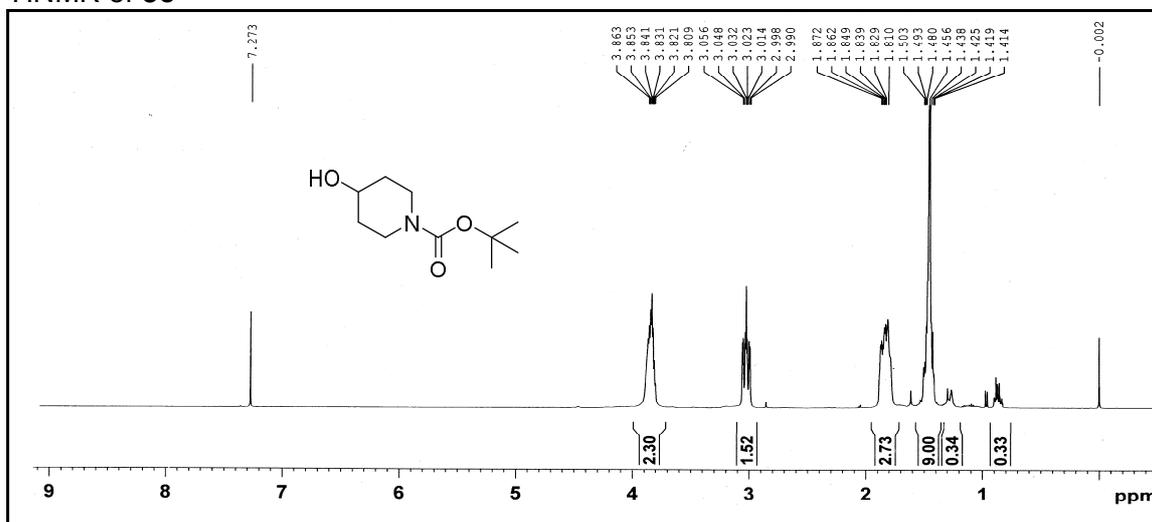
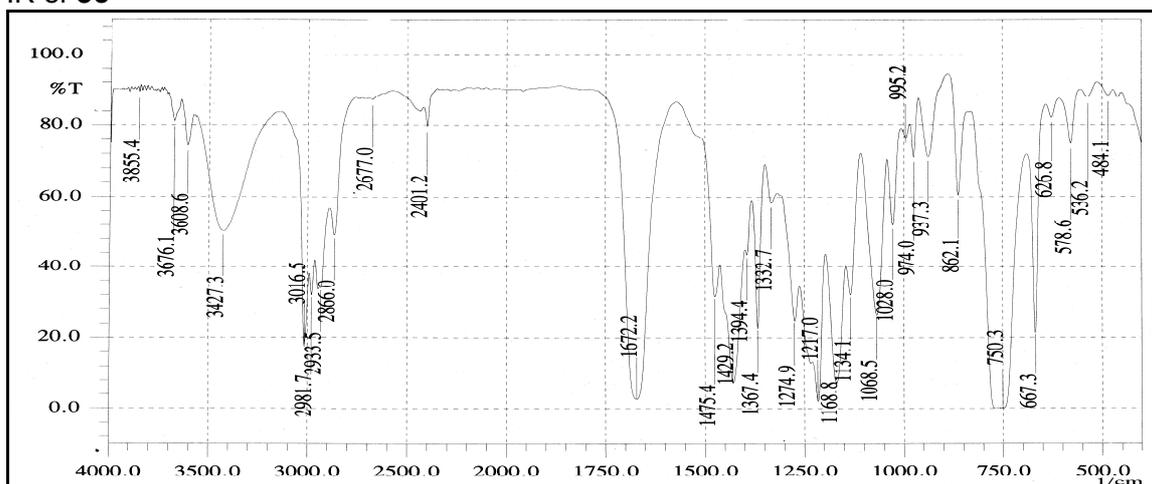


Spectral Data

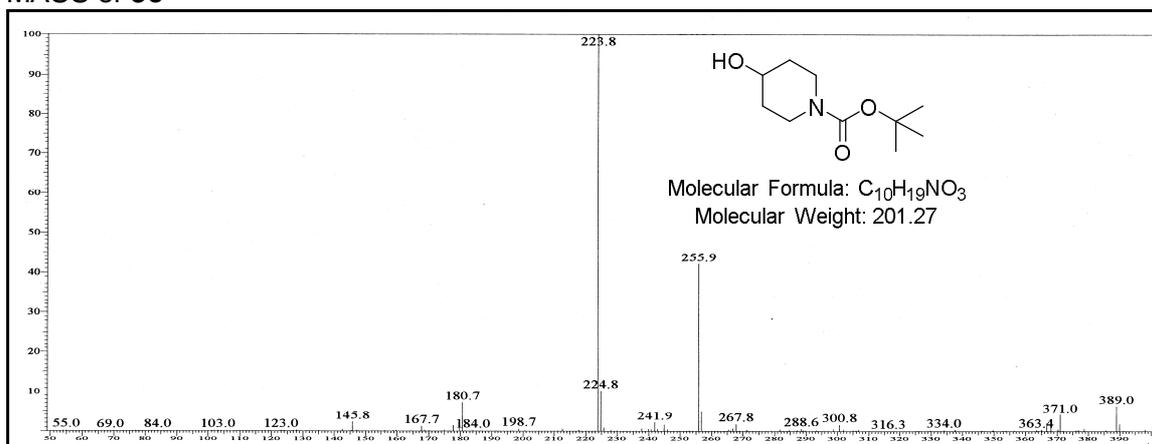
6 Spectral Data

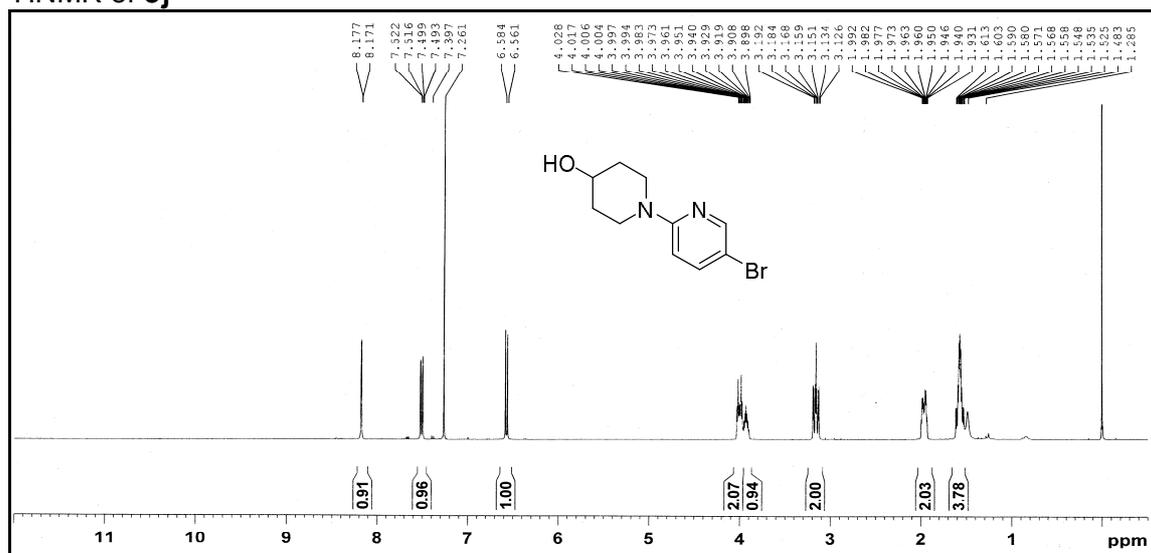
¹HNMR of 3c

IR of 3c

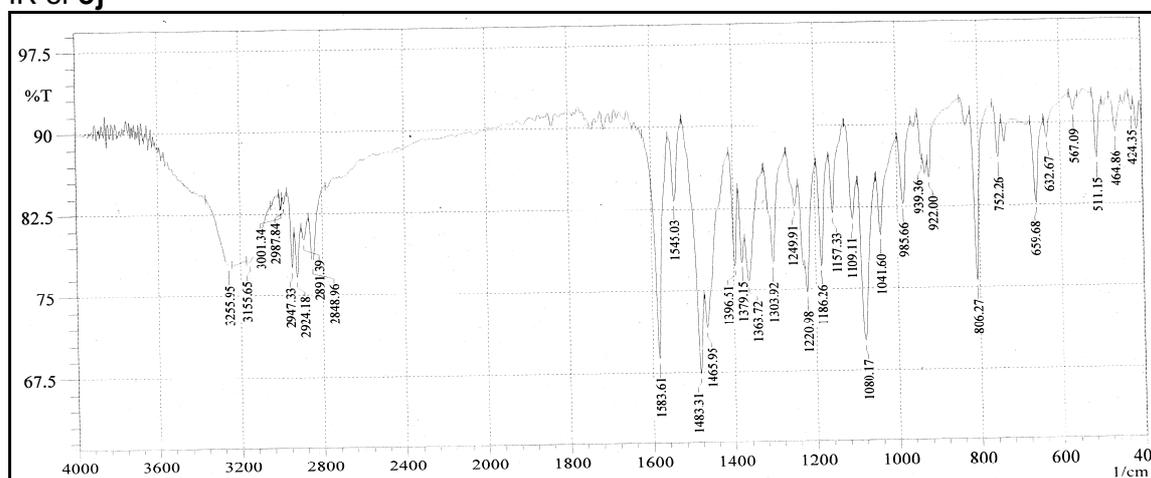


MASS of 3c

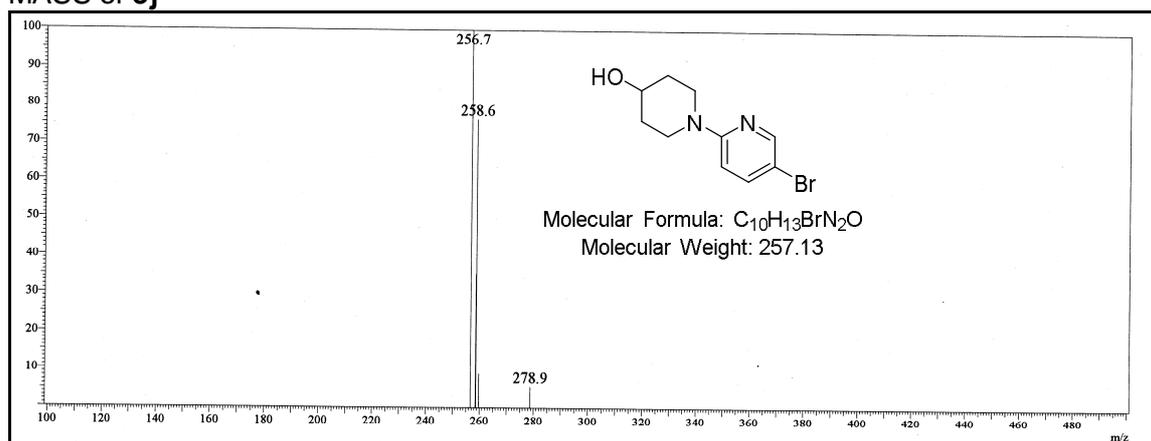


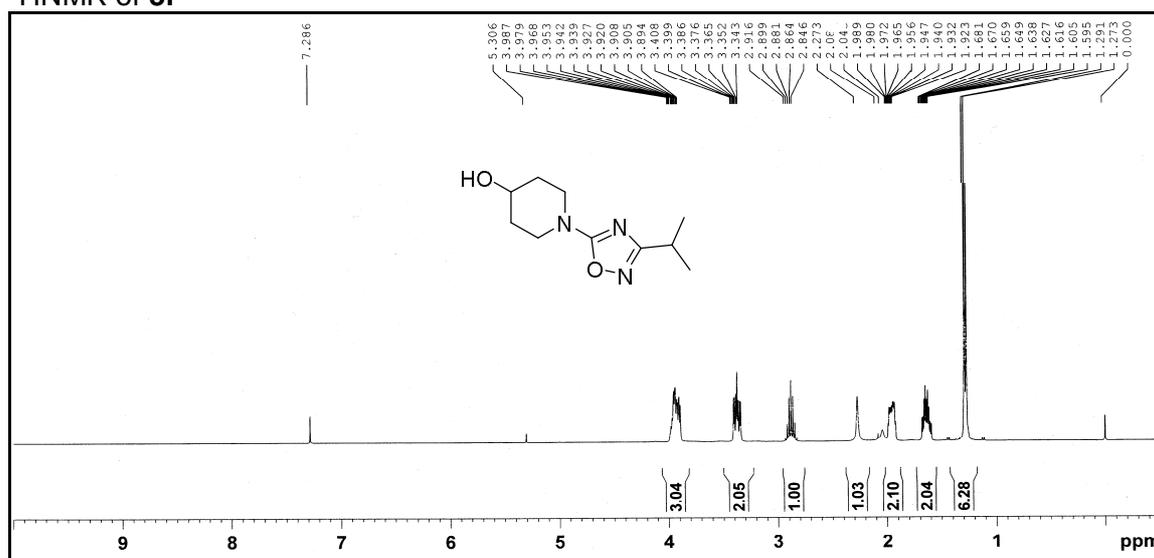
¹H NMR of 3j

IR of 3j

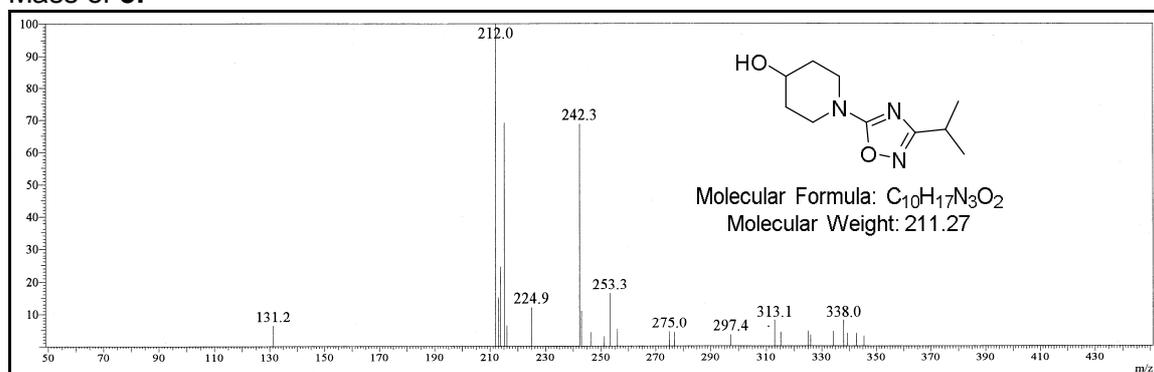
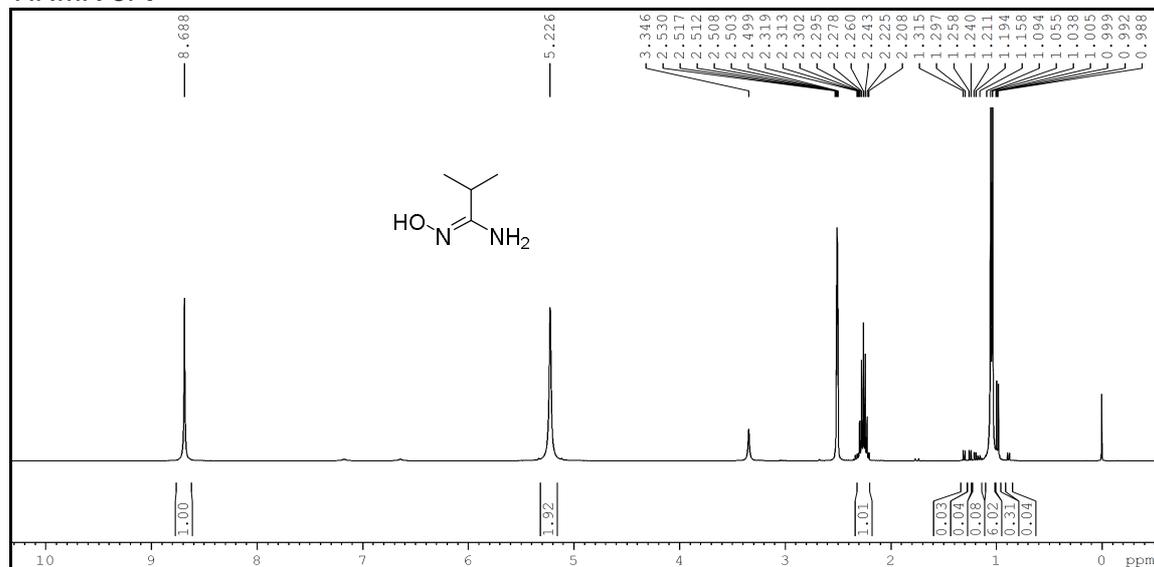


