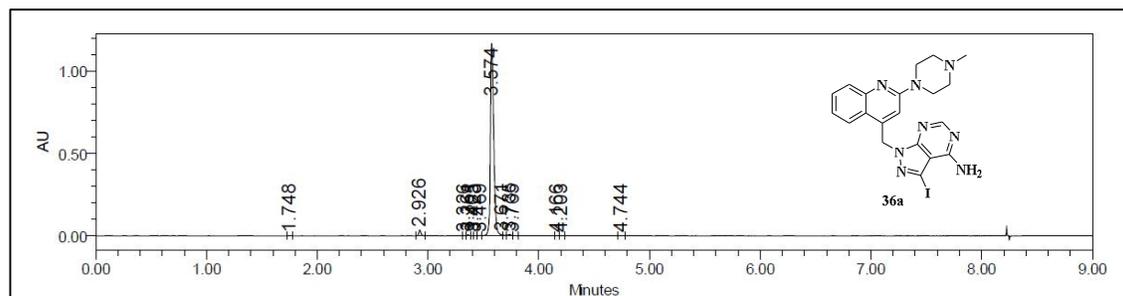
^1H NMR of compound **26q**ESI-MS of compound **26q**UPLC of compound **26q**

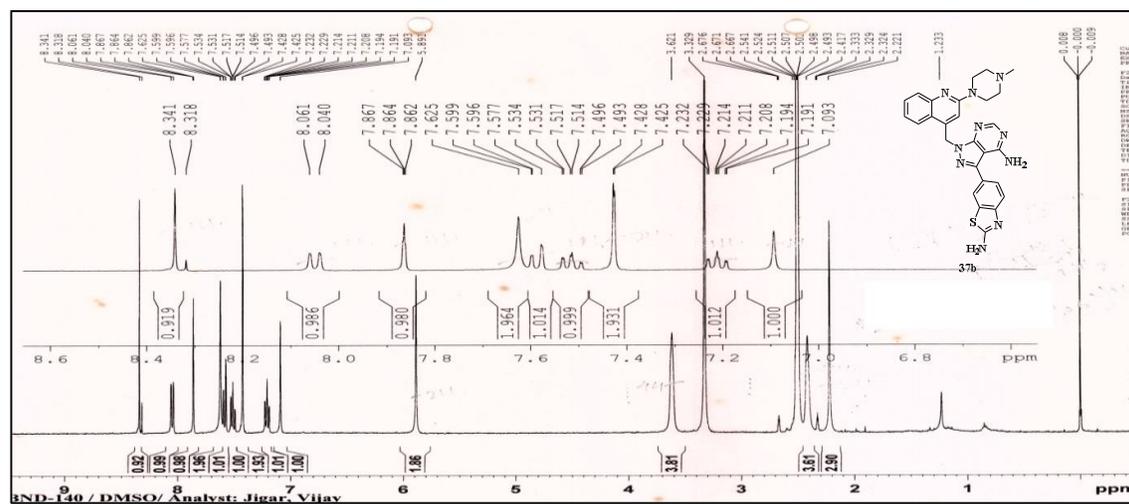
¹H NMR of intermediate 30**HRMS of intermediate 30****UPLC of intermediate 30**