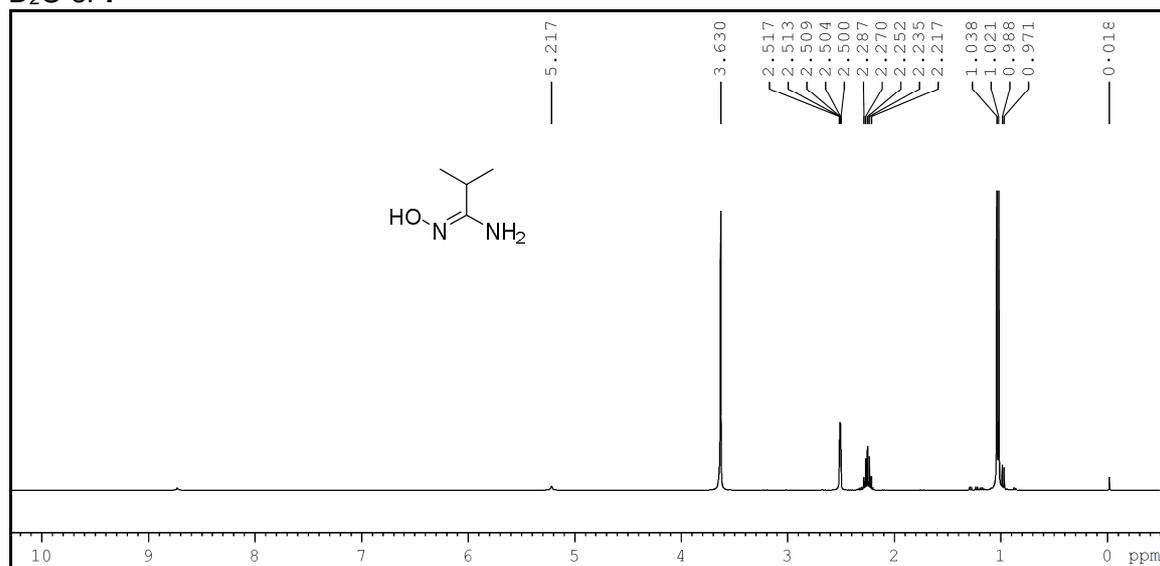
MASS of 3j



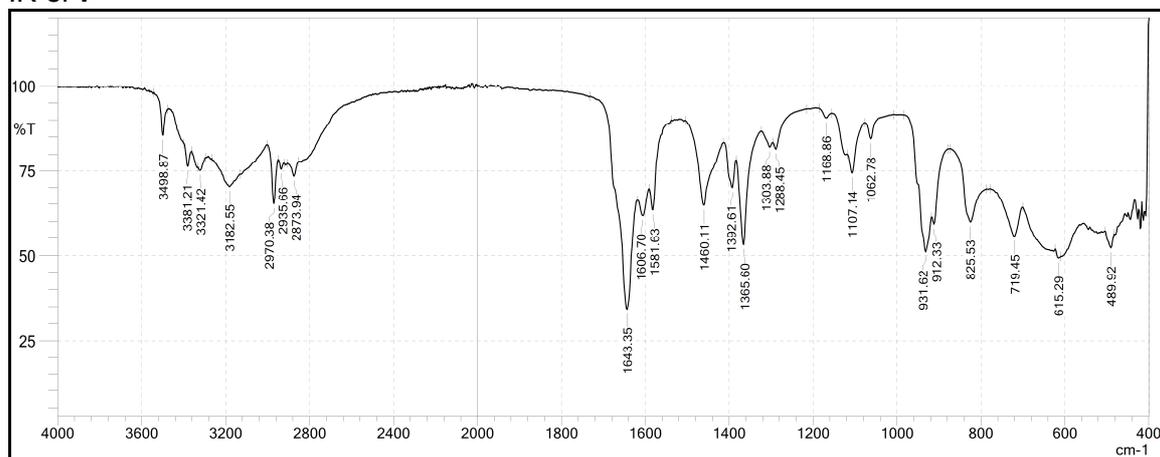
¹HNMR of 31

Mass of 31

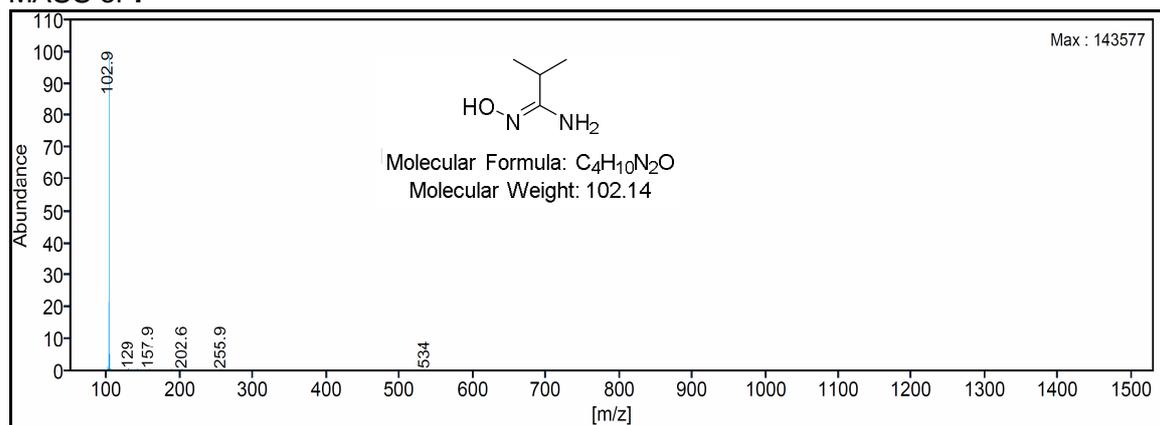
¹HNMR of 7

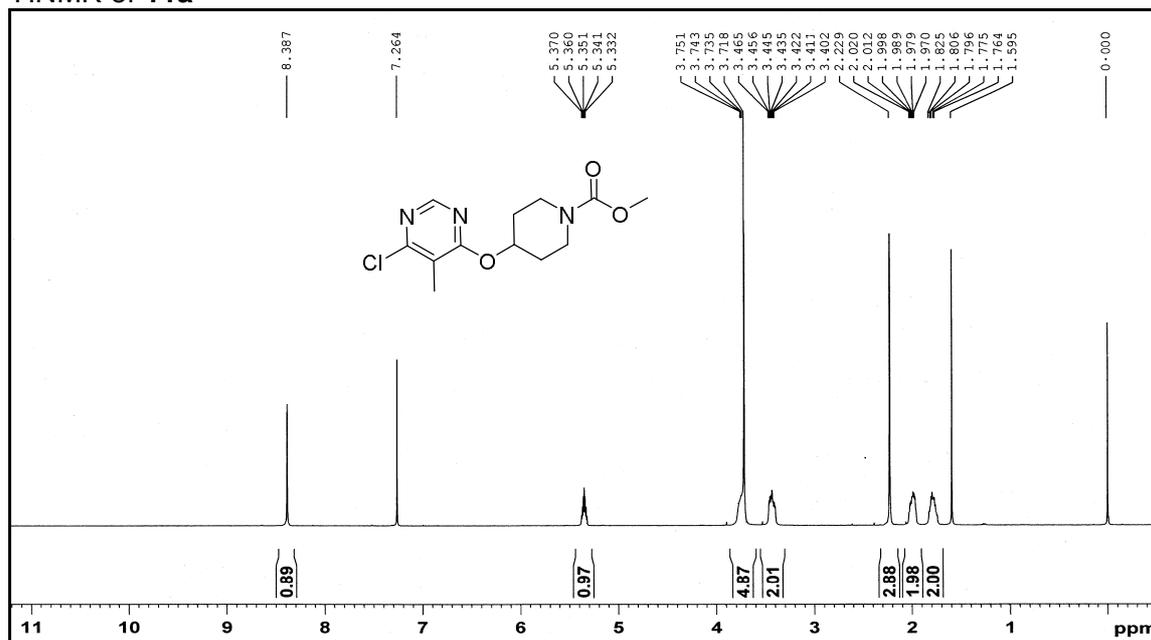
D₂O of 7

IR of 7

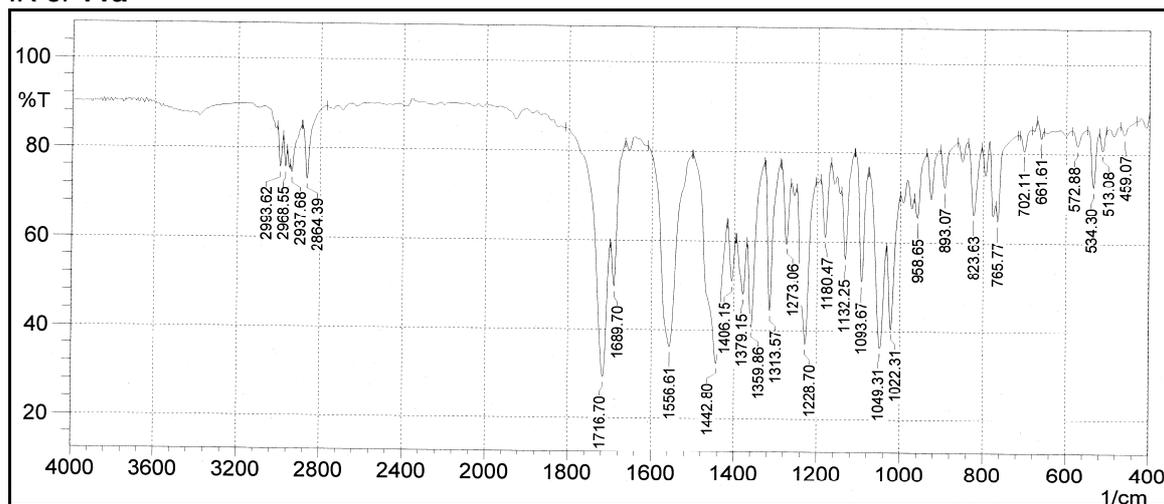


MASS of 7

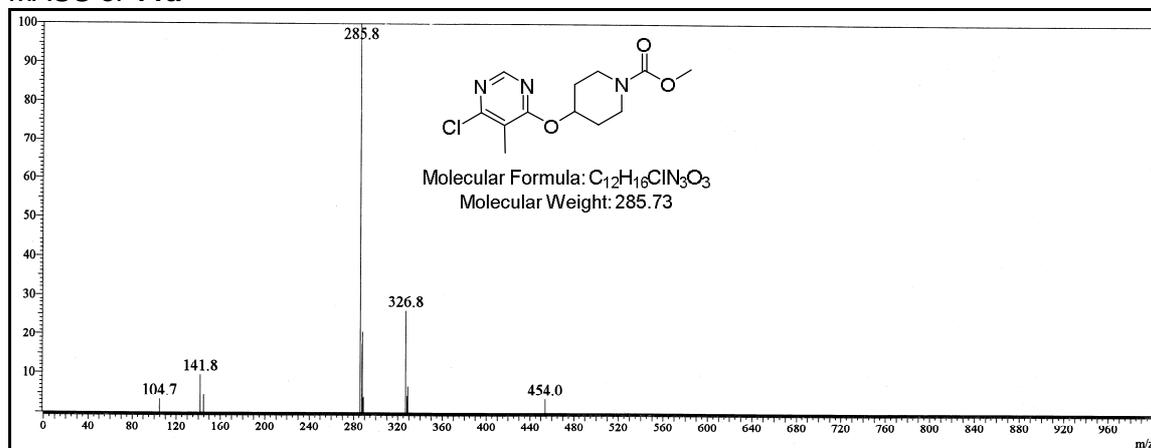


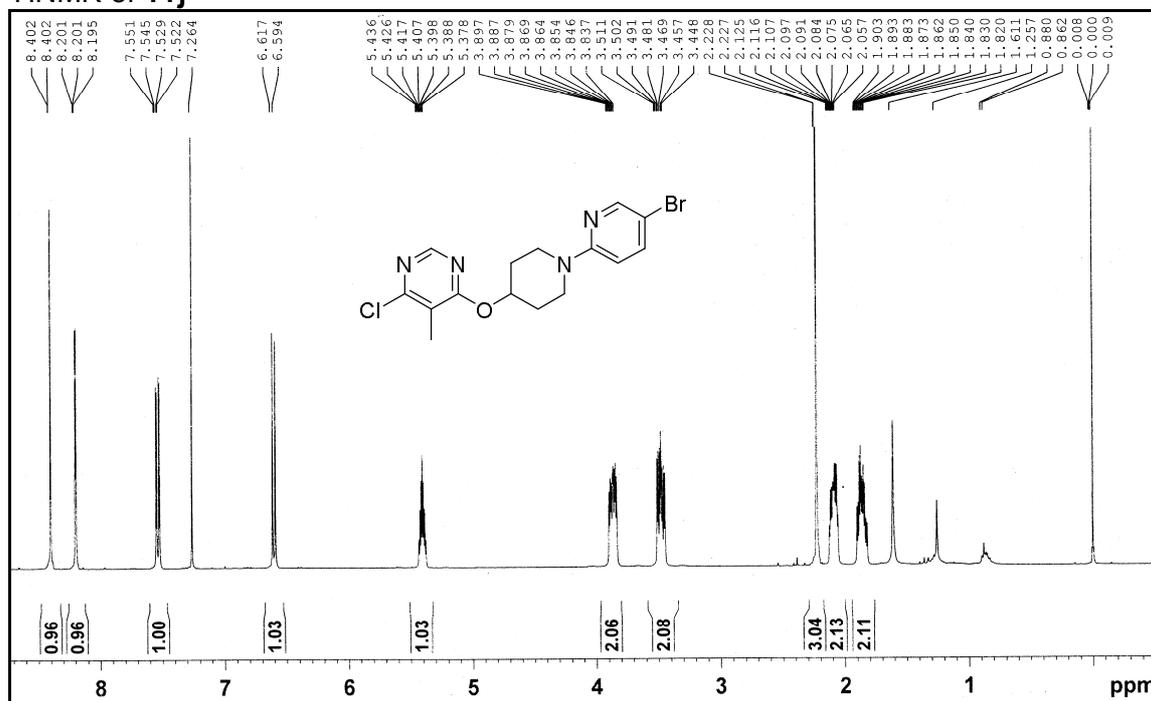
¹HNMR of 11a

IR of 11a

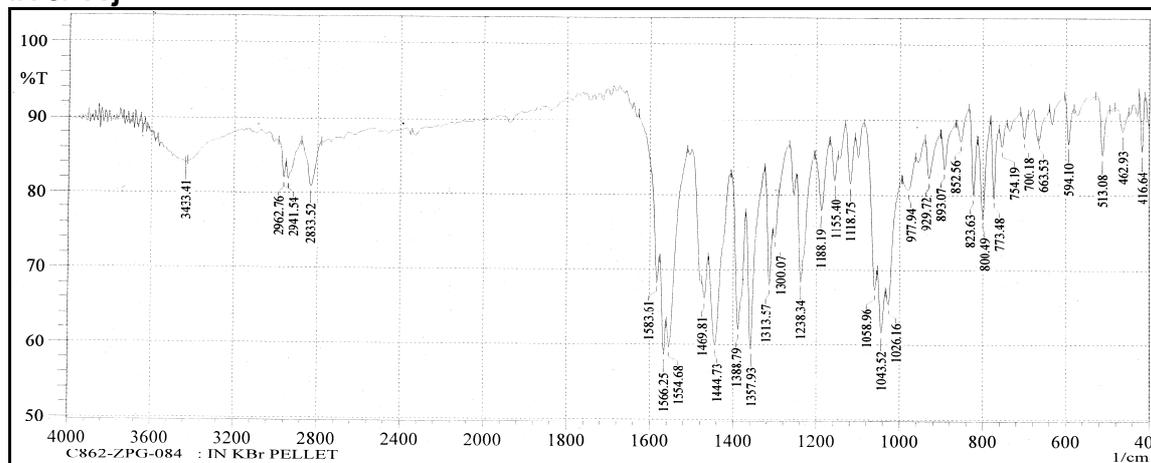


MASS of 11a

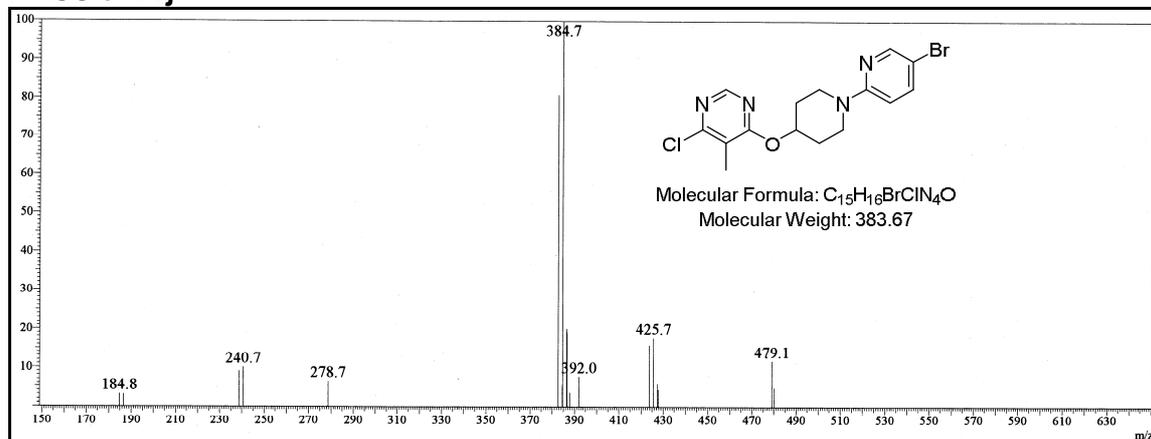


¹H NMR of 11j

IR of 11j

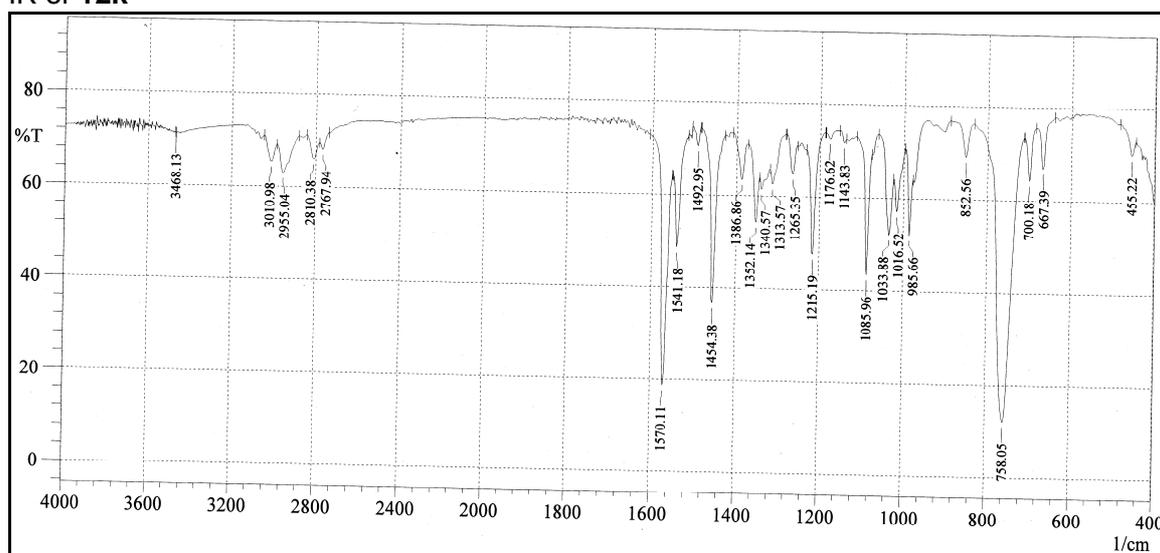


MASS of 11j

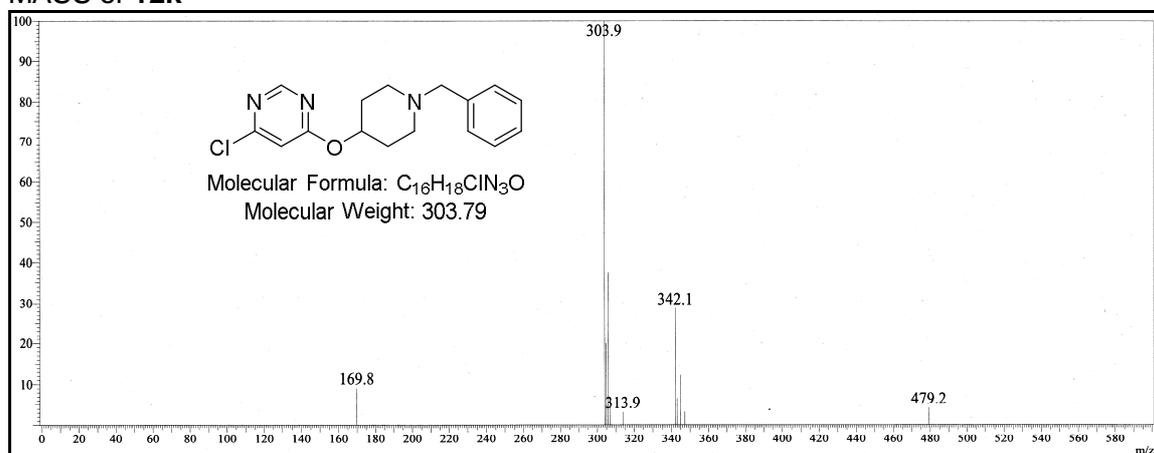


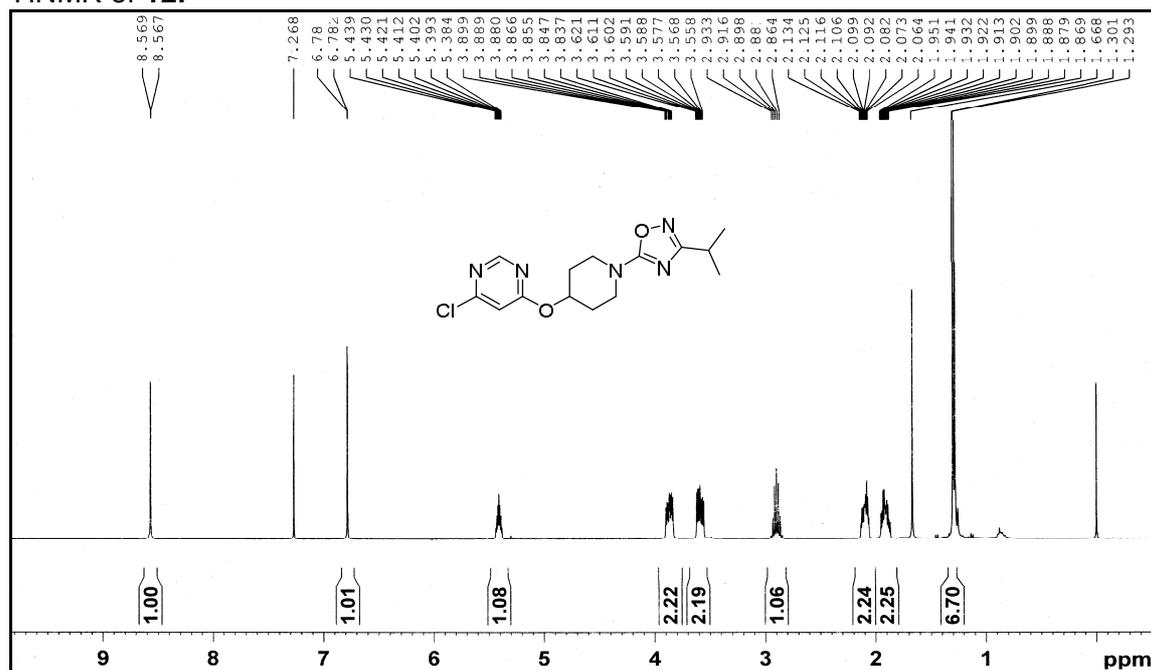
¹H NMR of 12k

IR of 12k

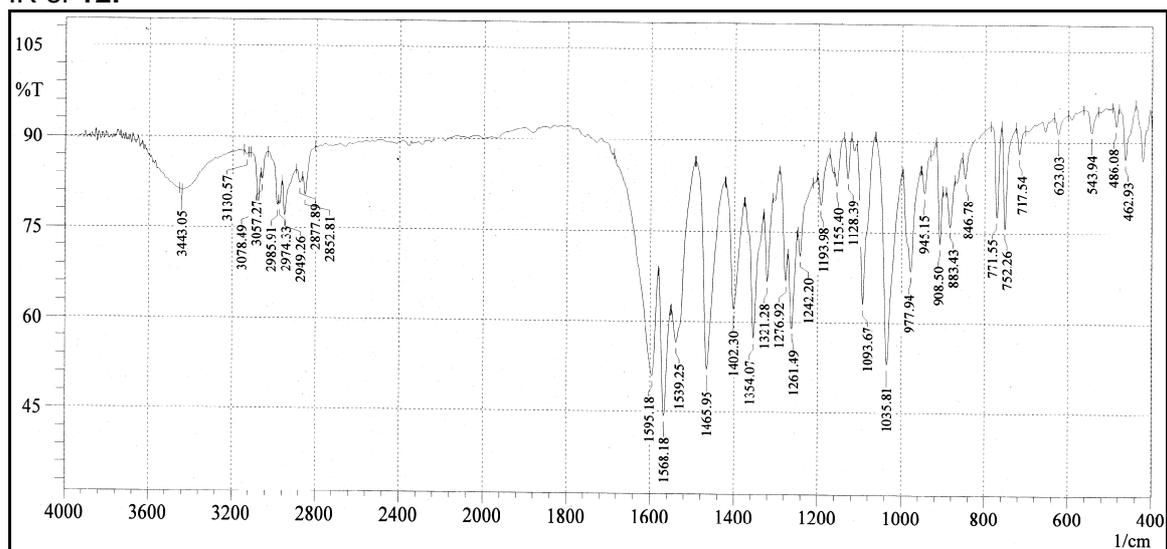


MASS of 12k

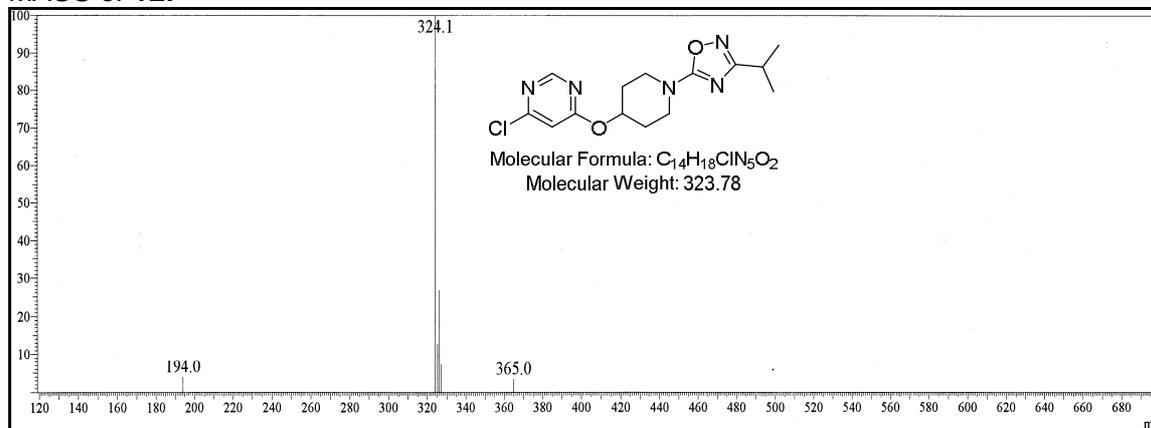


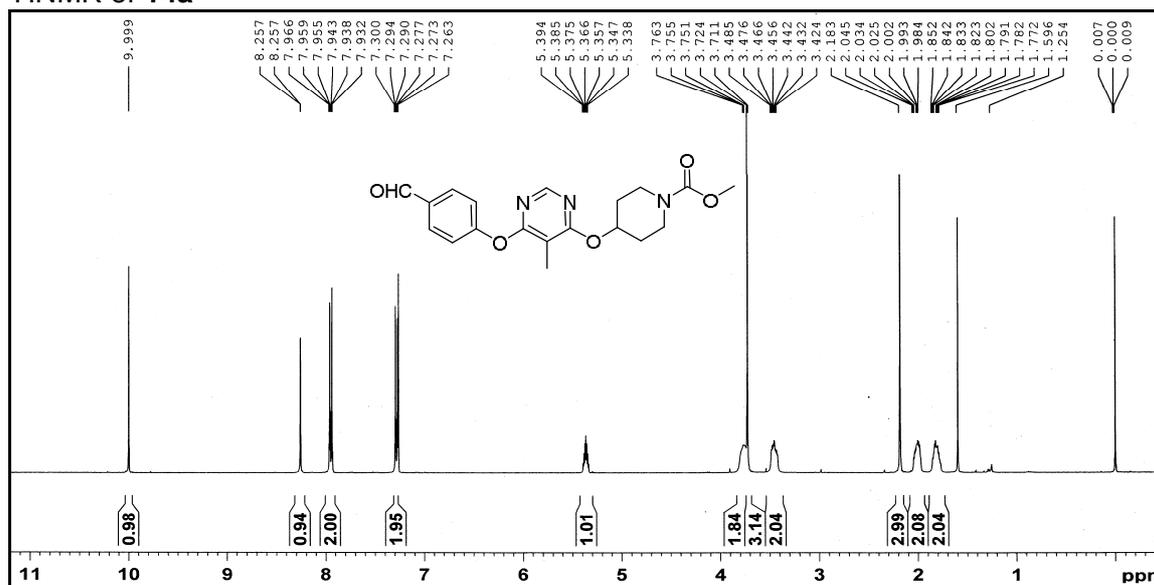
¹H NMR of 12I

IR of 12I

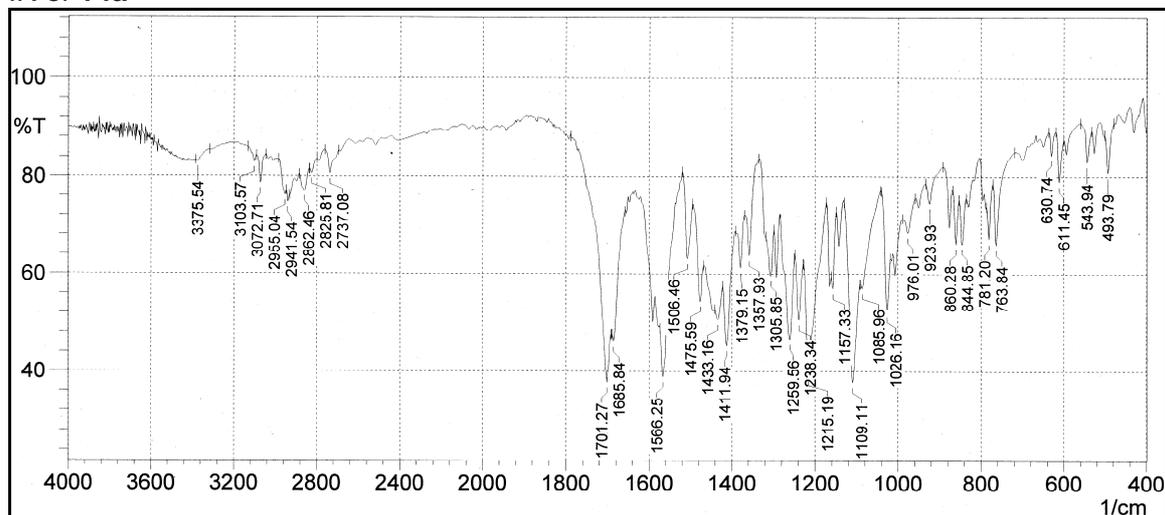


MASS of 12I

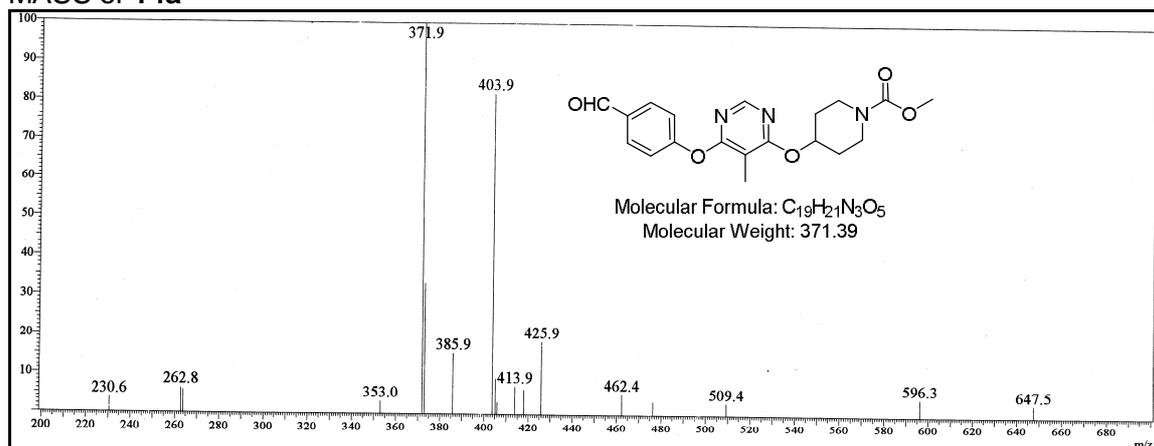


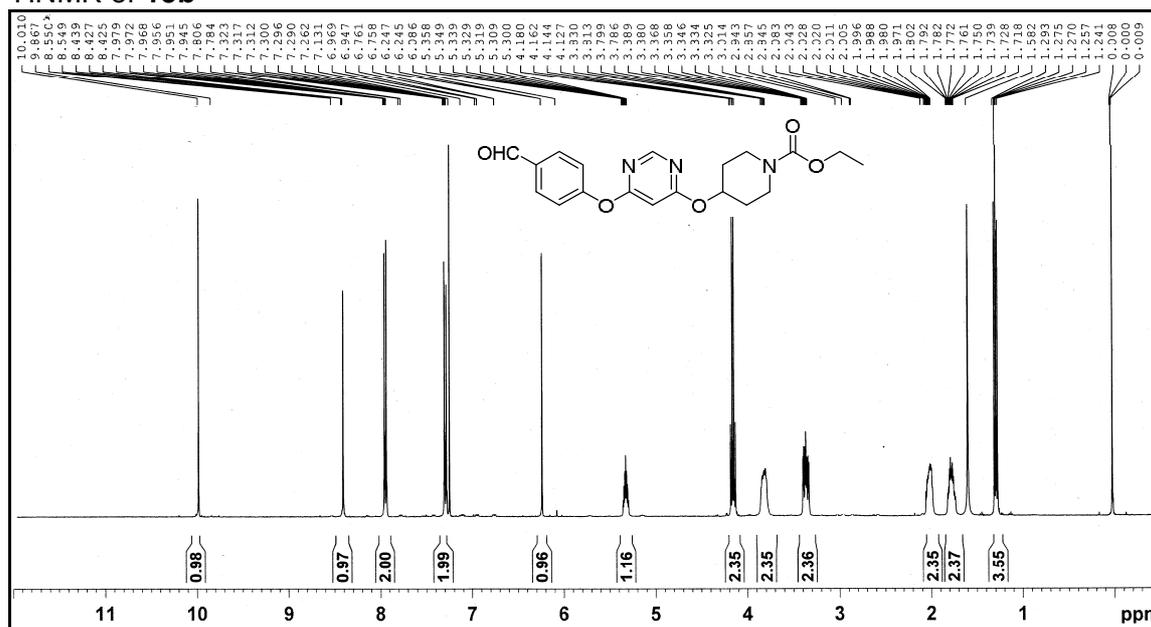
¹H NMR of 14a

IR of 14a

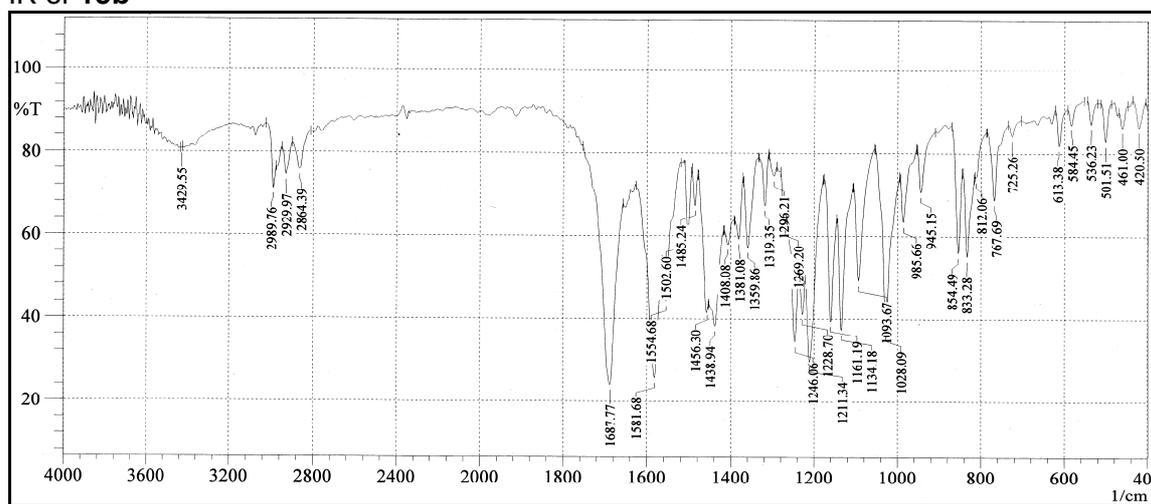


MASS of 14a

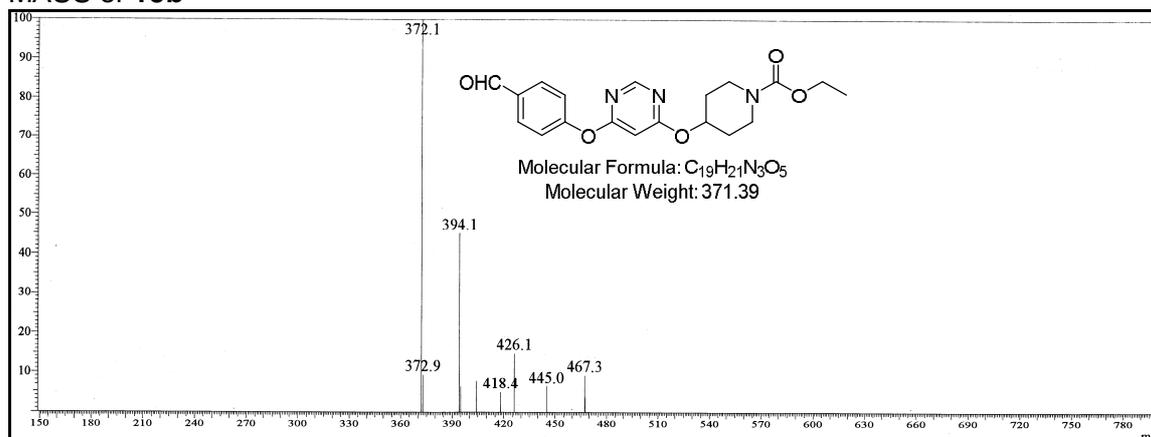


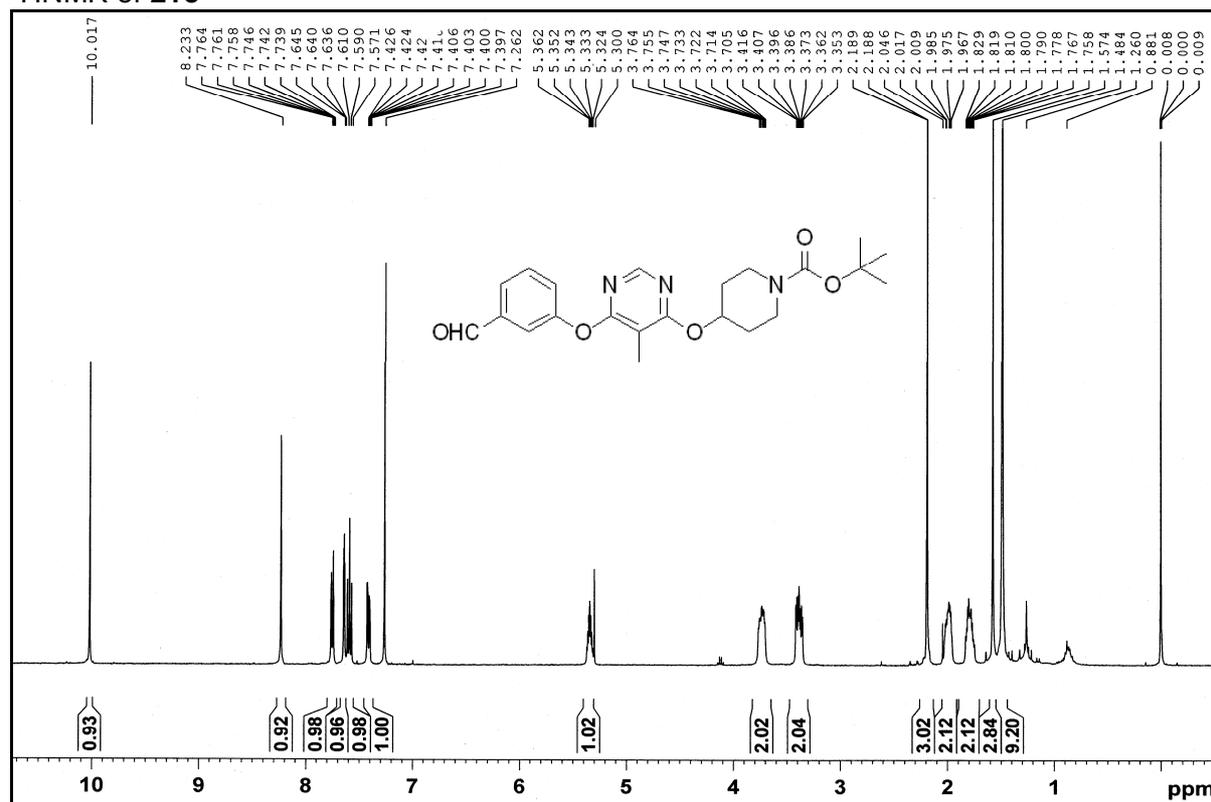
¹H NMR of 15b

IR of 15b

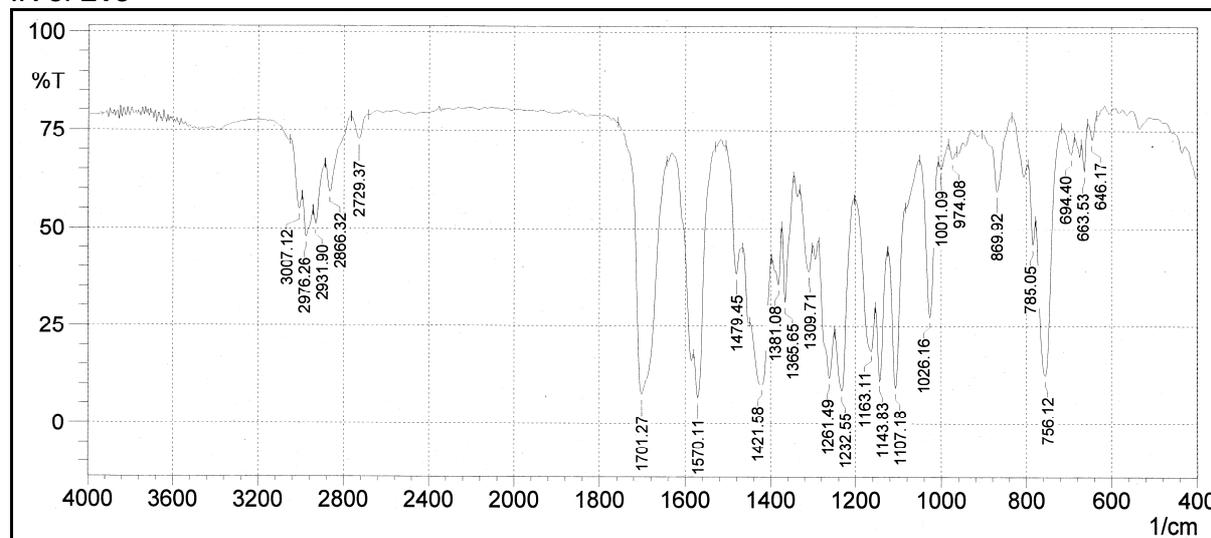


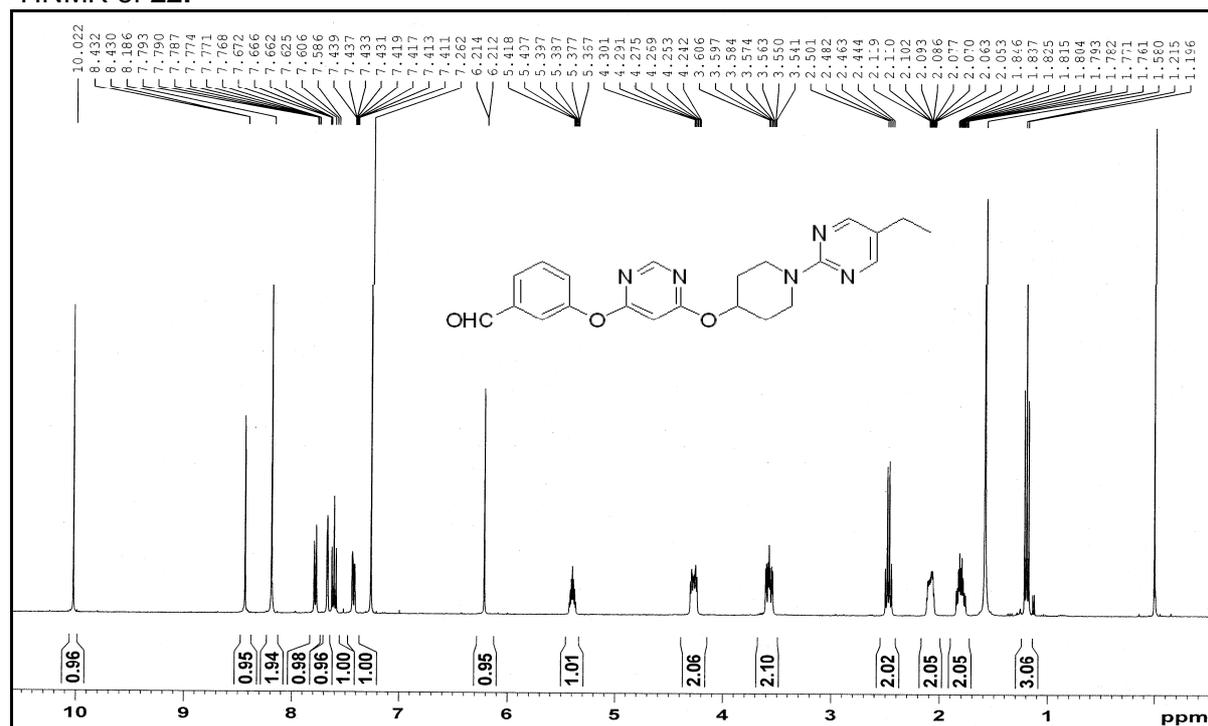
MASS of 15b



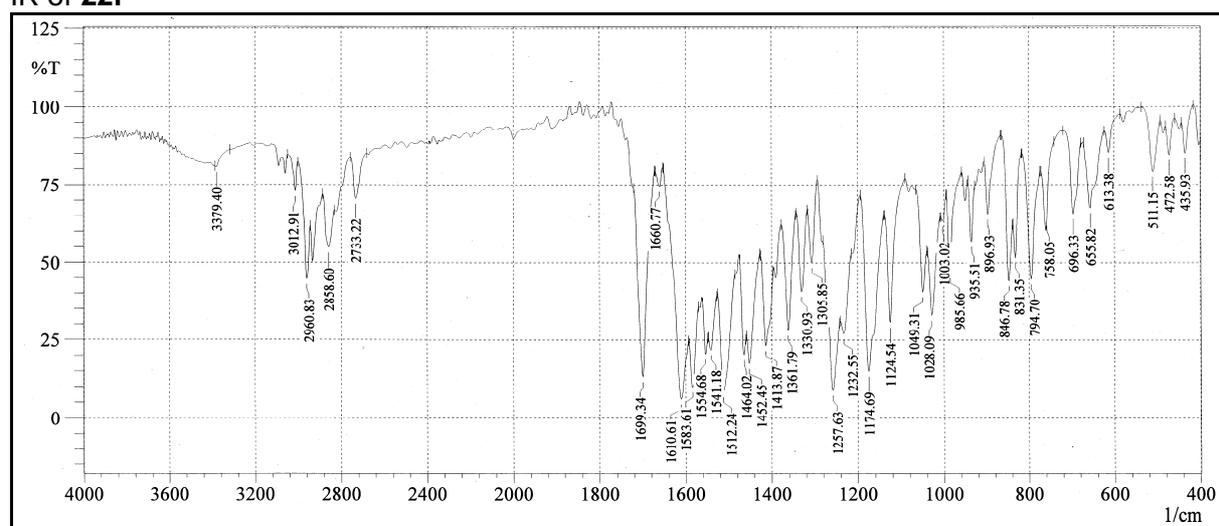
¹HNMR of 21c

IR of 21c

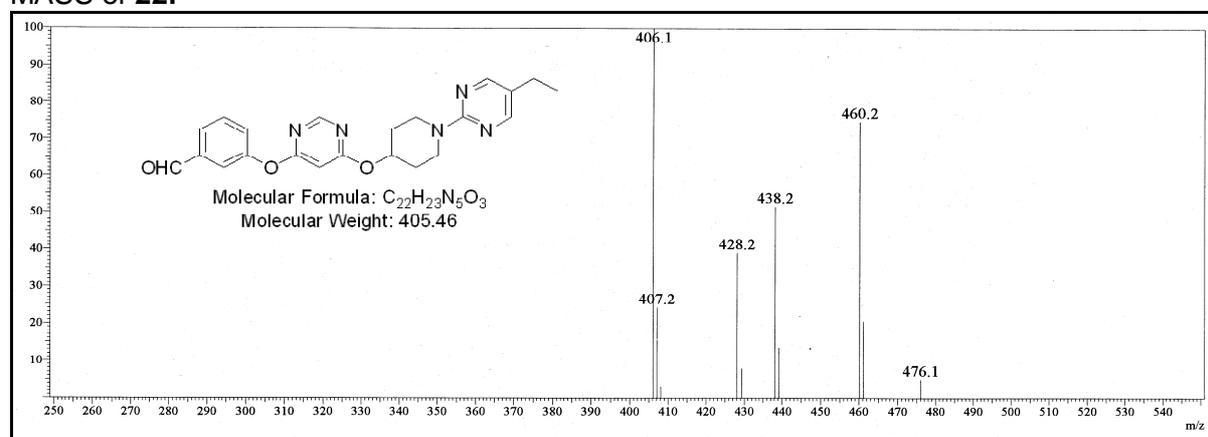


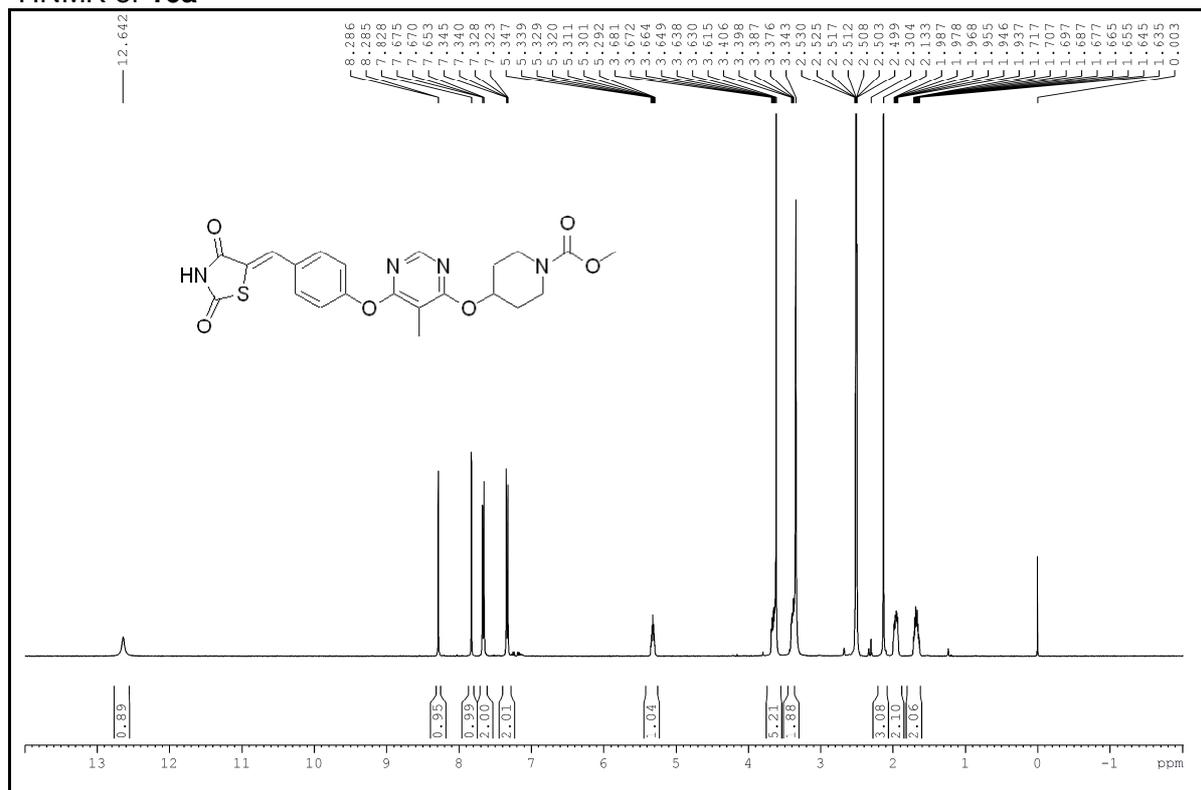
¹HNMR of 22i

IR of 22i

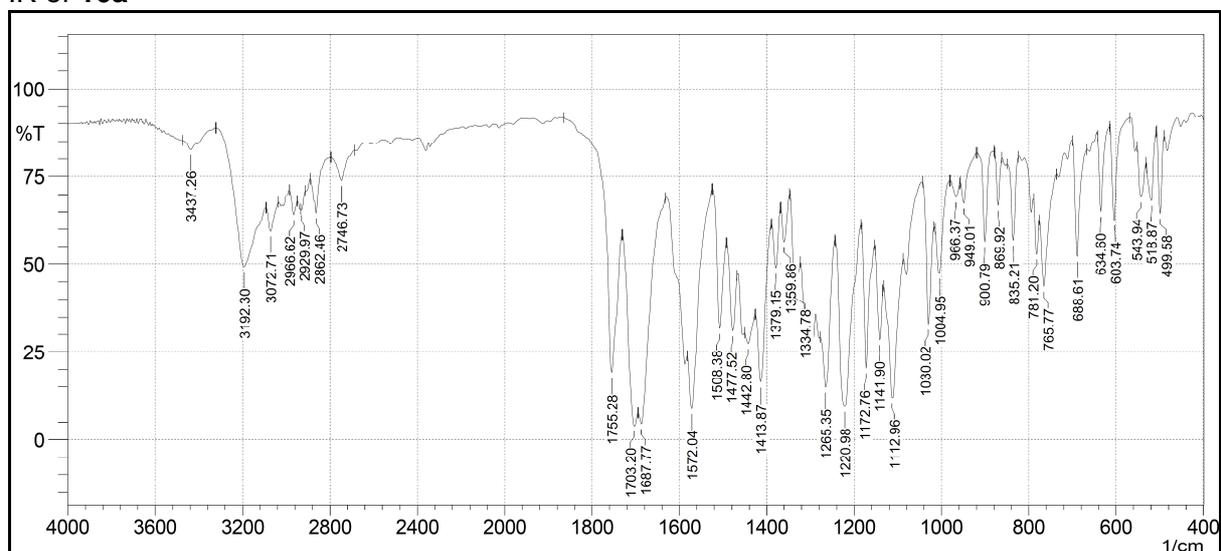


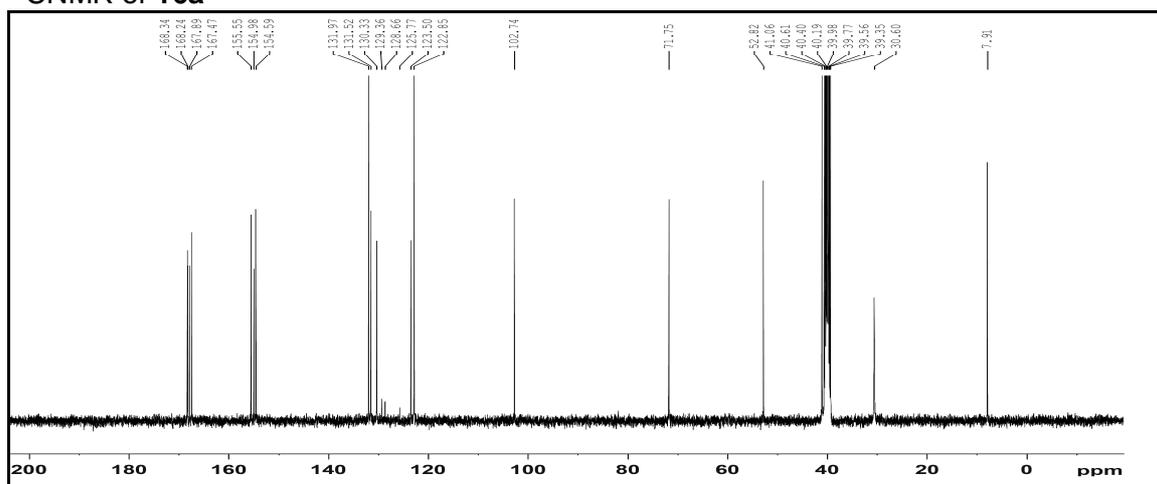