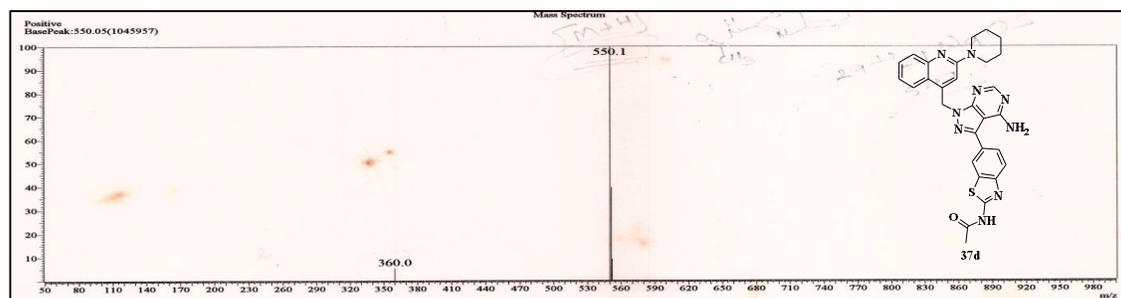
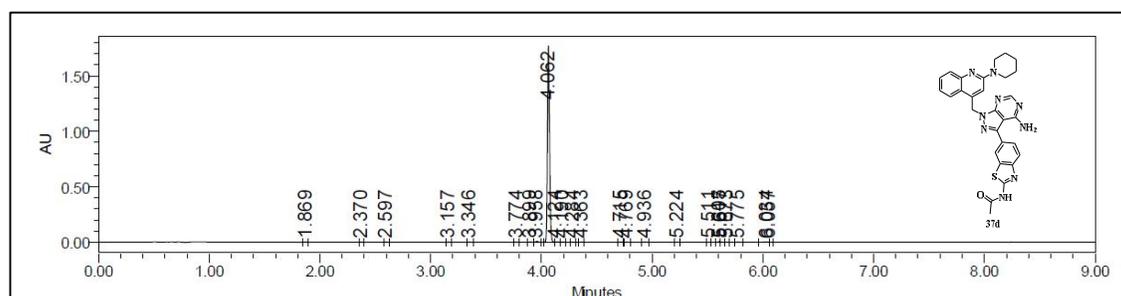
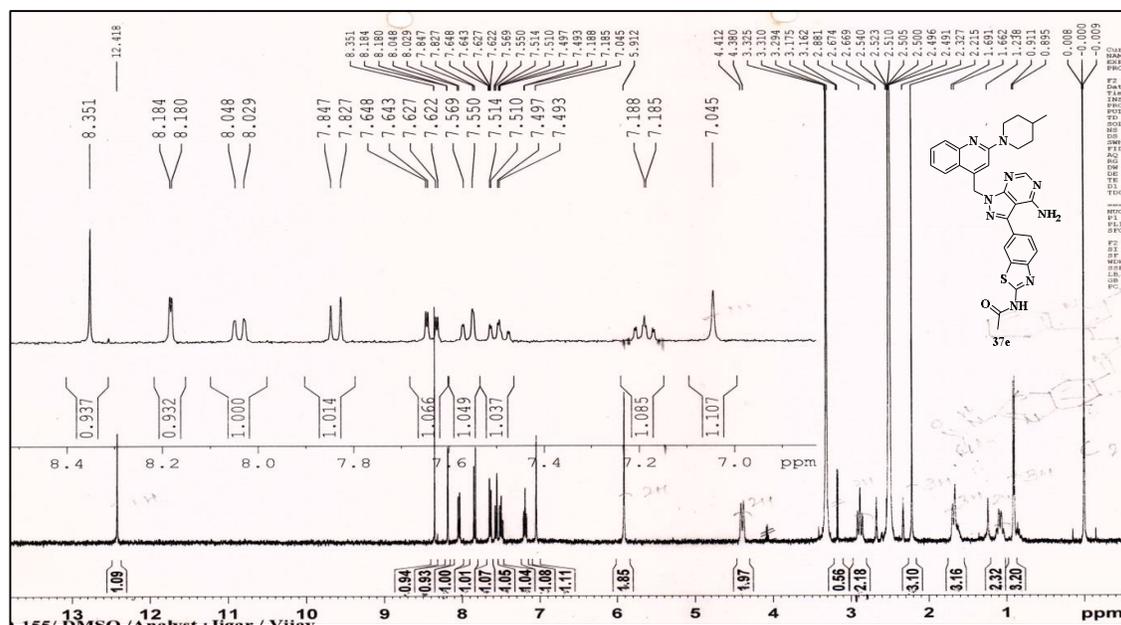
^1H NMR of intermediate **27**ESI-MS of intermediate **27**UPLC of intermediate **27**