MASS of 22i



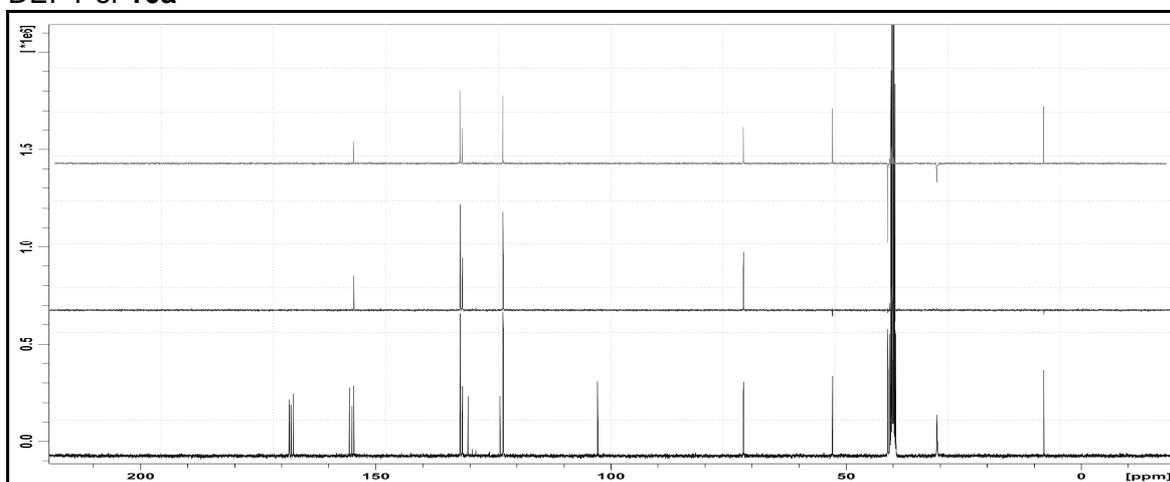
¹HNMR of 16a

IR of 16a

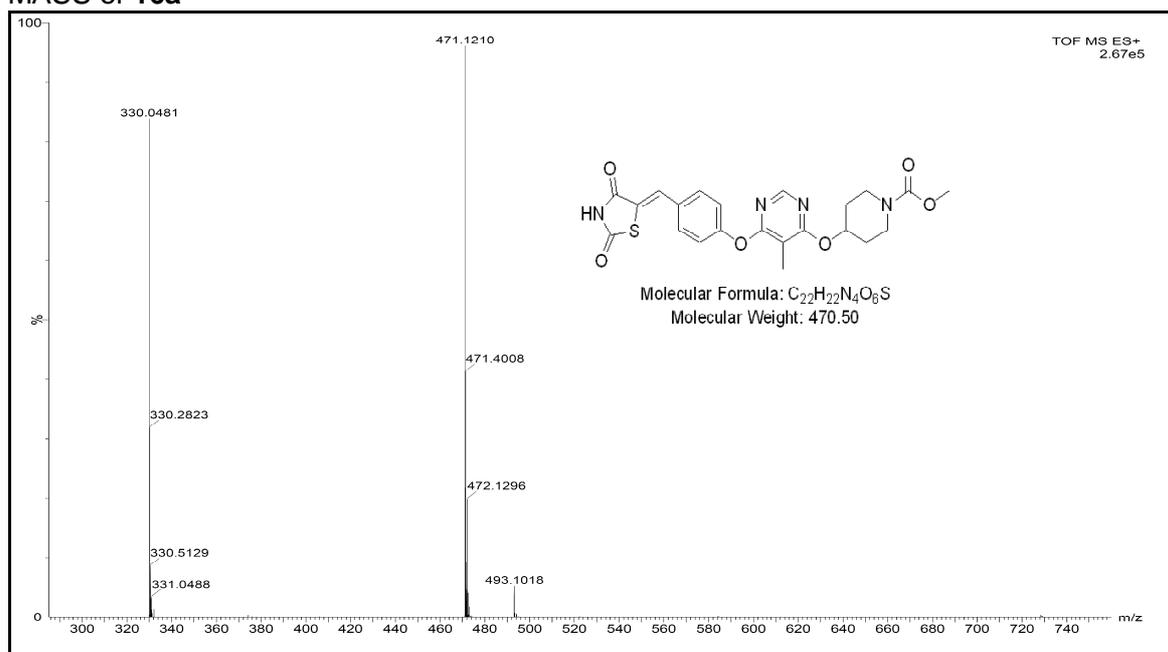


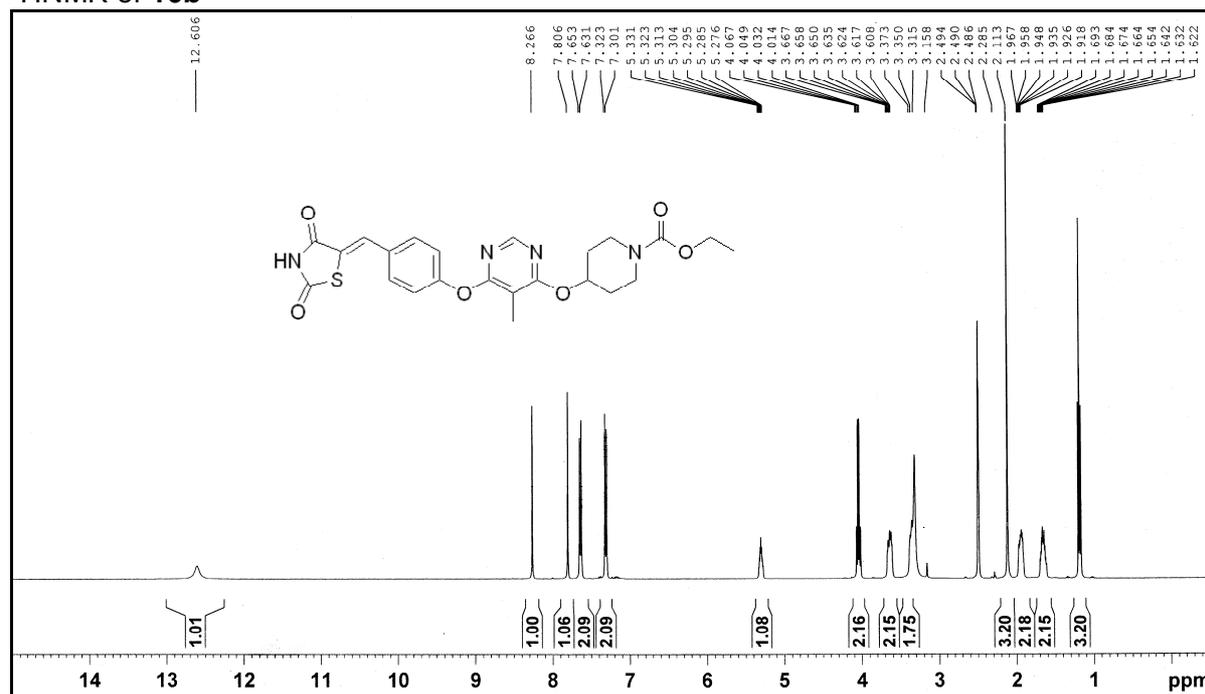
¹³CNMR of 16a

DEPT of 16a

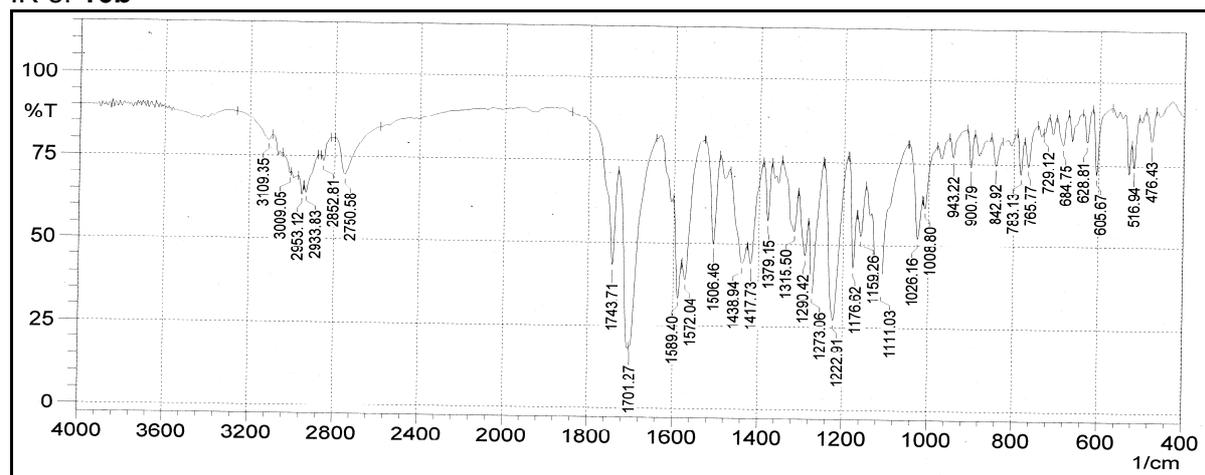


MASS of 16a

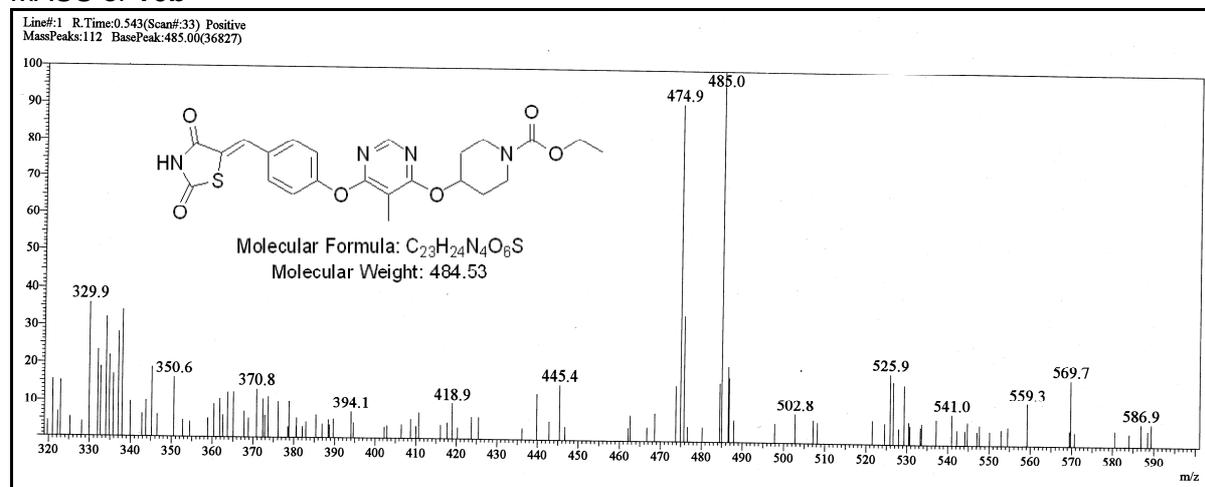


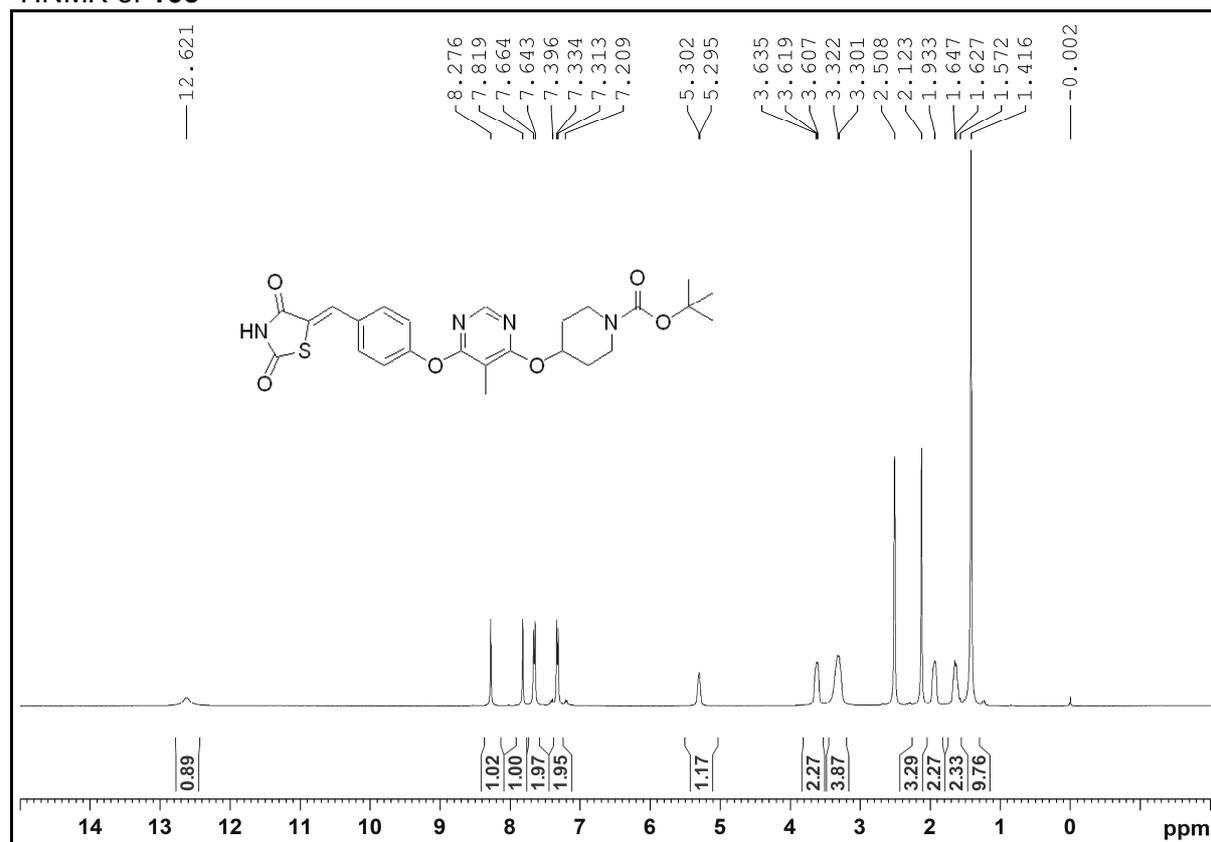
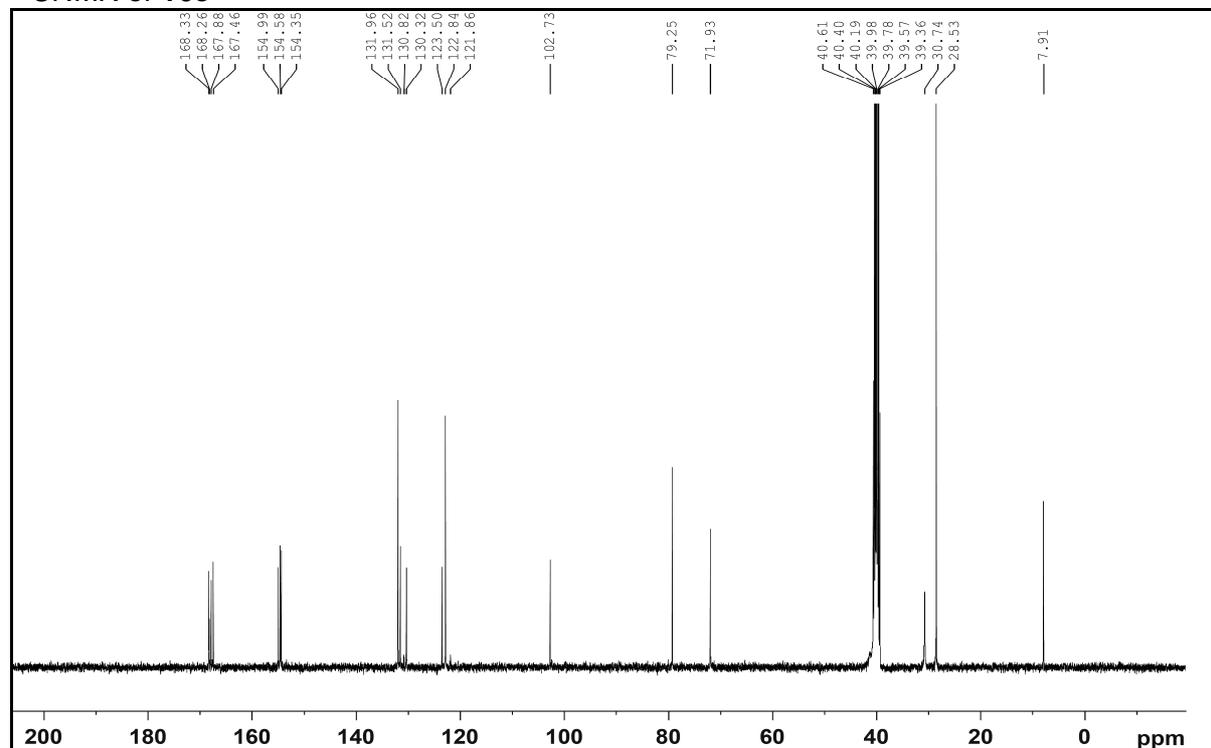
¹HNMR of 16b

IR of 16b

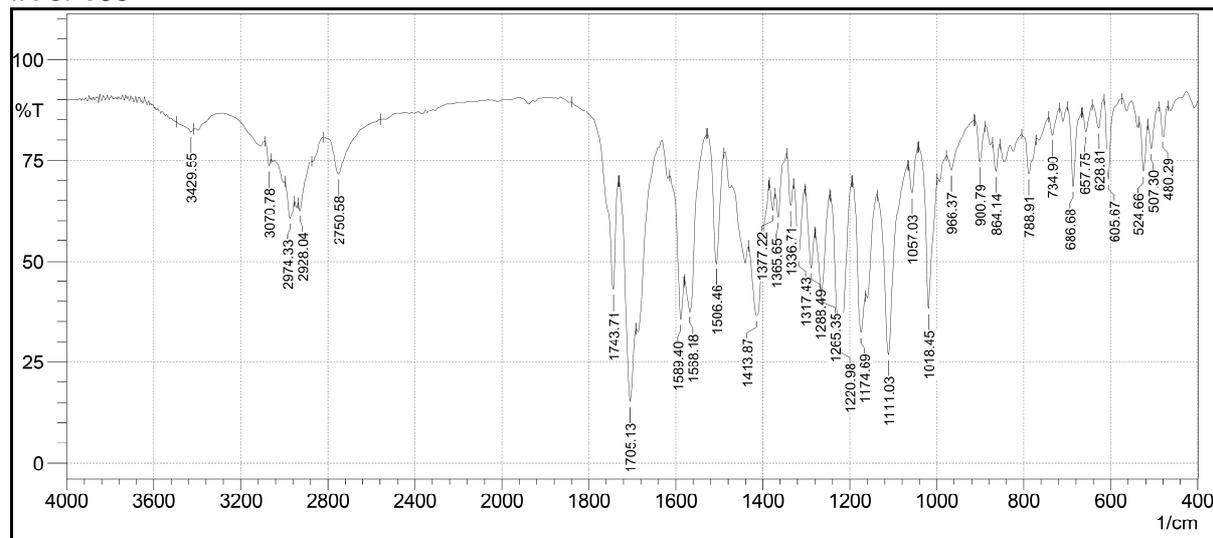


MASS of 16b

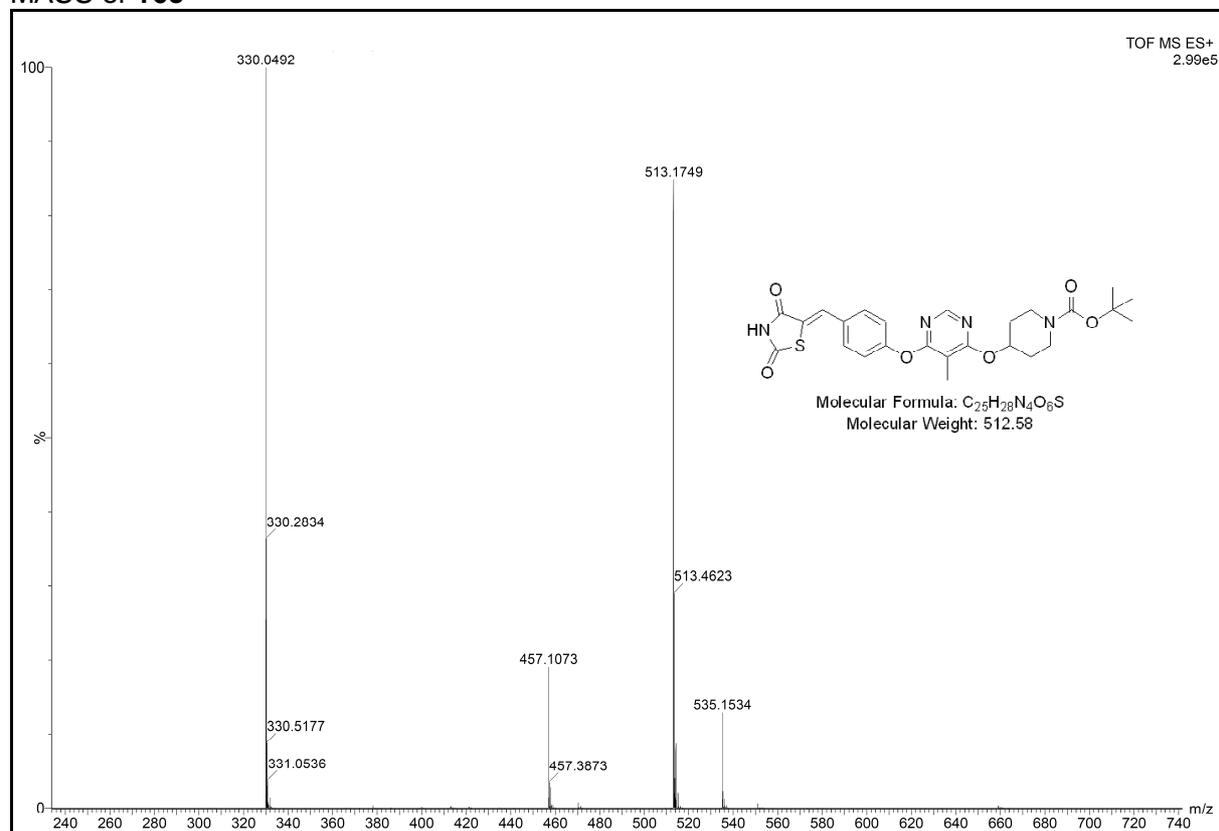


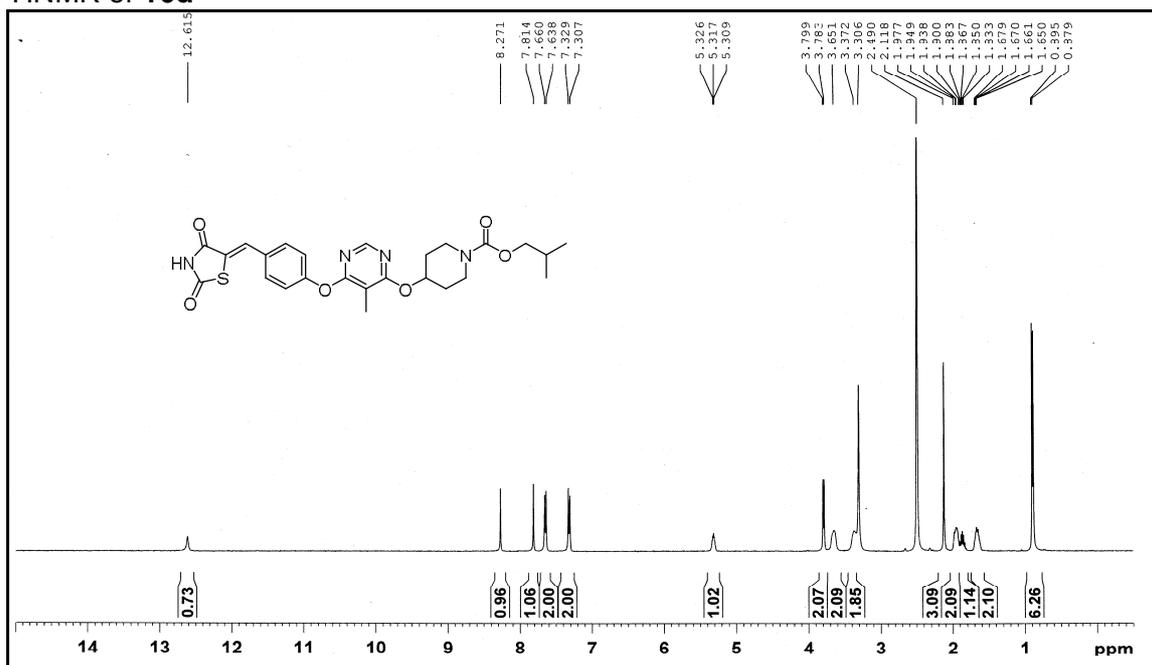
¹H NMR of **16c**¹³C NMR of **16c**

IR of 16c

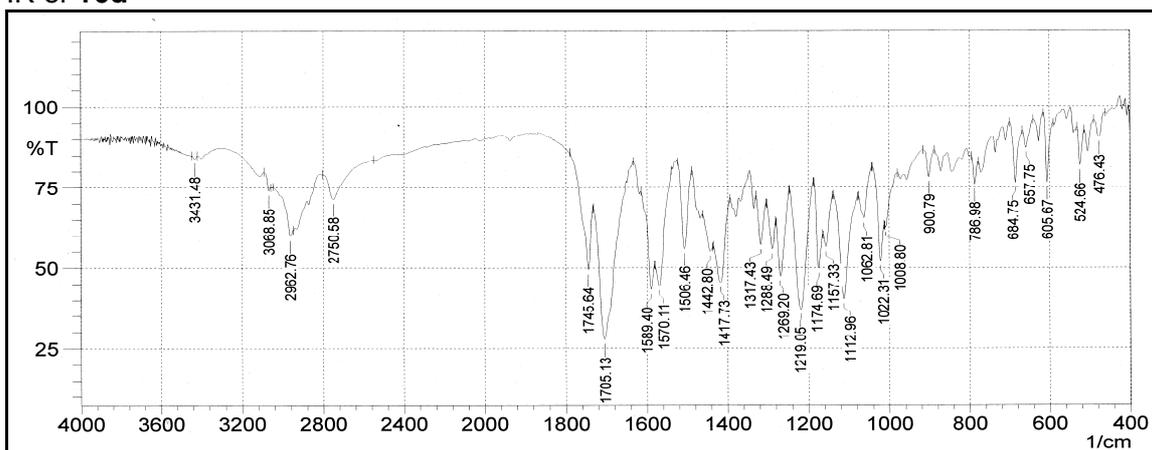


MASS of 16c

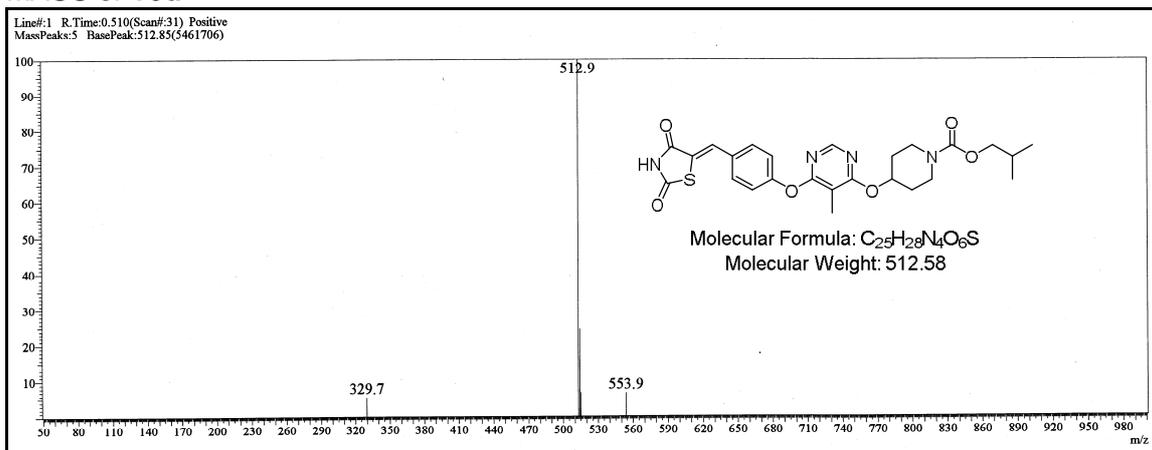


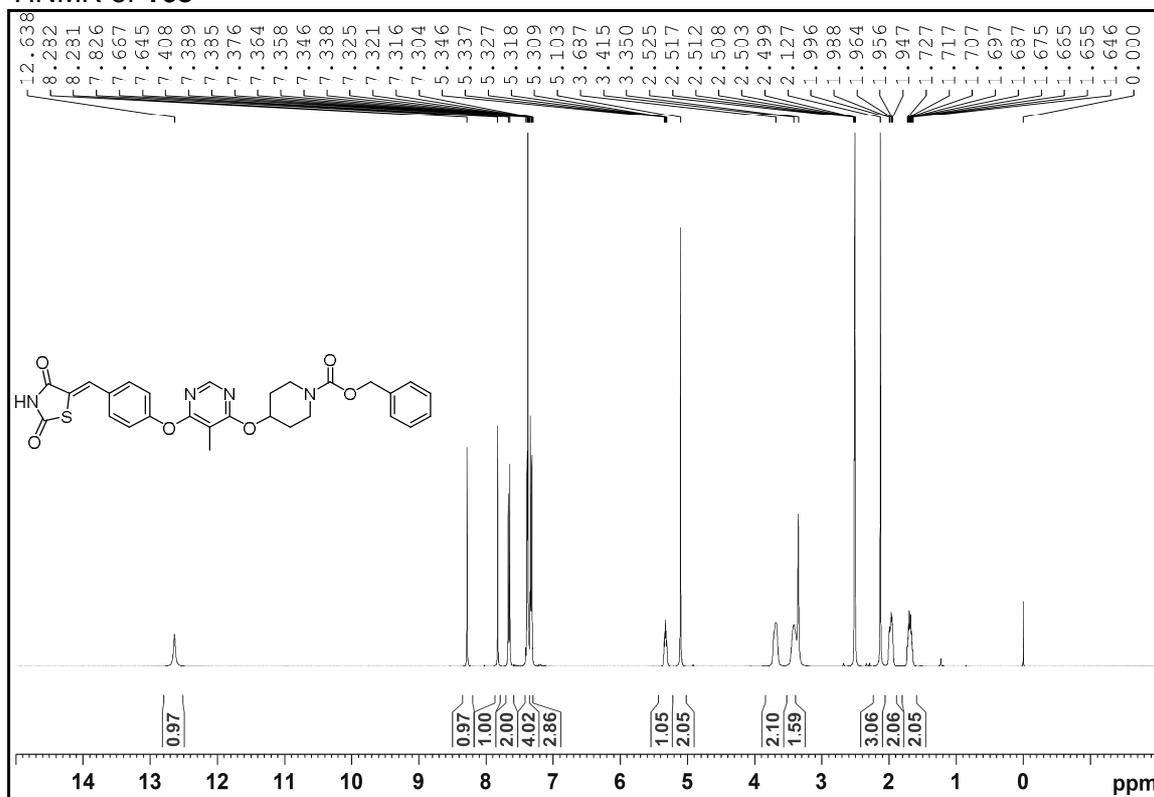
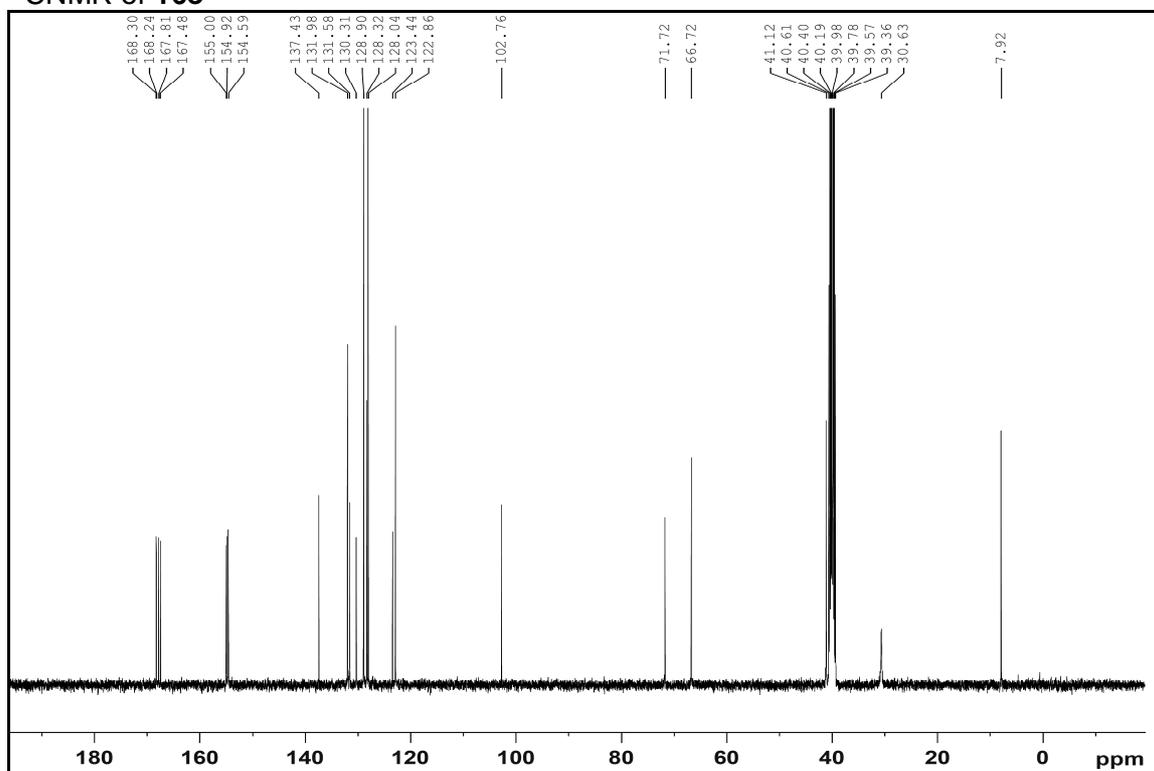
¹H NMR of 16d

IR of 16d

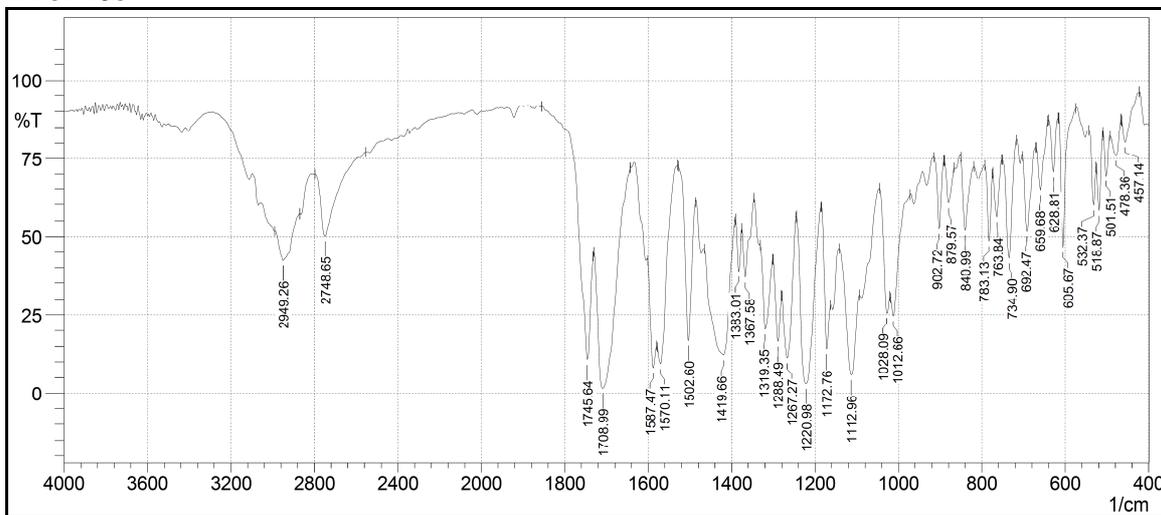


MASS of 16d

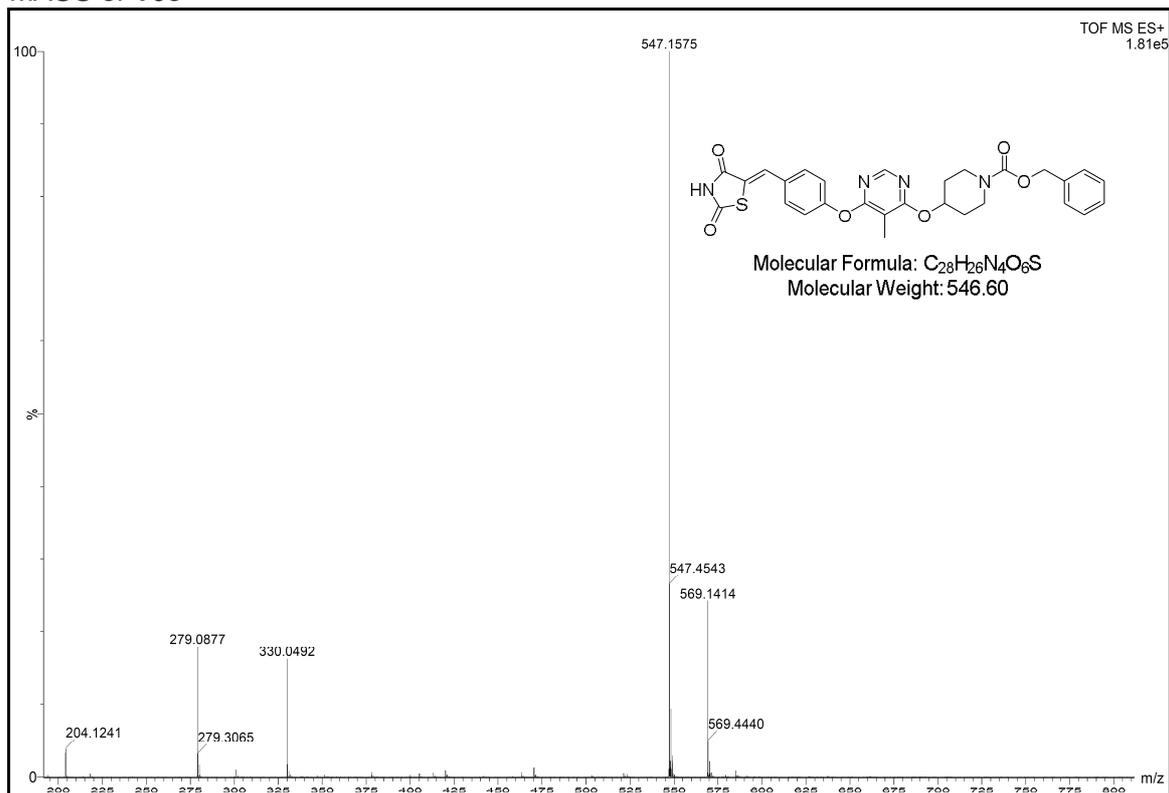


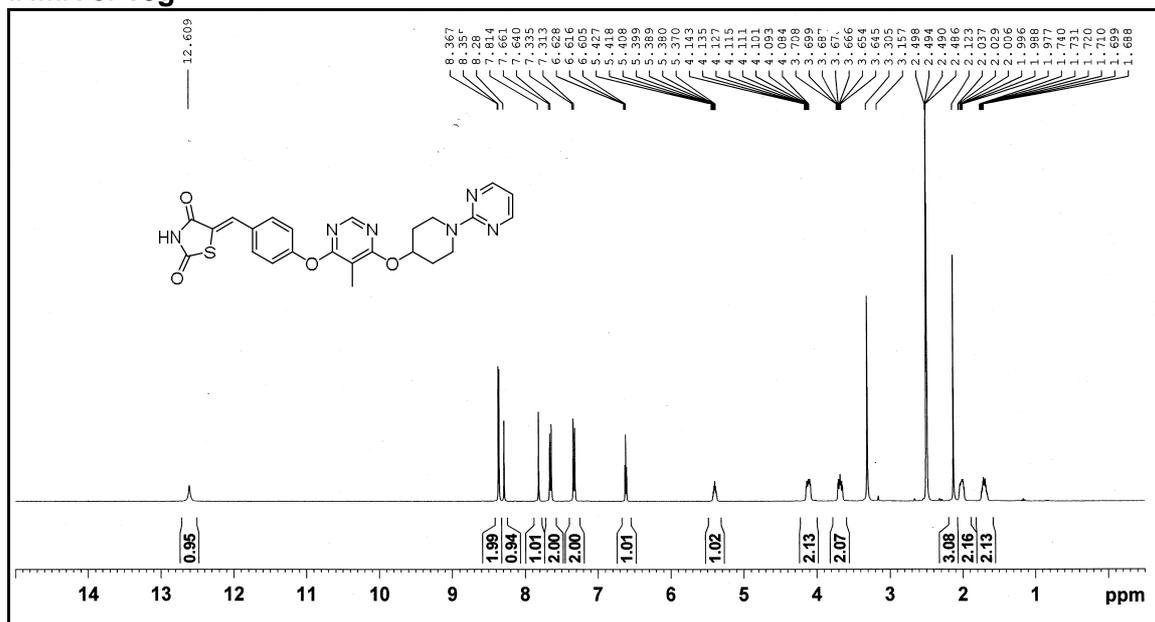
¹H NMR of 16e¹³C NMR of 16e

IR of 16e

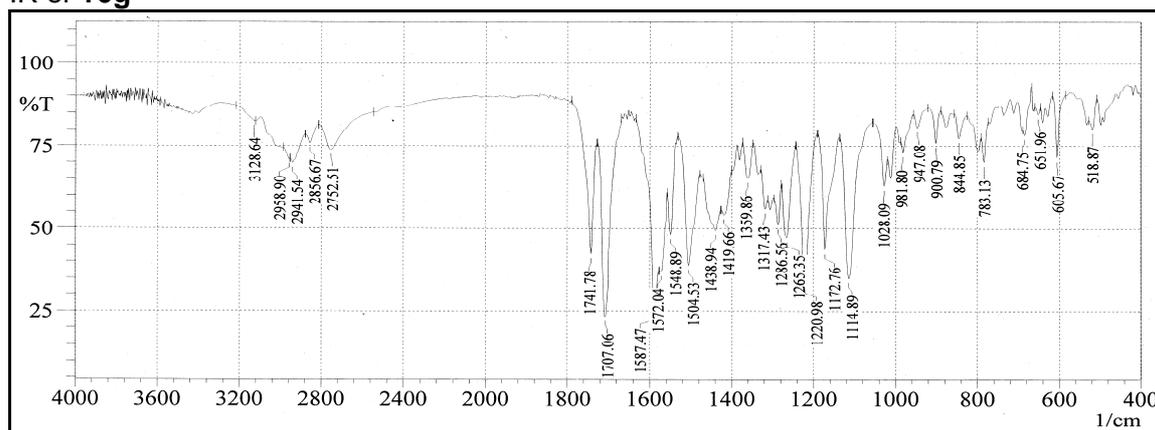


MASS of 16e

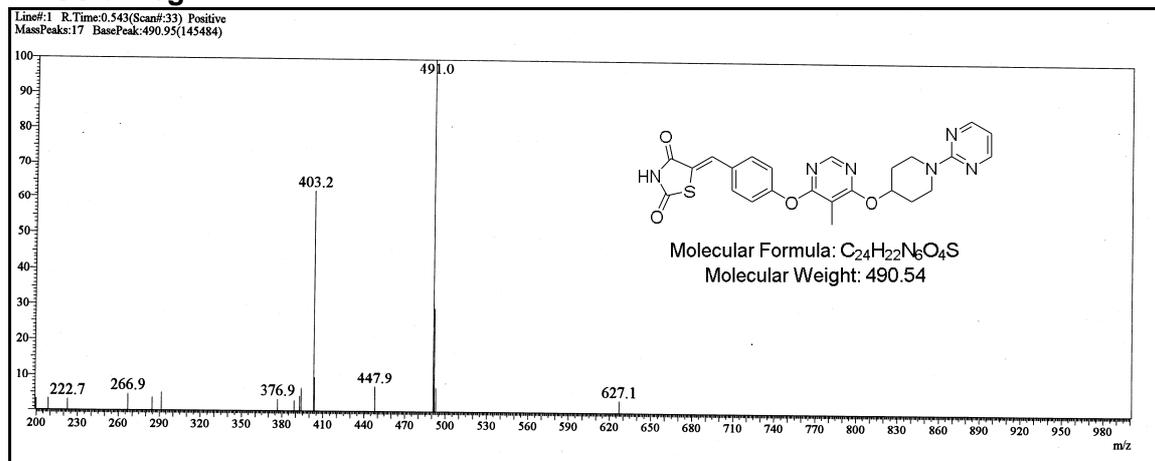


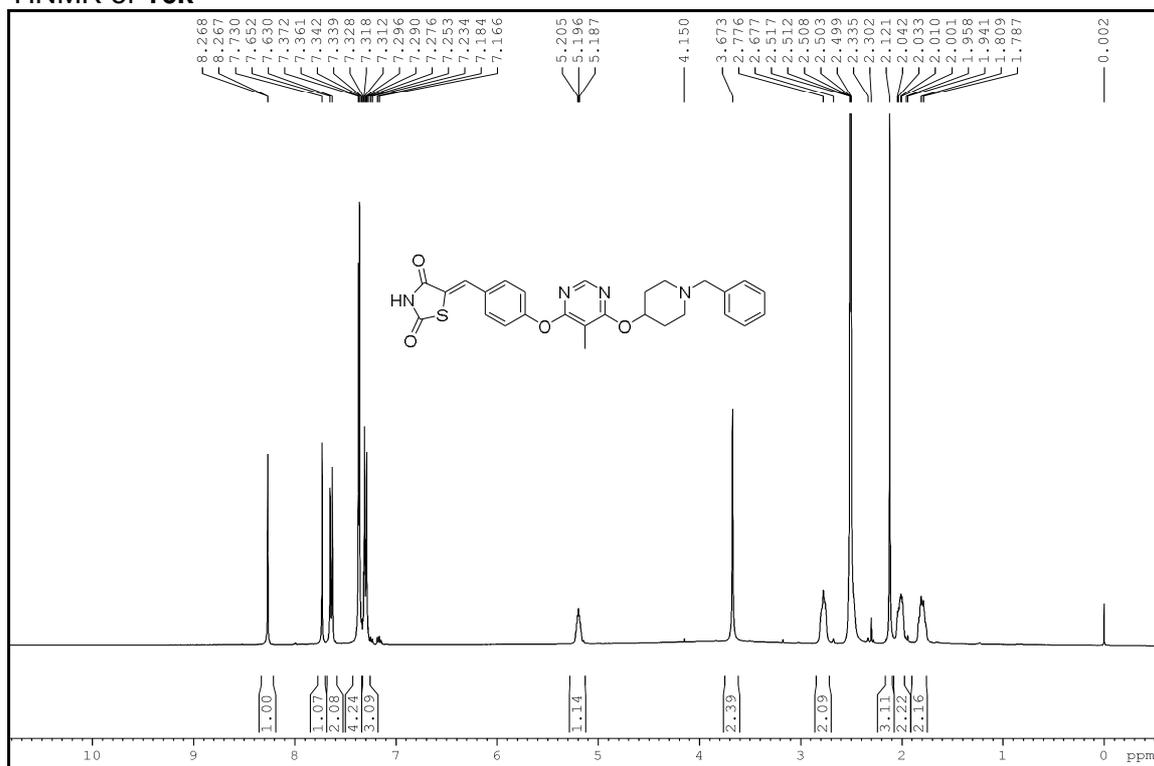
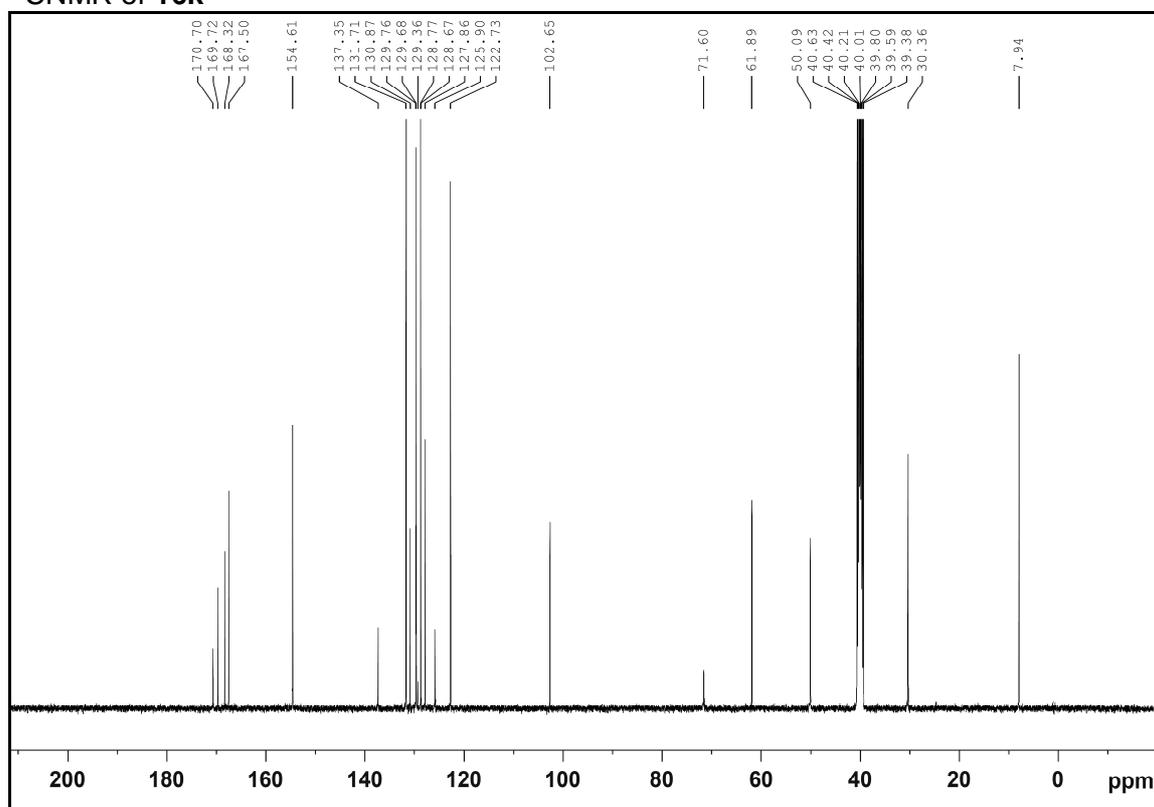
¹H NMR of 16g

IR of 16g

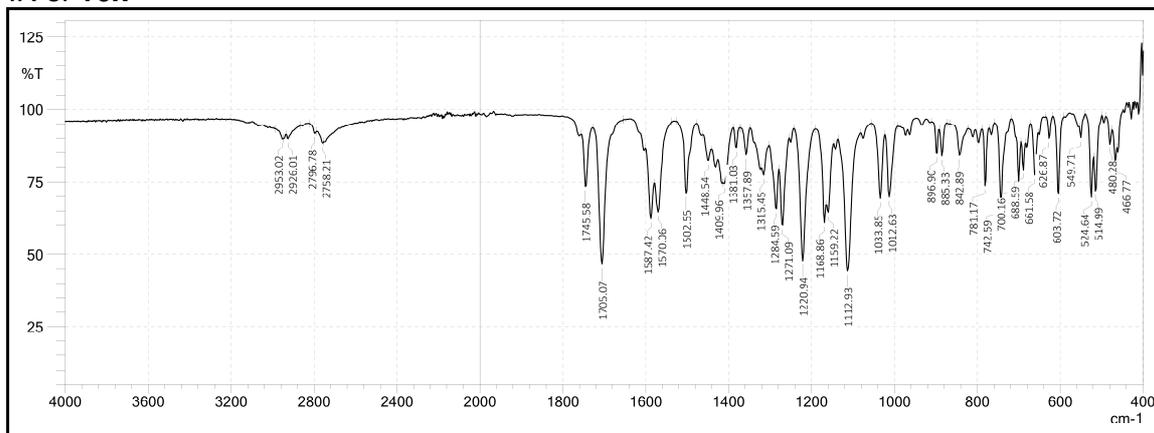


MASS of 16g

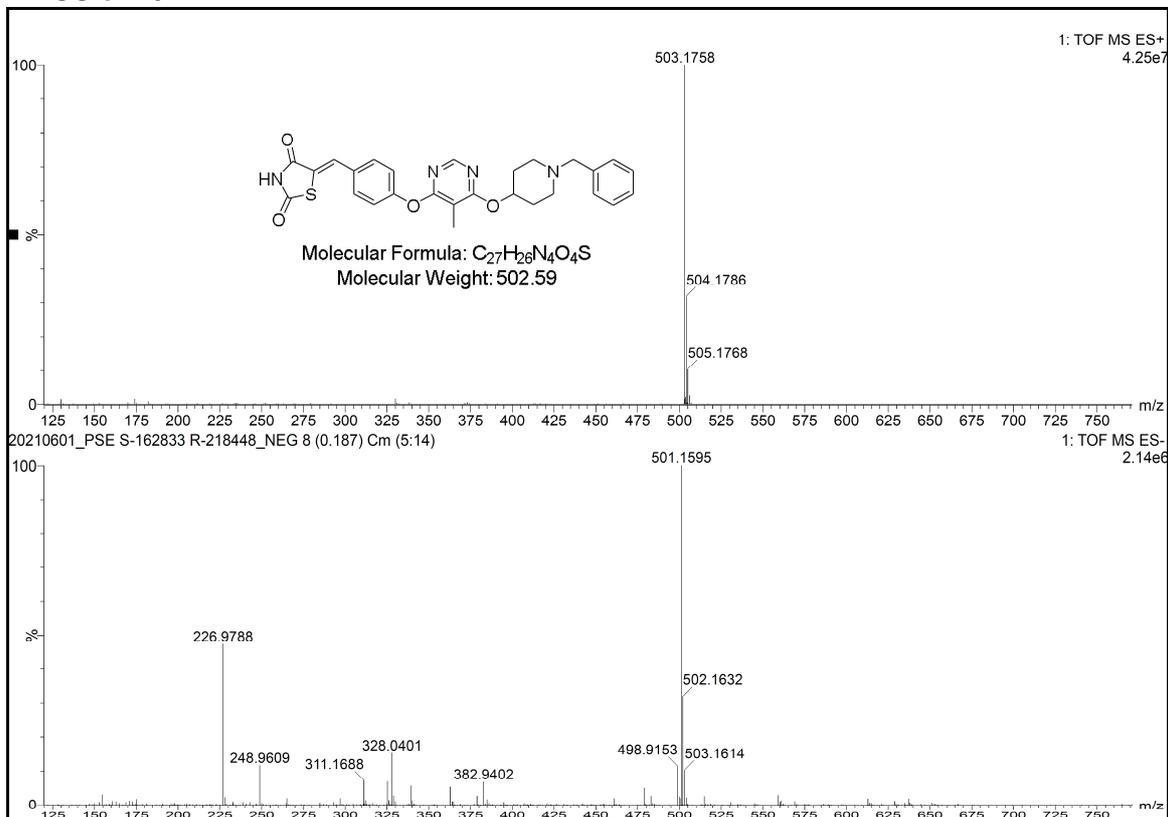


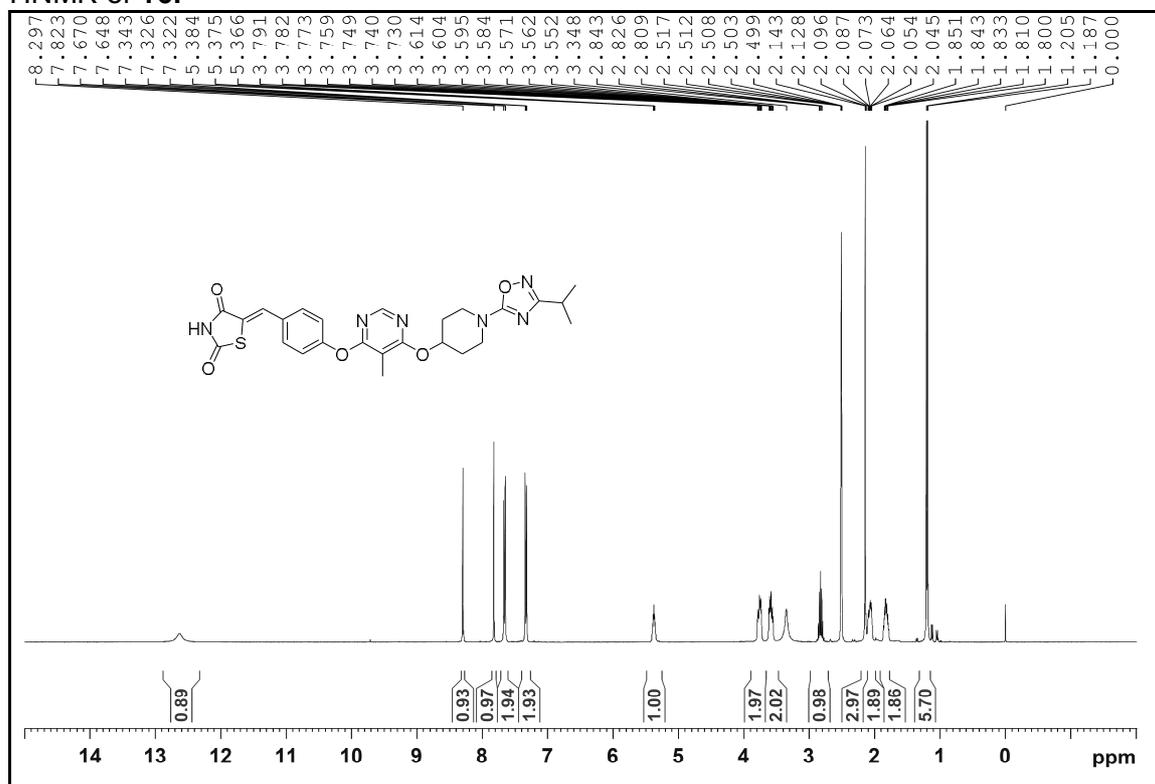
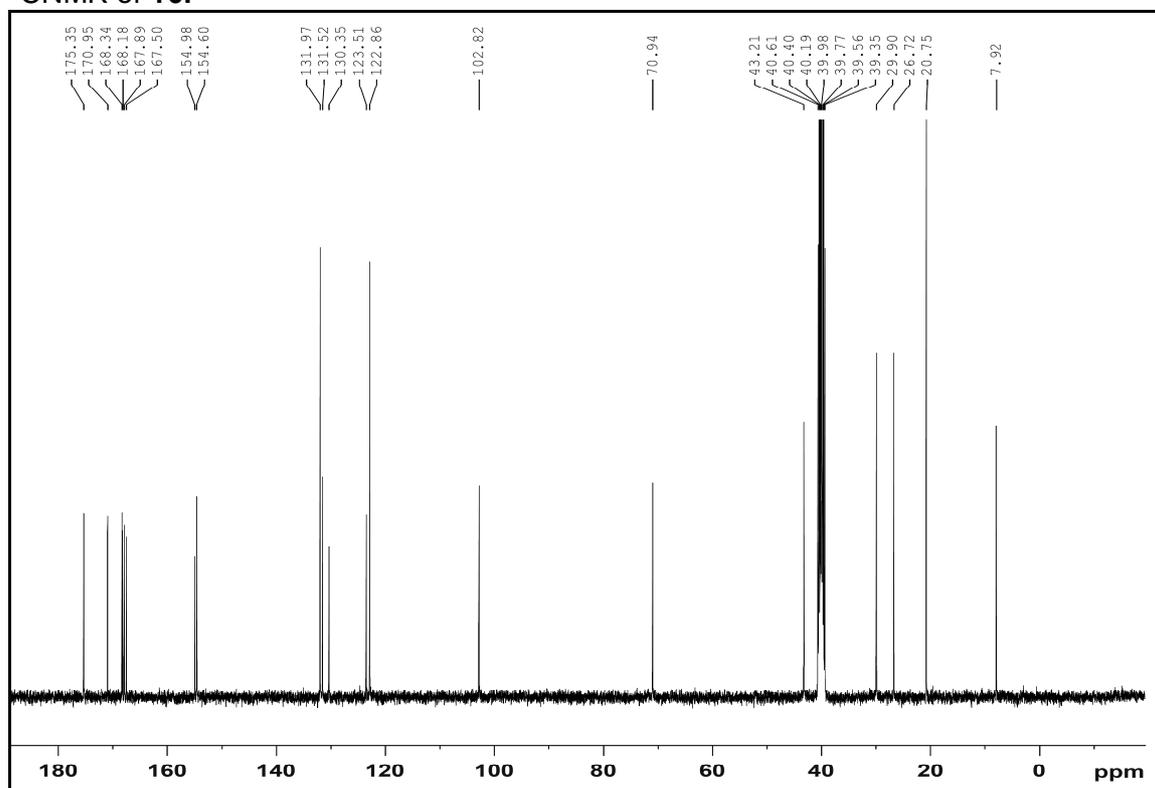
¹H NMR of 16k¹³C NMR of 16k