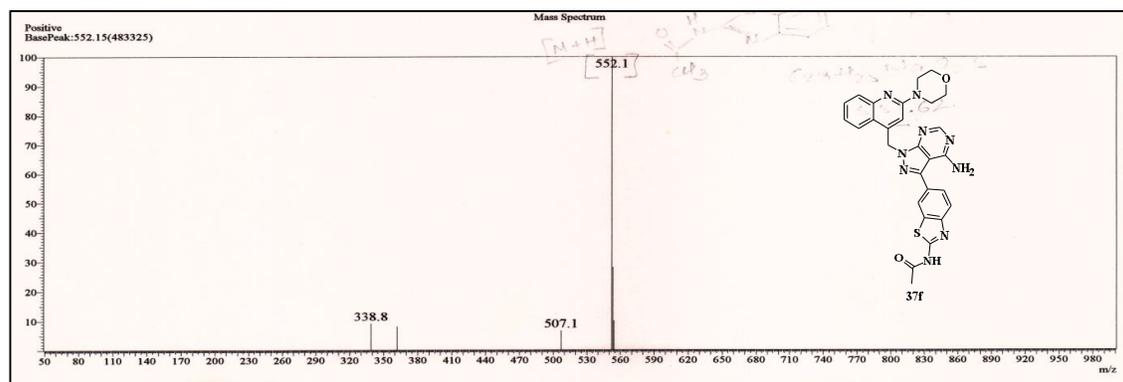
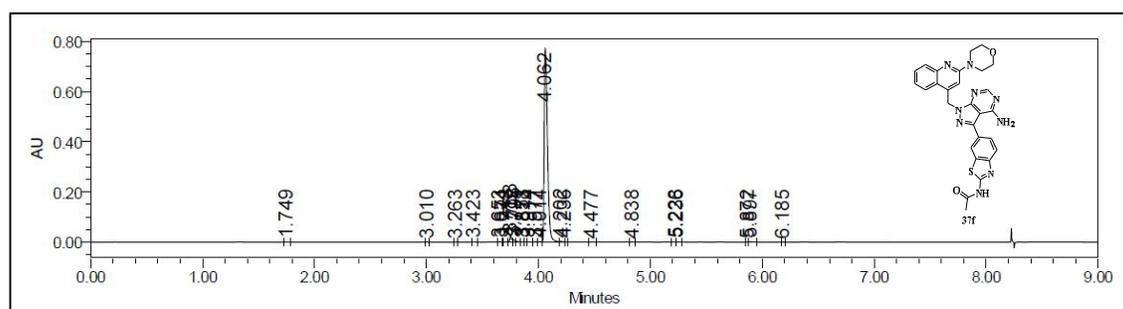
¹H NMR of intermediate **33**