IR of 16k

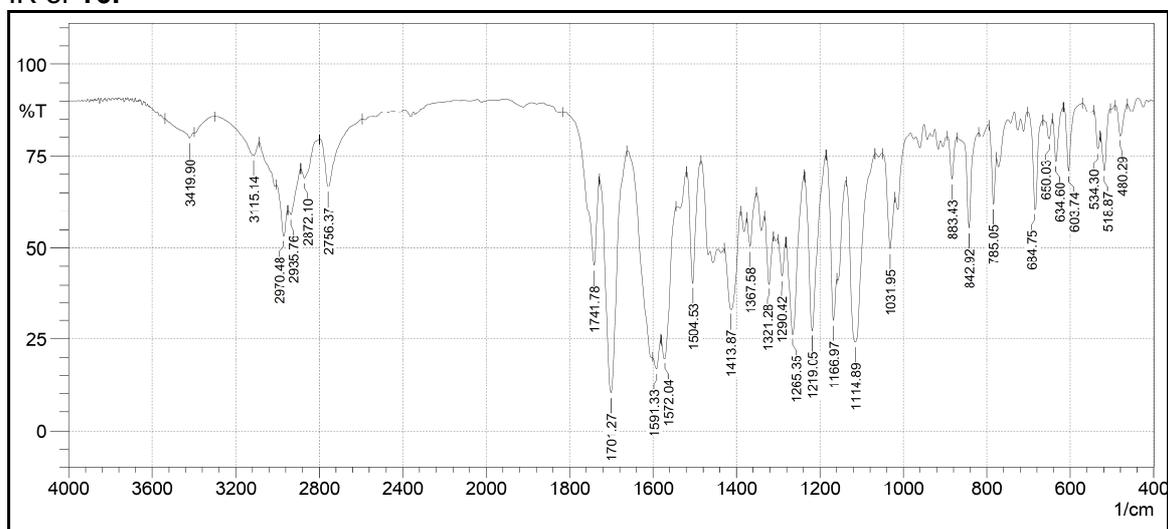


MASS of 16k

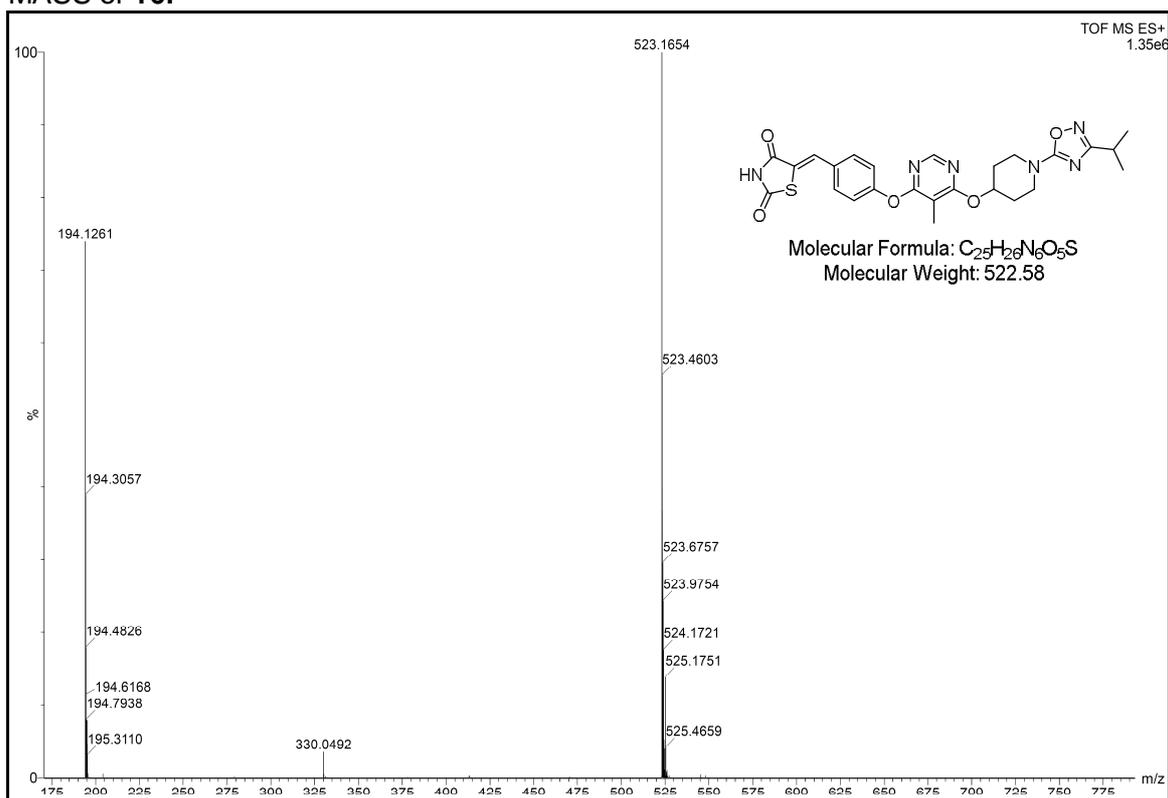


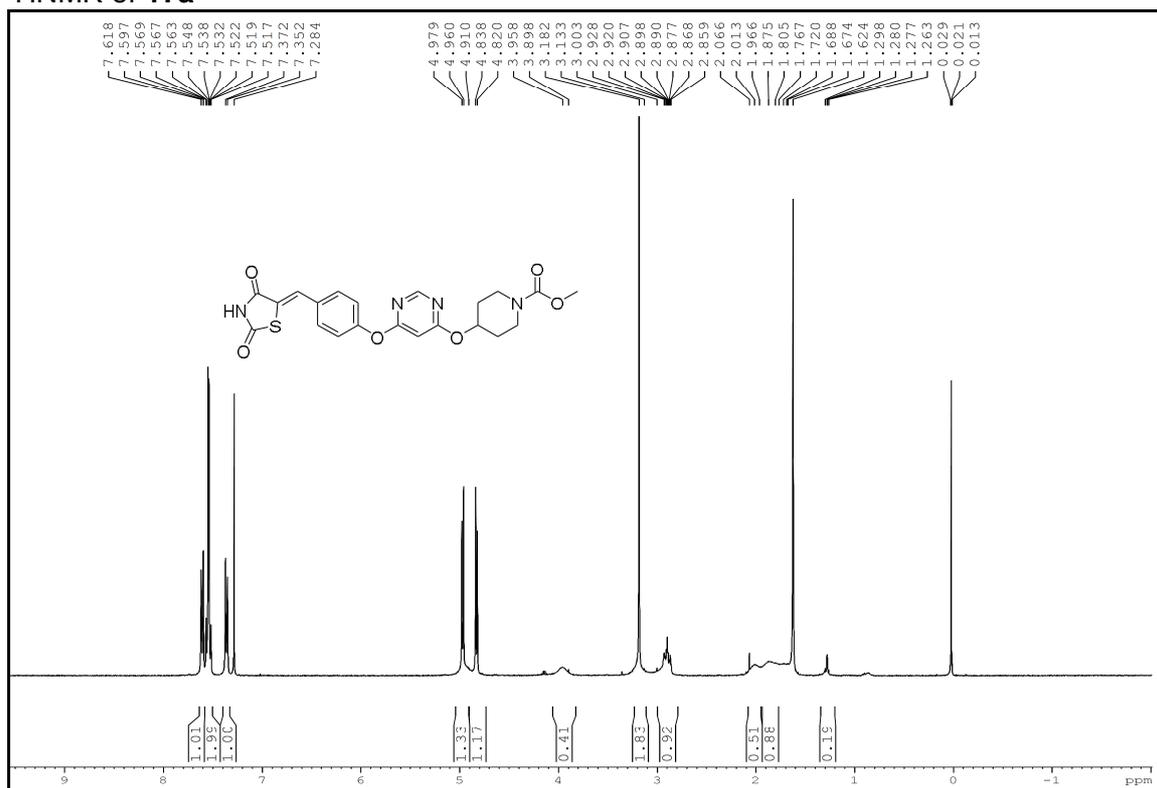
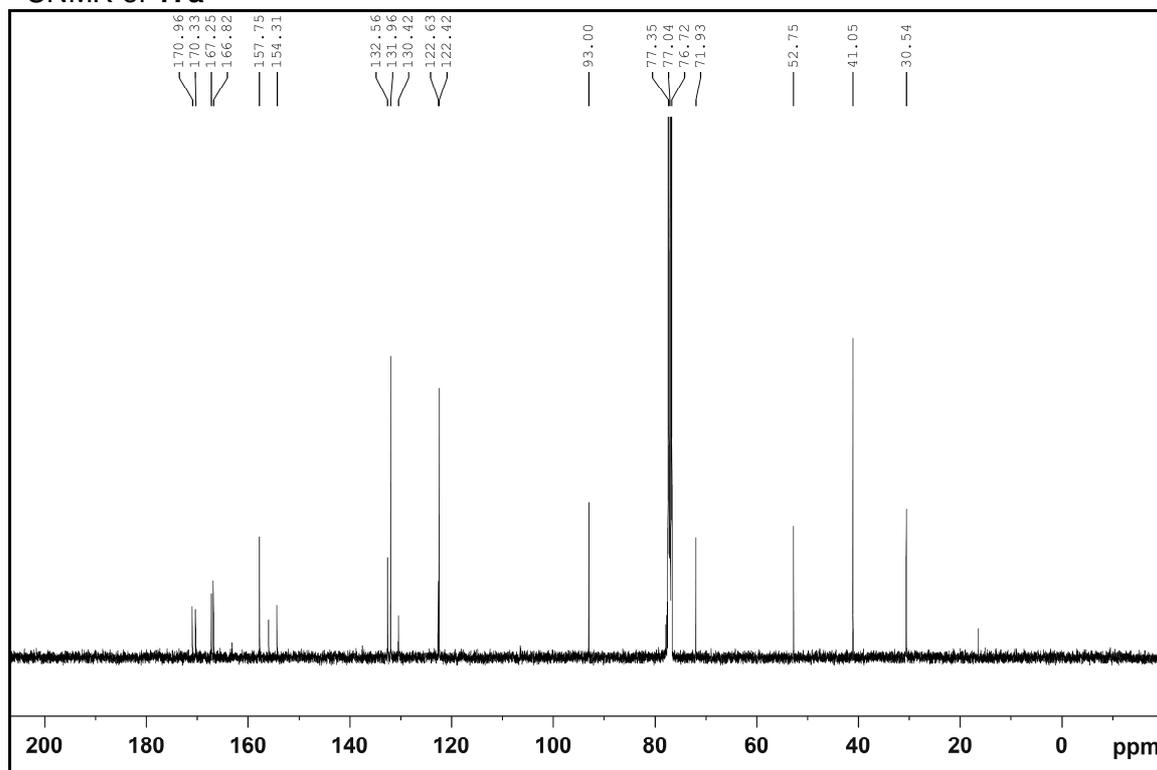
¹H NMR of 16I¹³C NMR of 16I

IR of 161

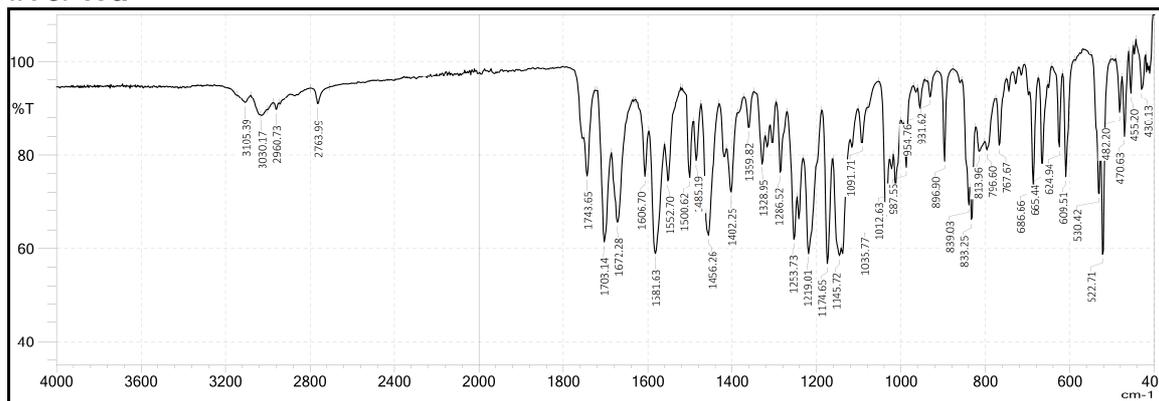
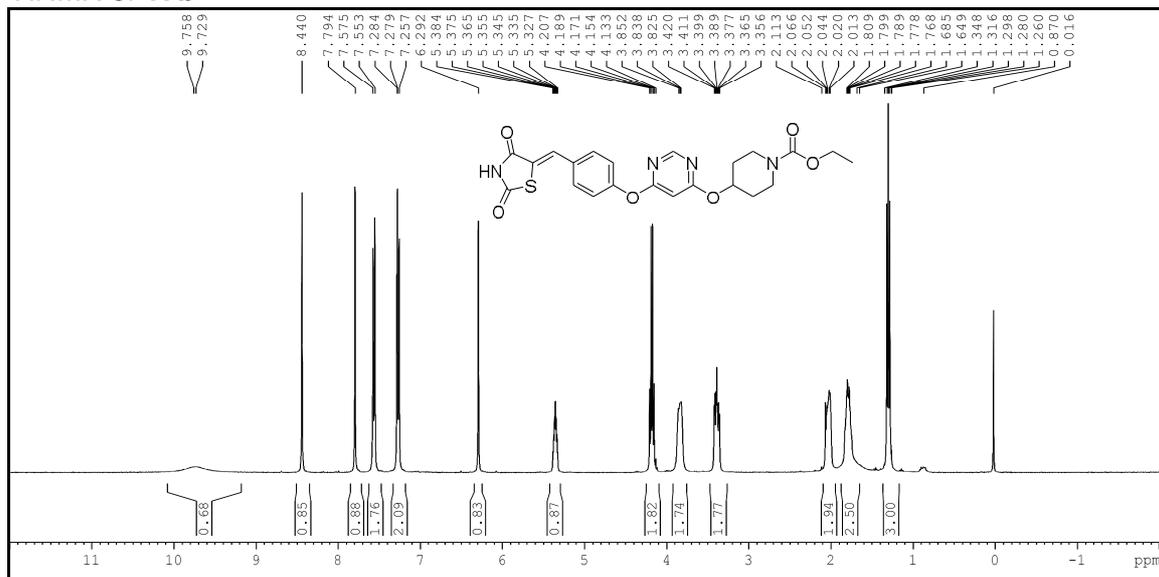
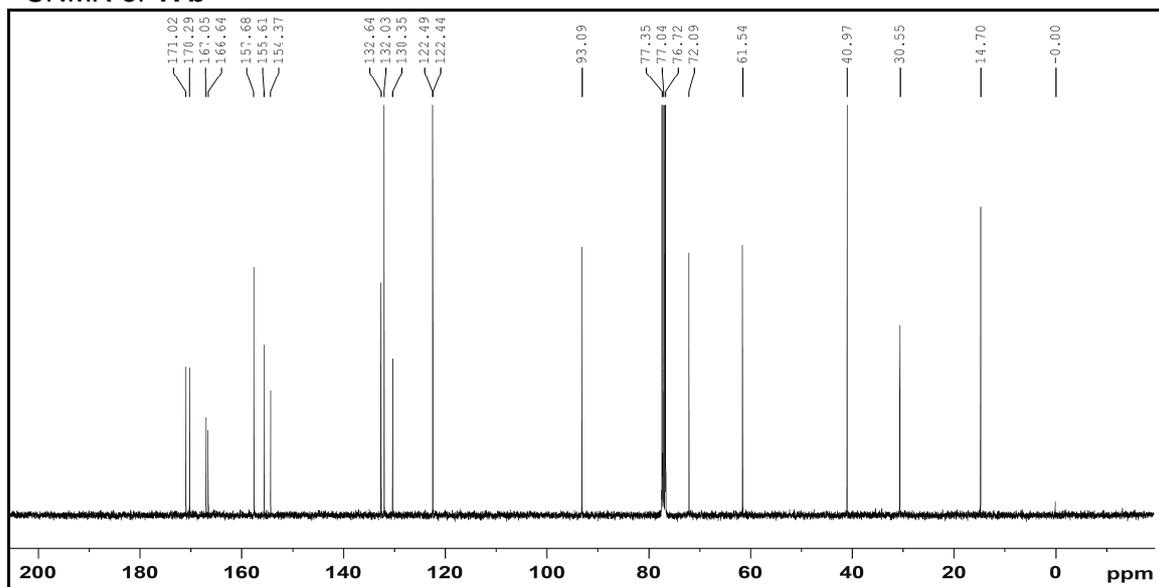


MASS of 161

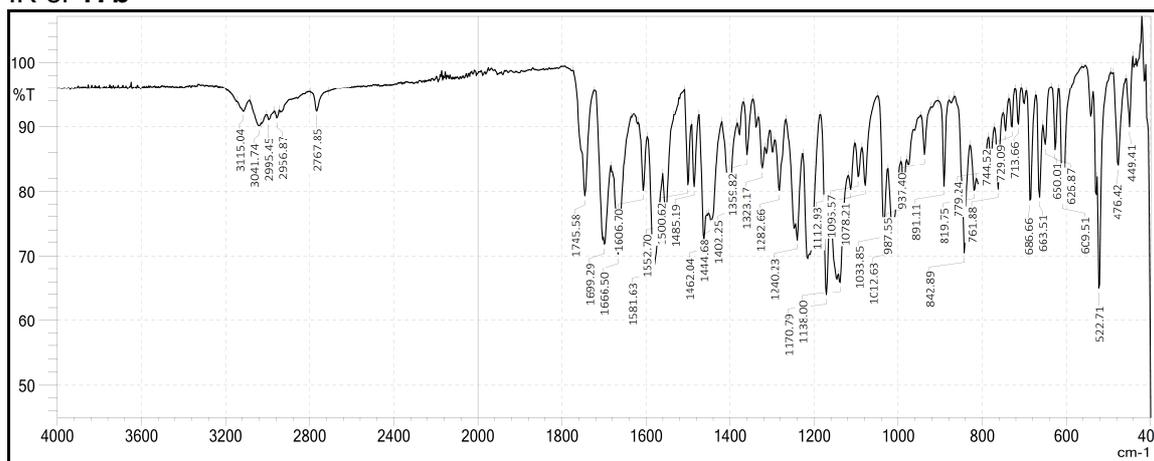


¹H NMR of 17a¹³C NMR of 17a

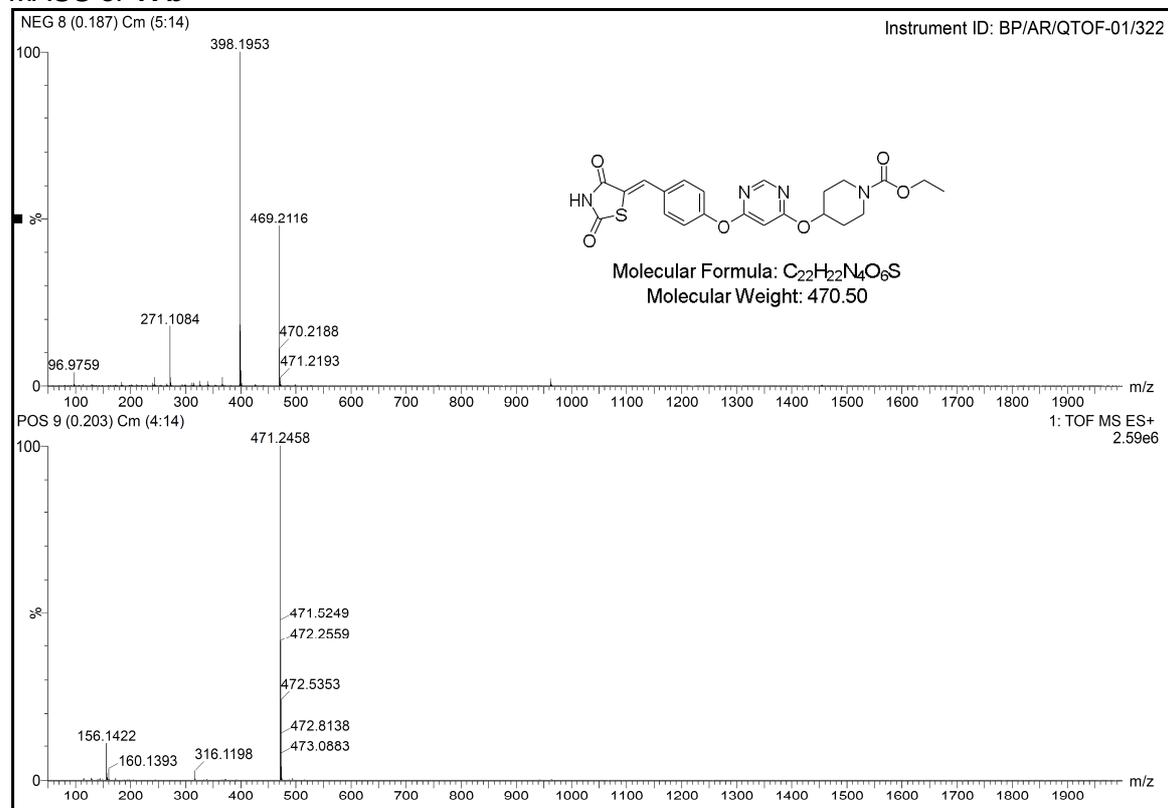
IR of 17a

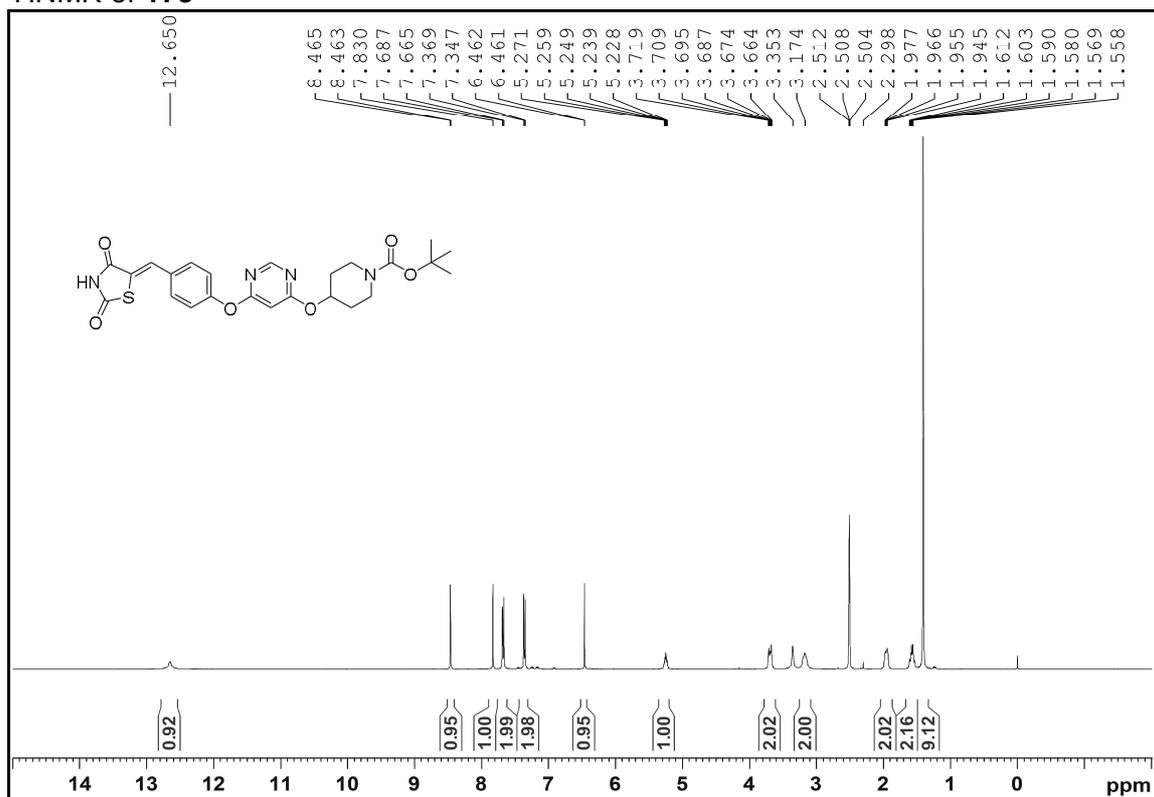
¹H NMR of 17b¹³C NMR of 17b

IR of 17b

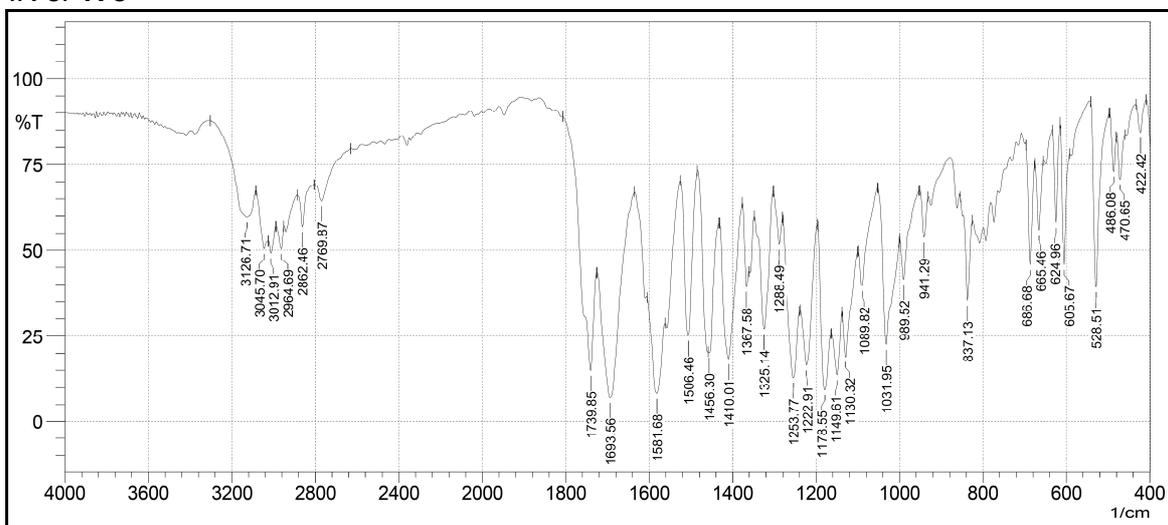


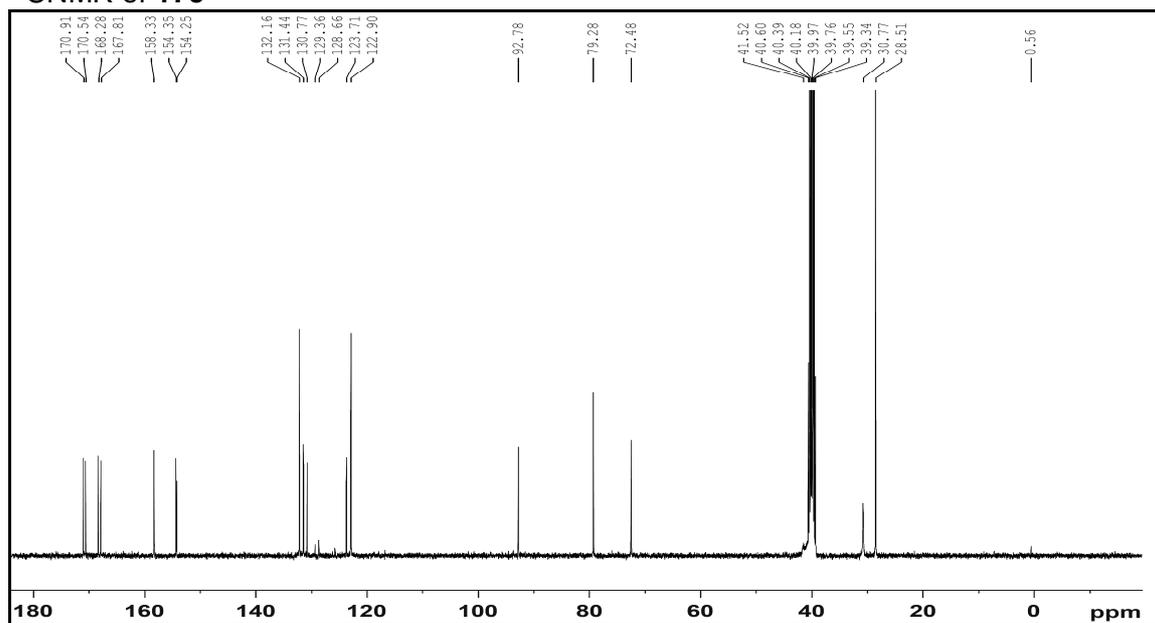
MASS of 17b



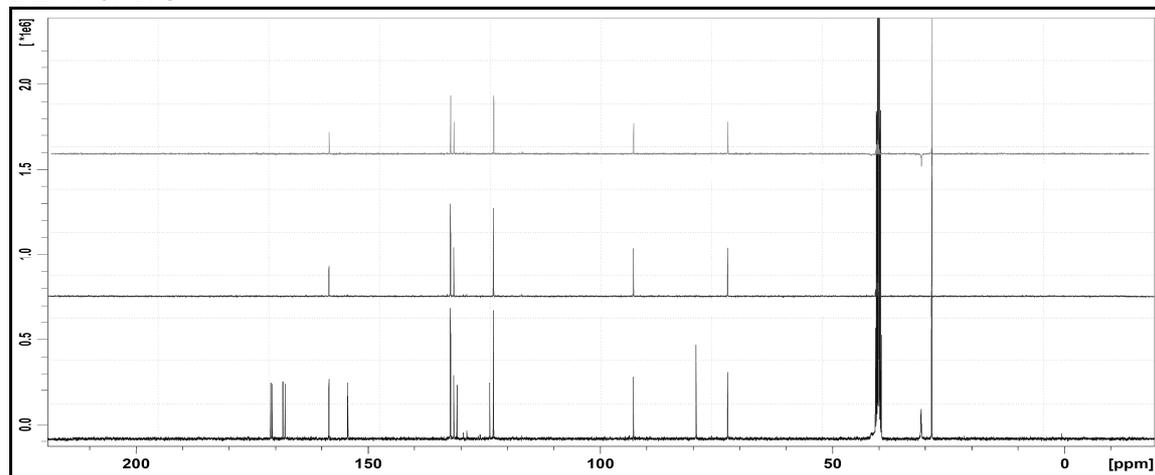
¹H NMR of 17c

IR of 17c

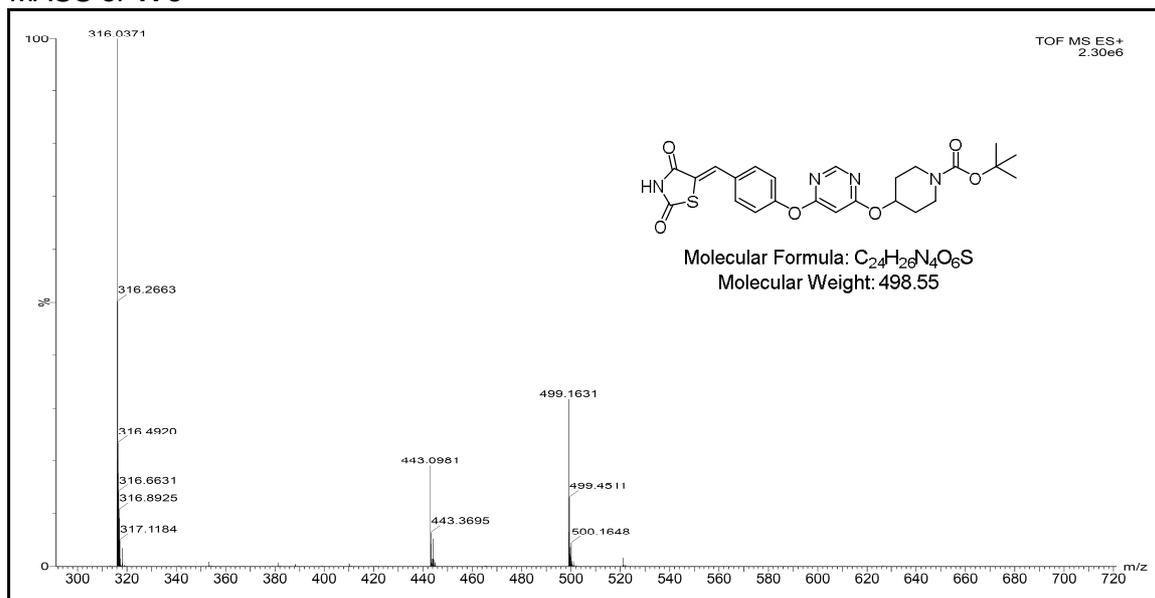


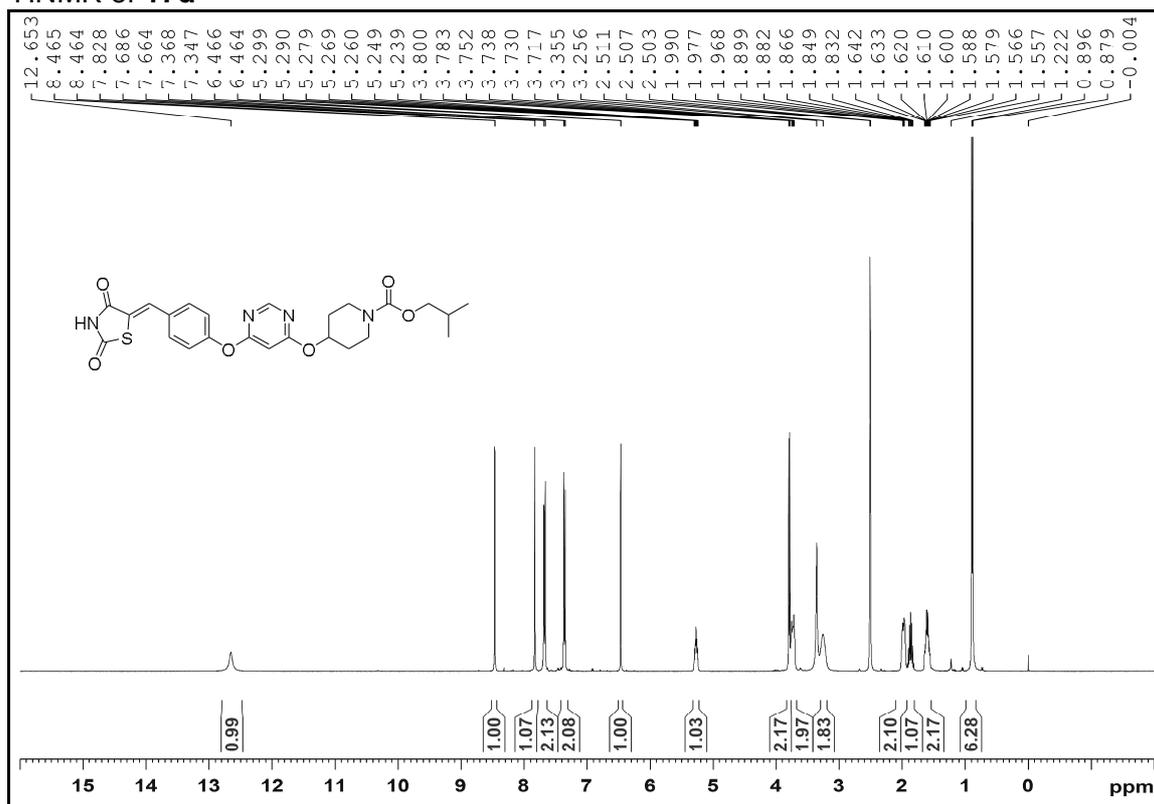
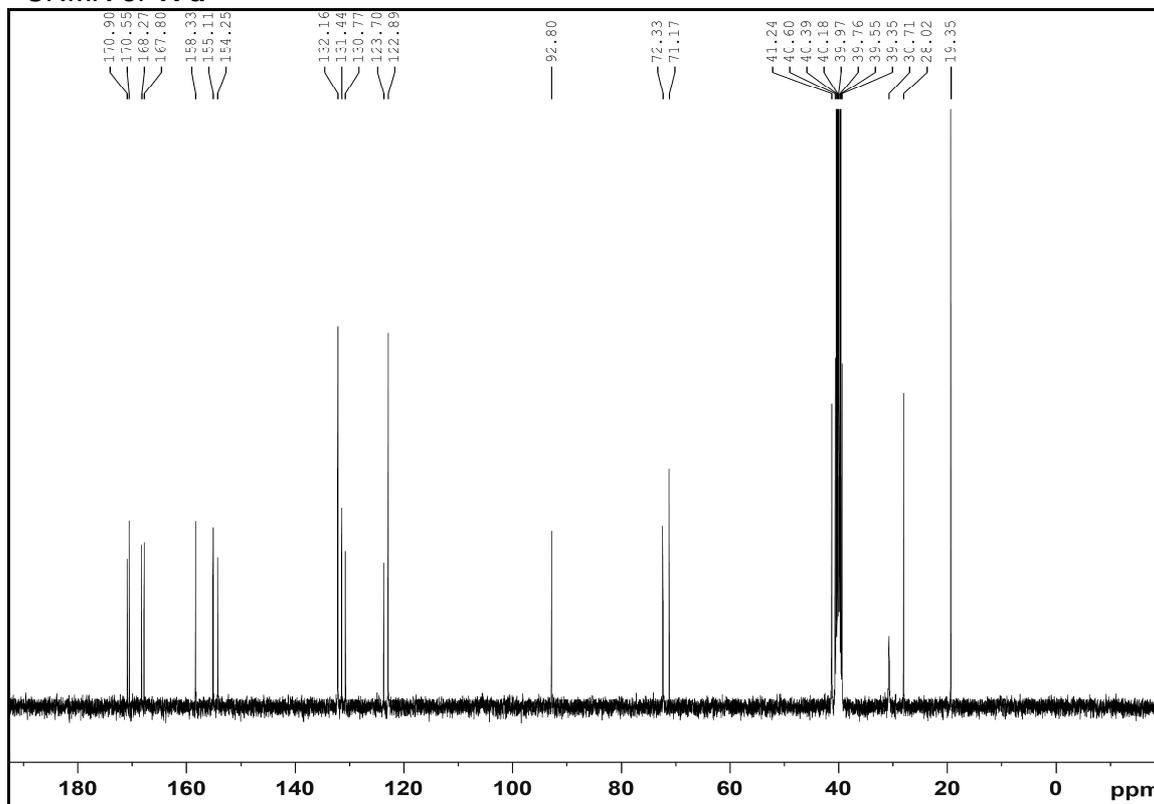
¹³CNMR of 17c

DEPT of 17c

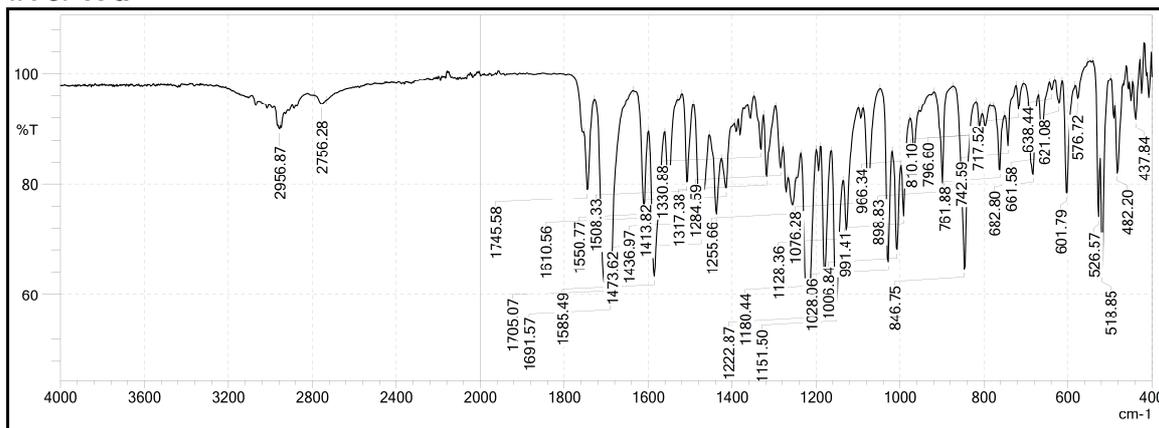


MASS of 17c

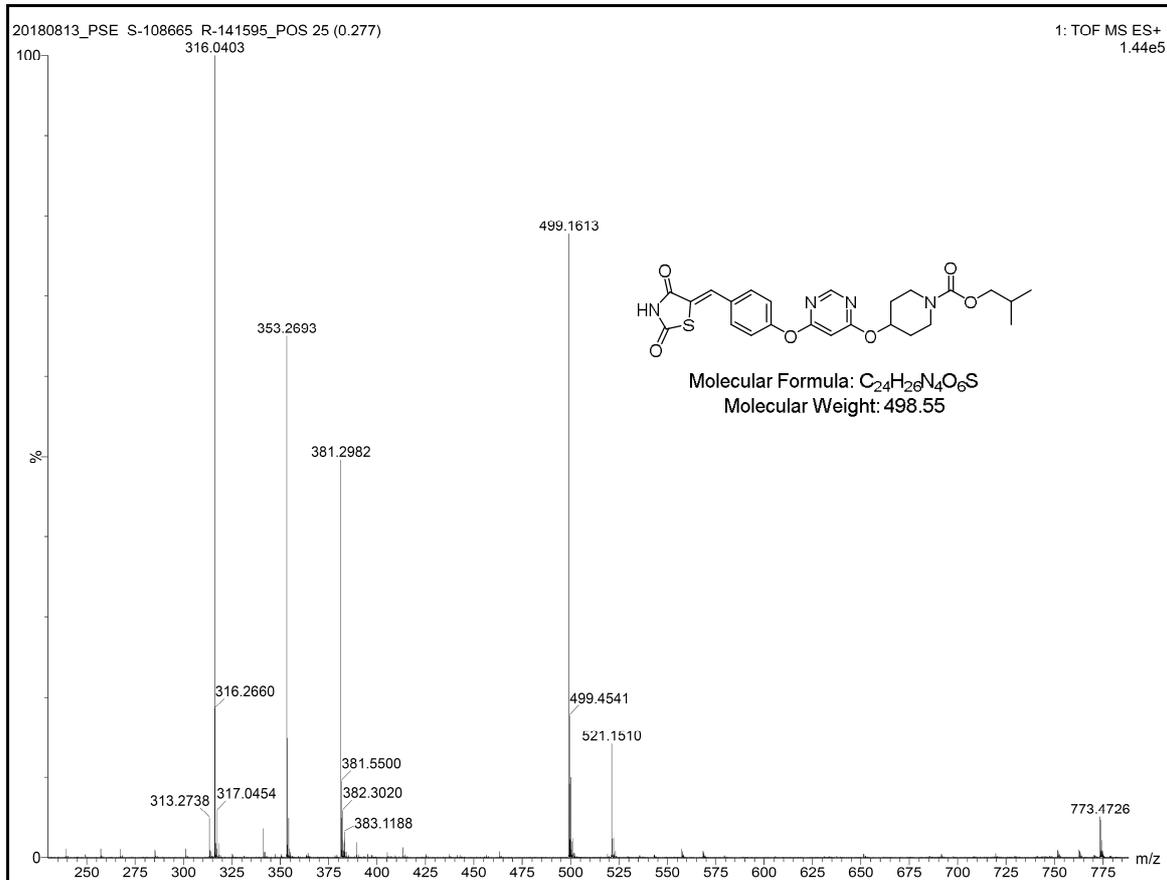


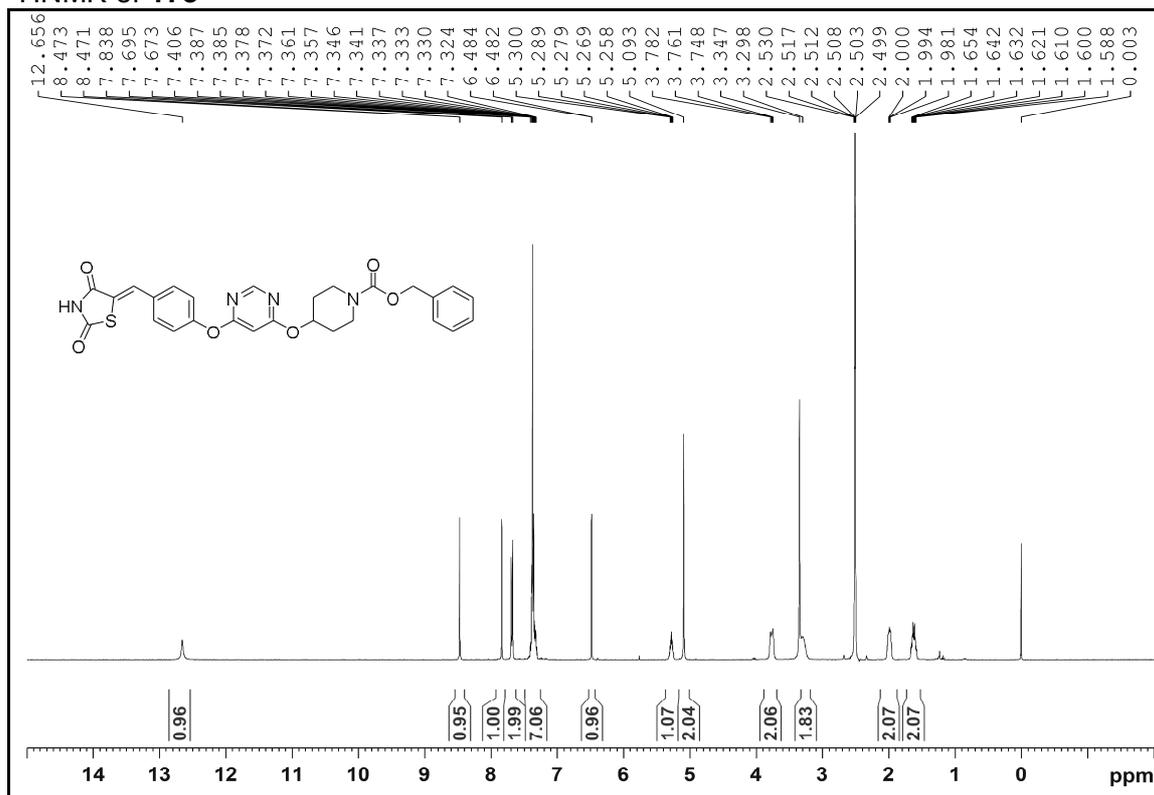
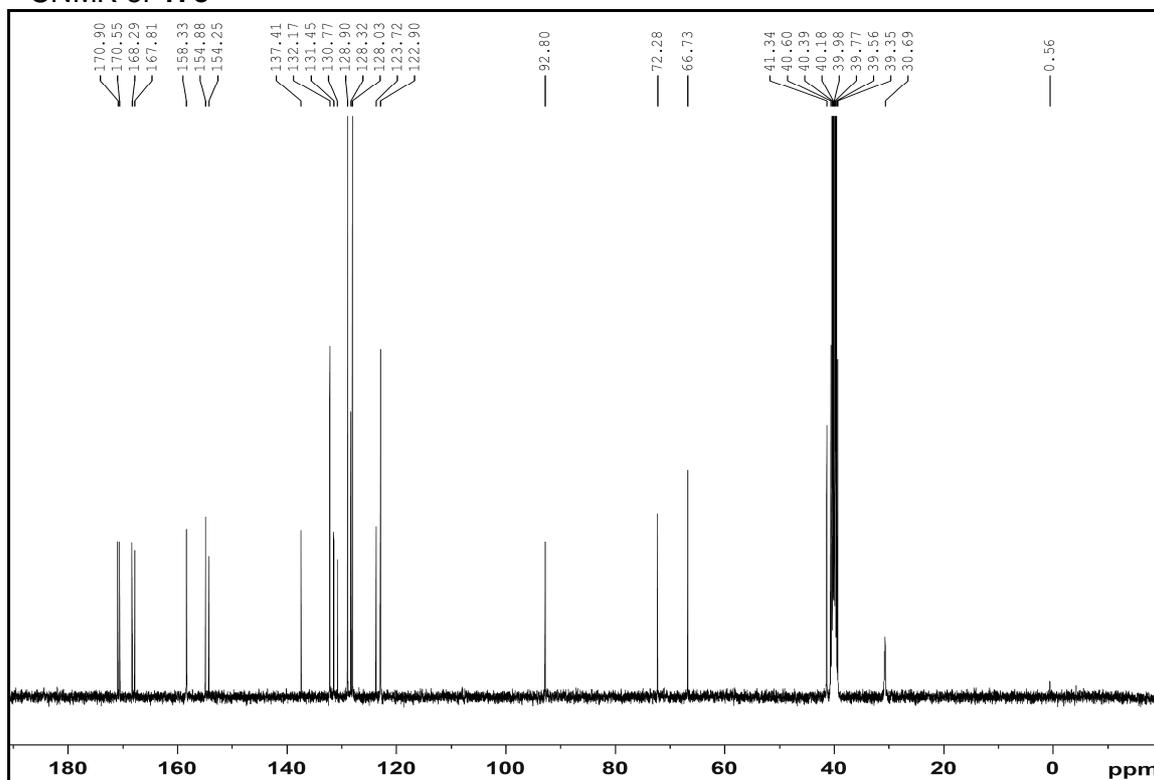
¹H NMR of 17d¹³C NMR of 17d