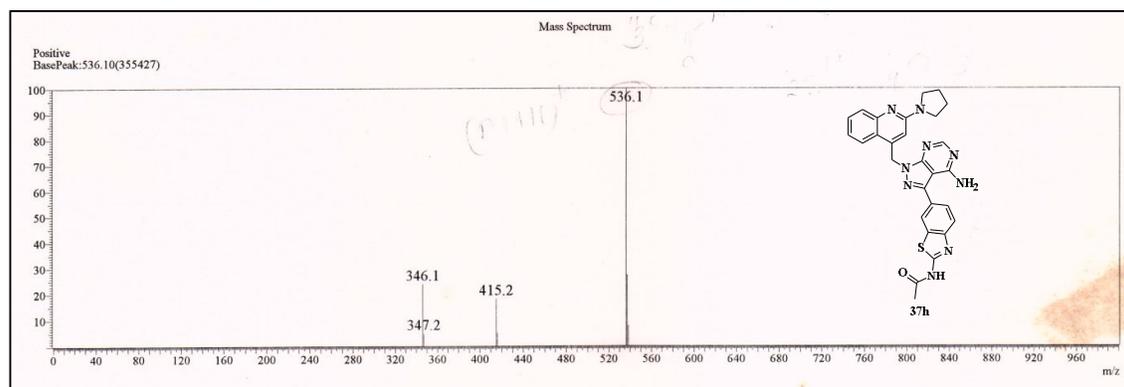
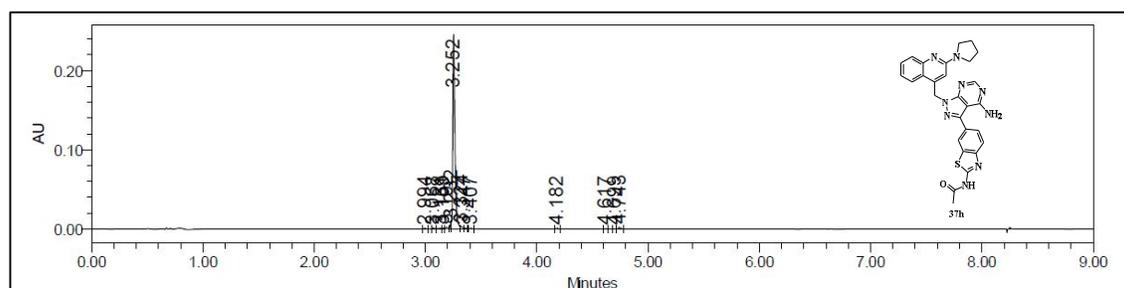
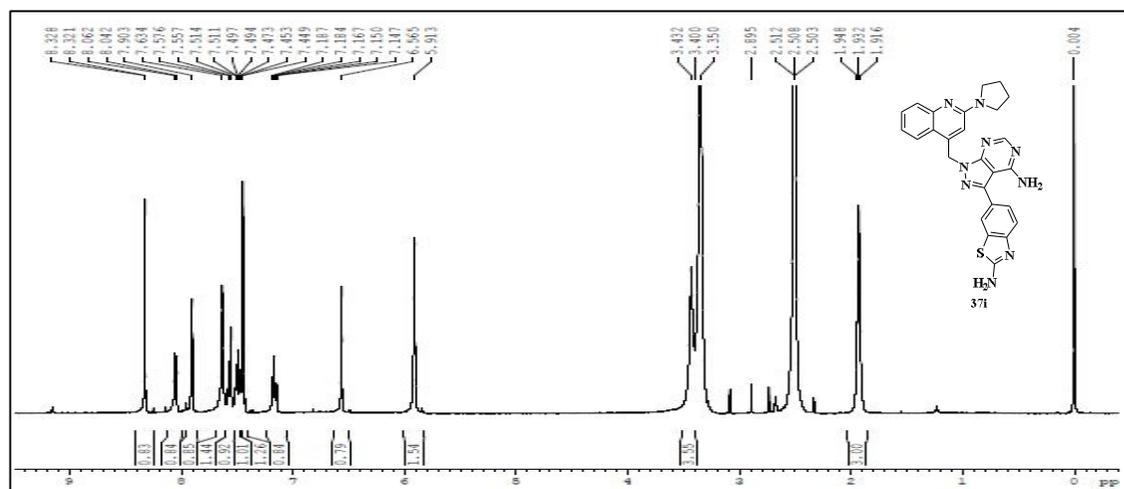
^1H NMR of intermediate **35**ESI-MS of intermediate **35**UPLC of intermediate **35**

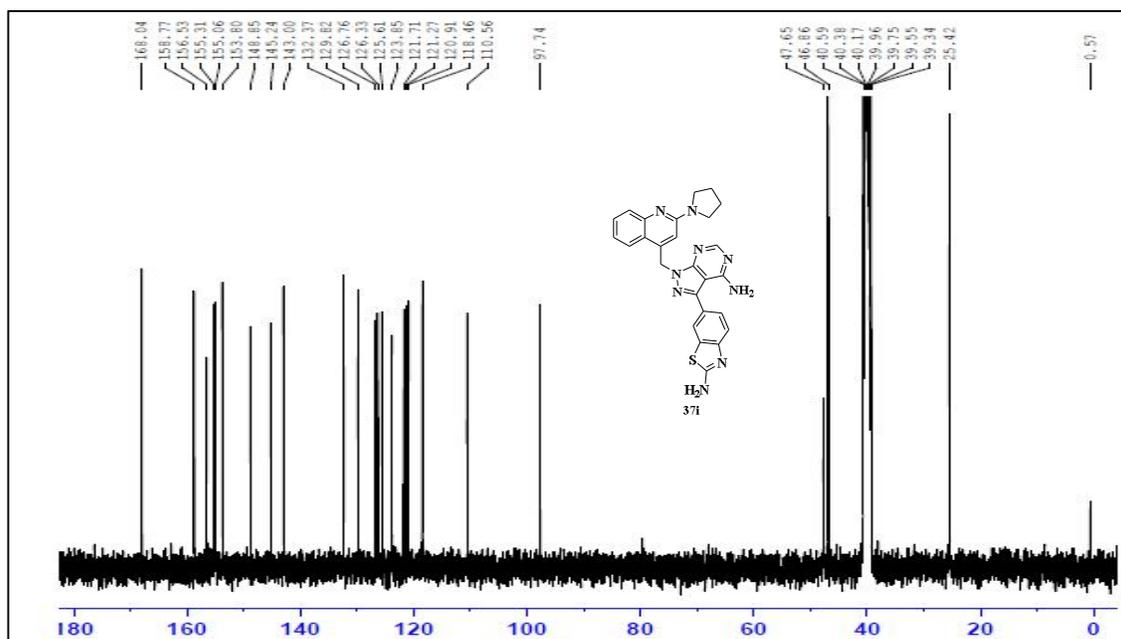
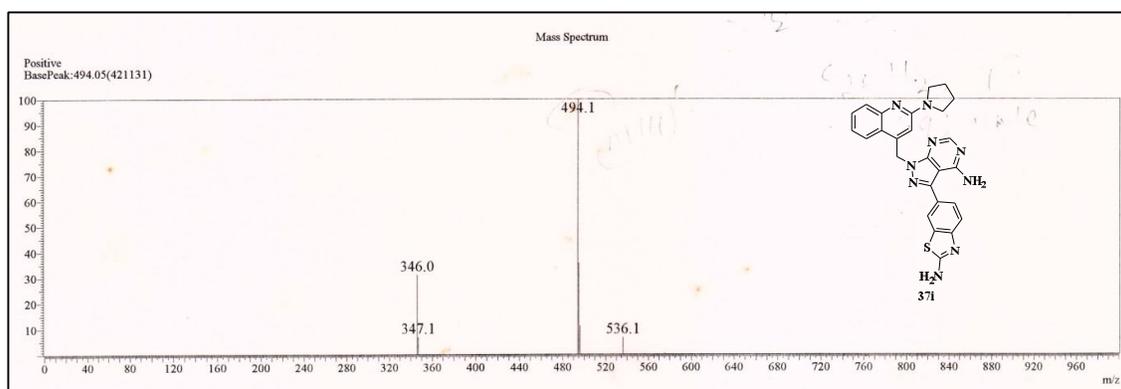
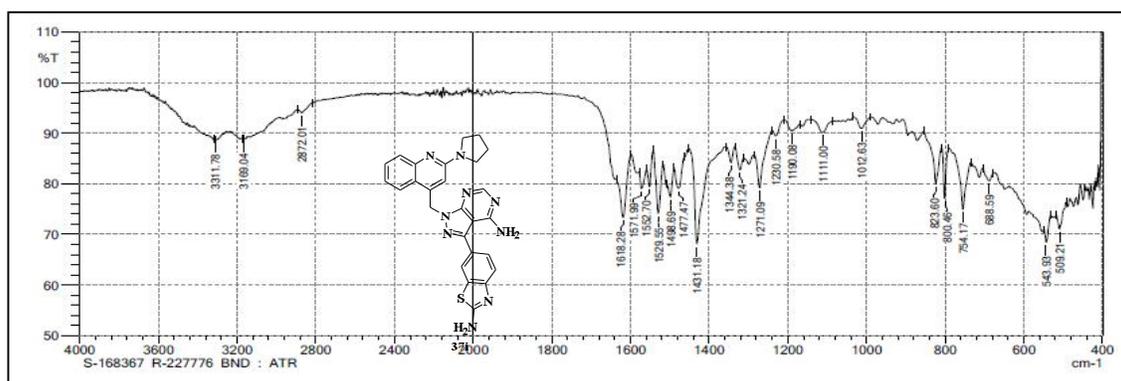
^1H NMR of intermediate **36a**ESI-MS of intermediate **36c**UPLC of intermediate **36c**

^1H NMR of compound **37b**

ESI-MS of compound **37d**UPLC of compound **37d**¹H NMR of compound **37e**

ESI-MS of compound **37f**UPLC of compound **37f** ^1H NMR of compound **37h**

ESI-MS of compound **37h**UPLC of compound **37h** ^1H NMR of compound **37i**

^{13}C NMR of compound **37i**ESI-MS of compound **37i**FTIR of compound **37i**

UPLC of compound **37i**