IR of 17d

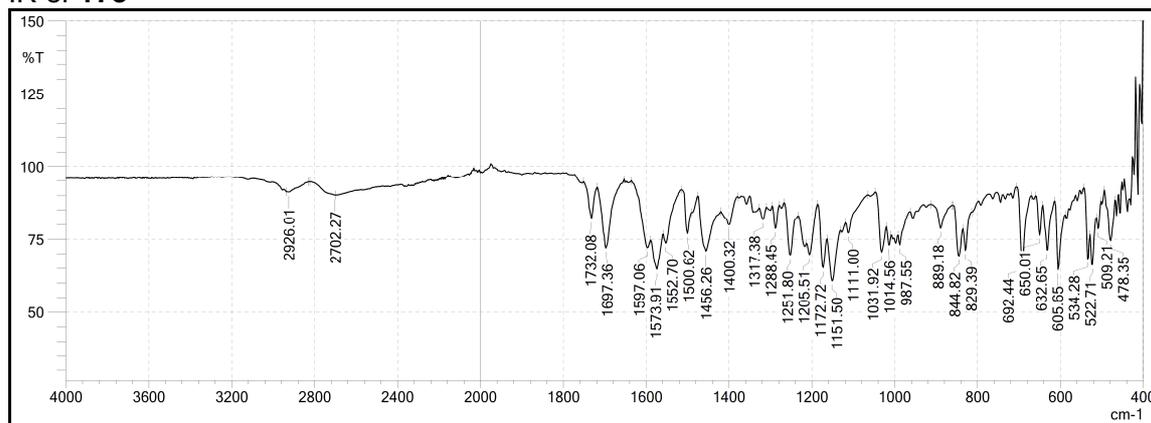


MASS of 17d

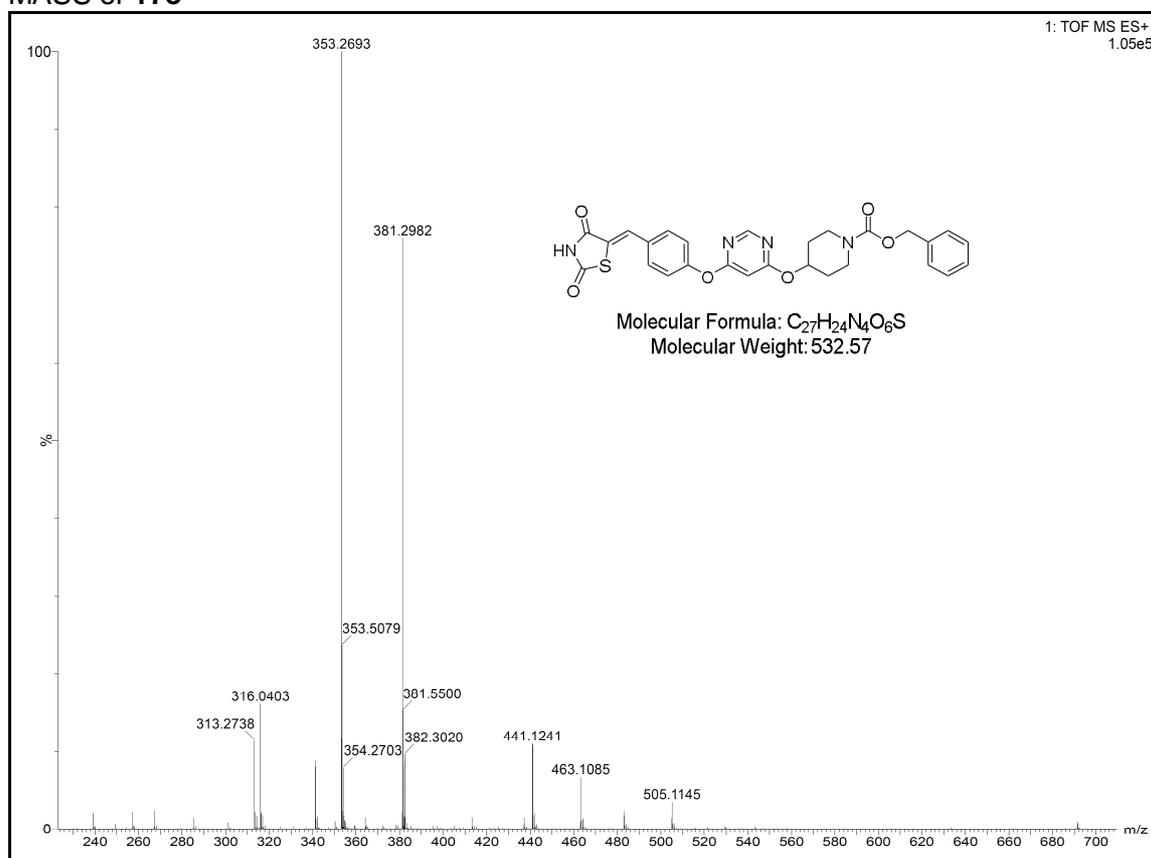


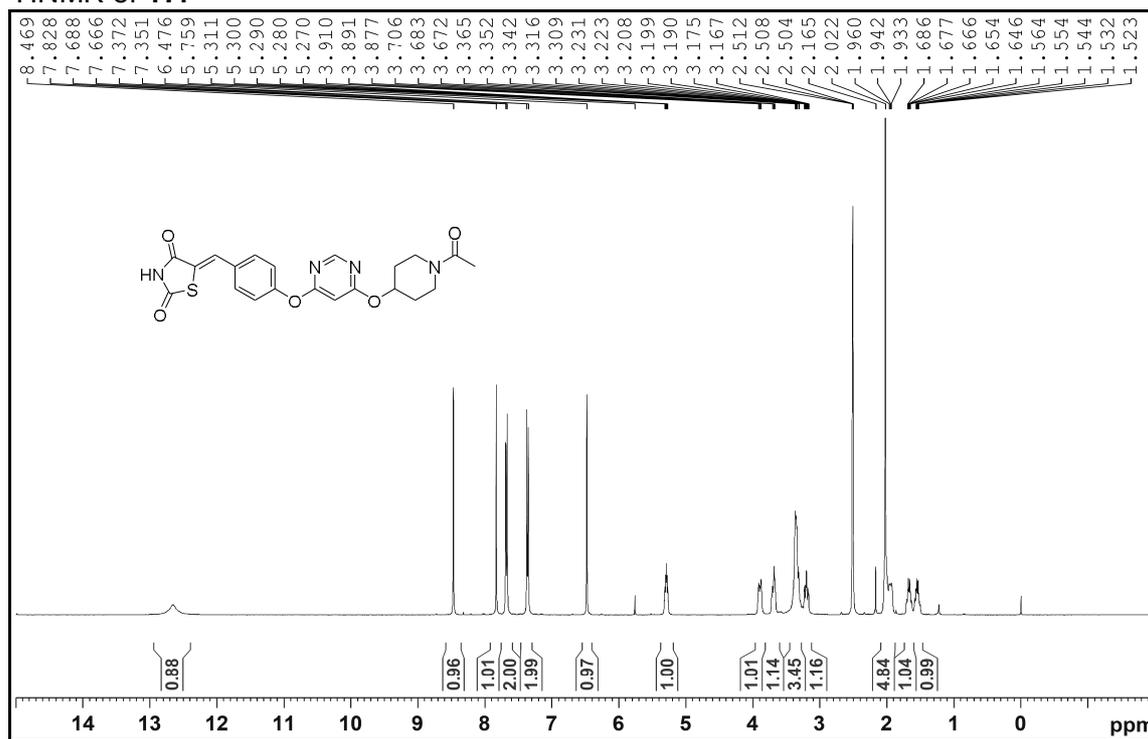
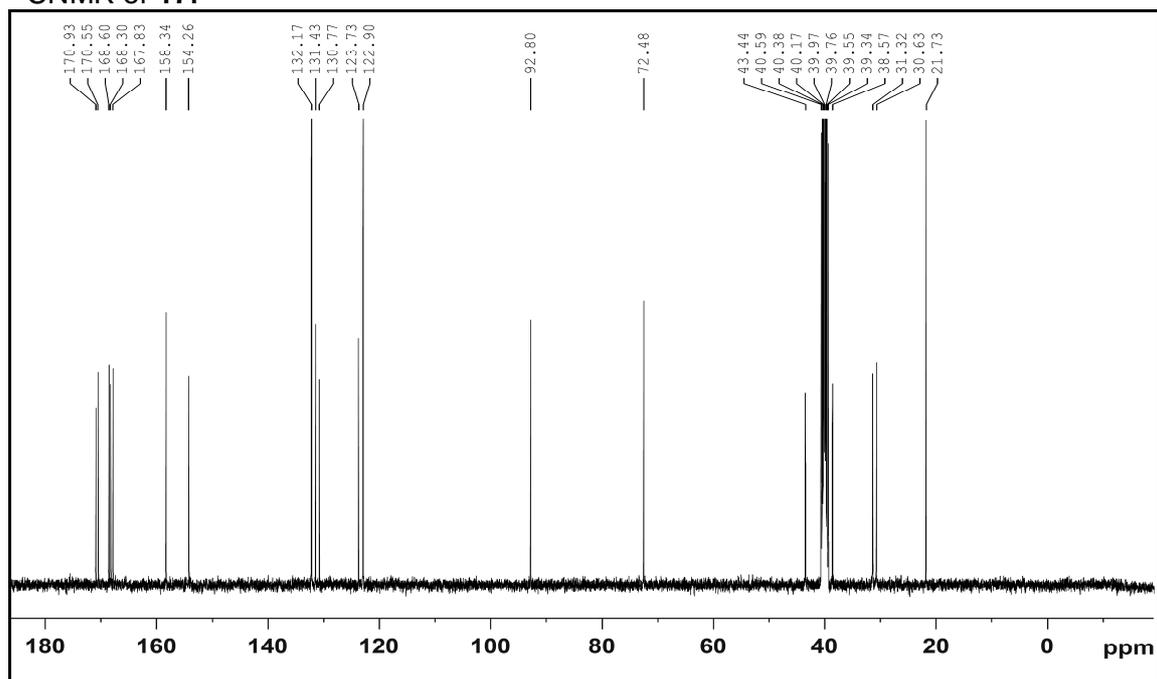
¹HNMR of 17e¹³CNMR of 17e

IR of 17e

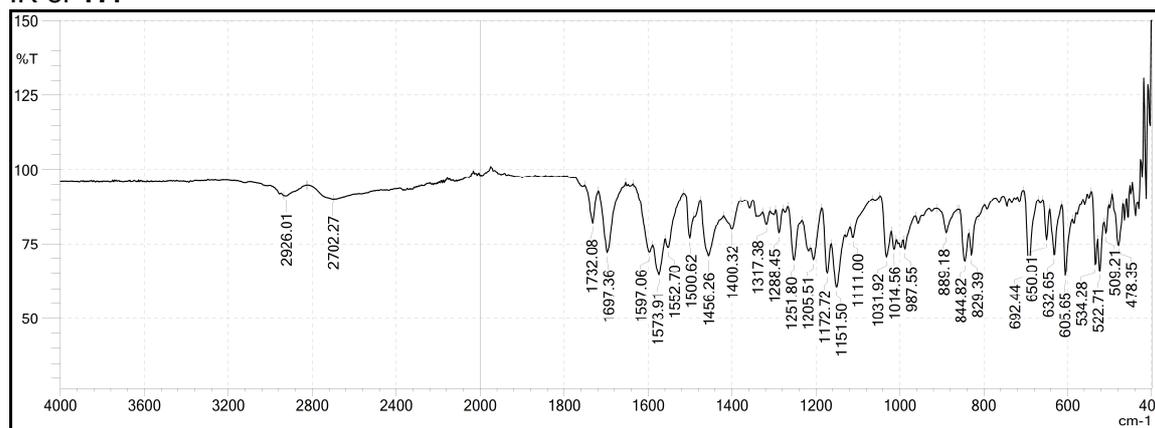


MASS of 17e

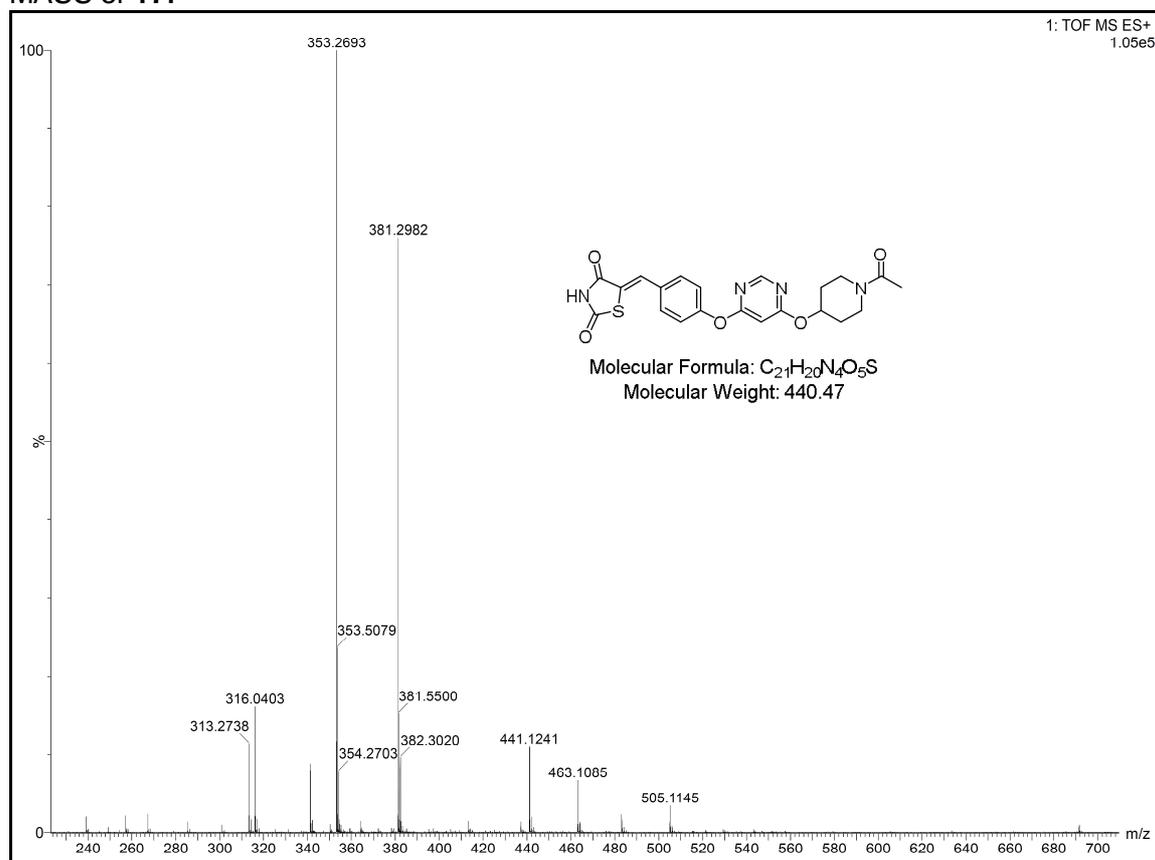


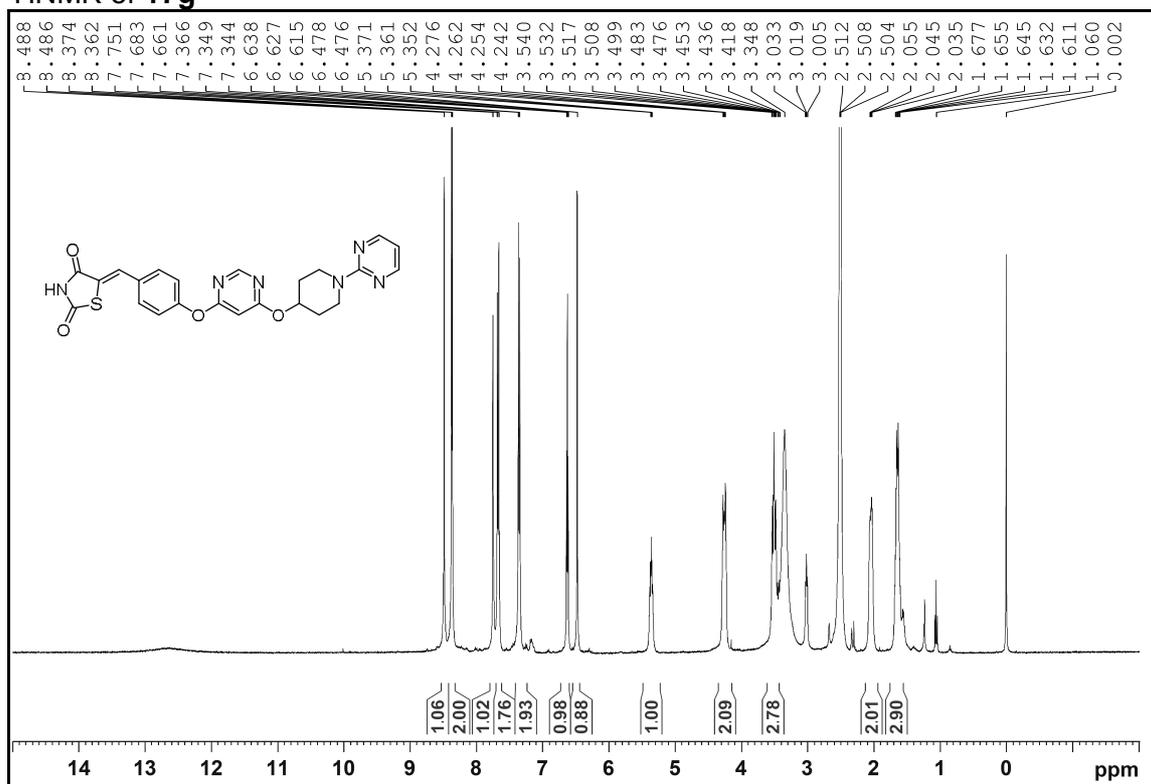
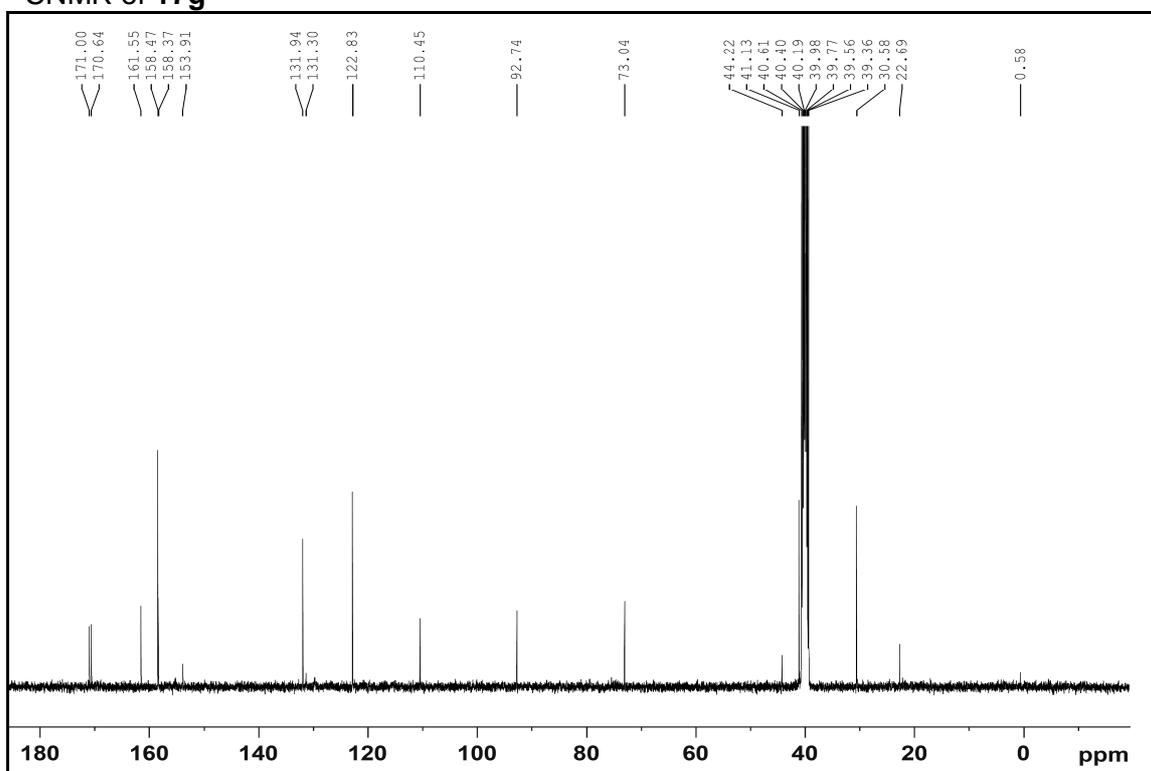
¹H NMR of 17f¹³C NMR of 17f

IR of 17f

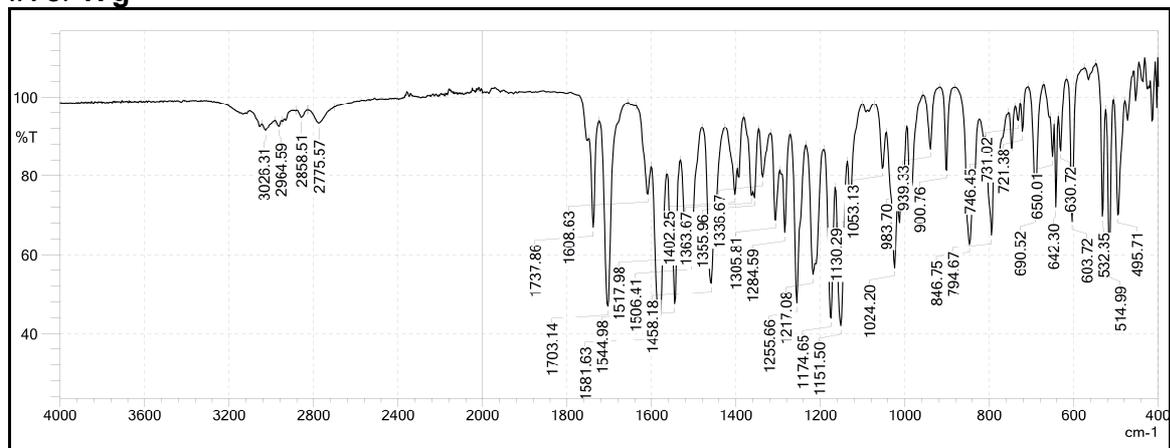


MASS of 17f

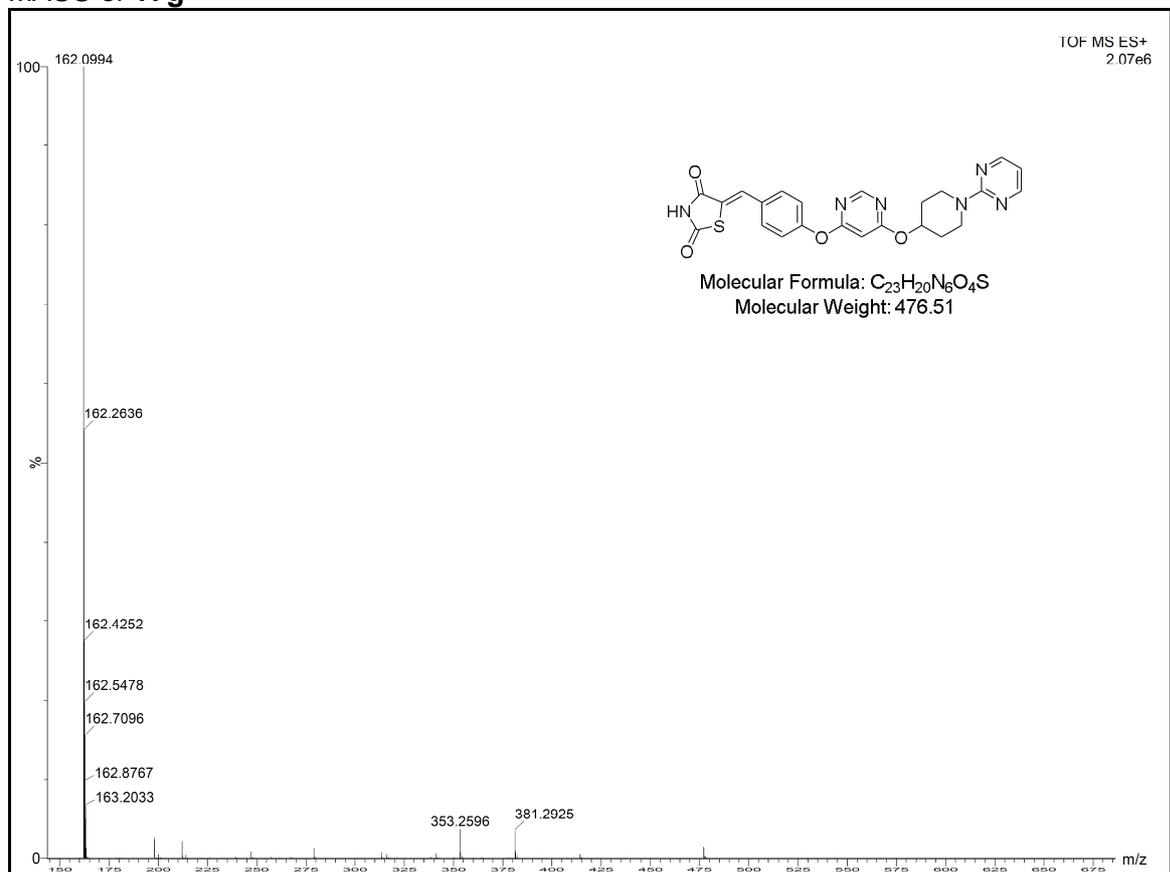


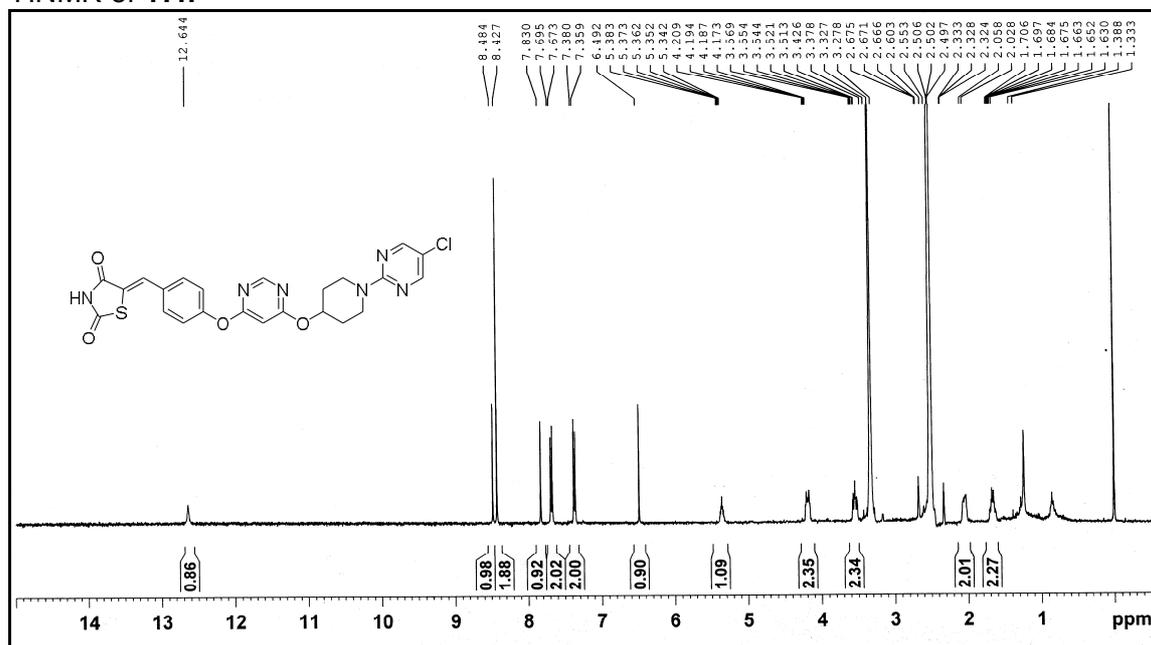
¹H NMR of 17g¹³C NMR of 17g

IR of 17g

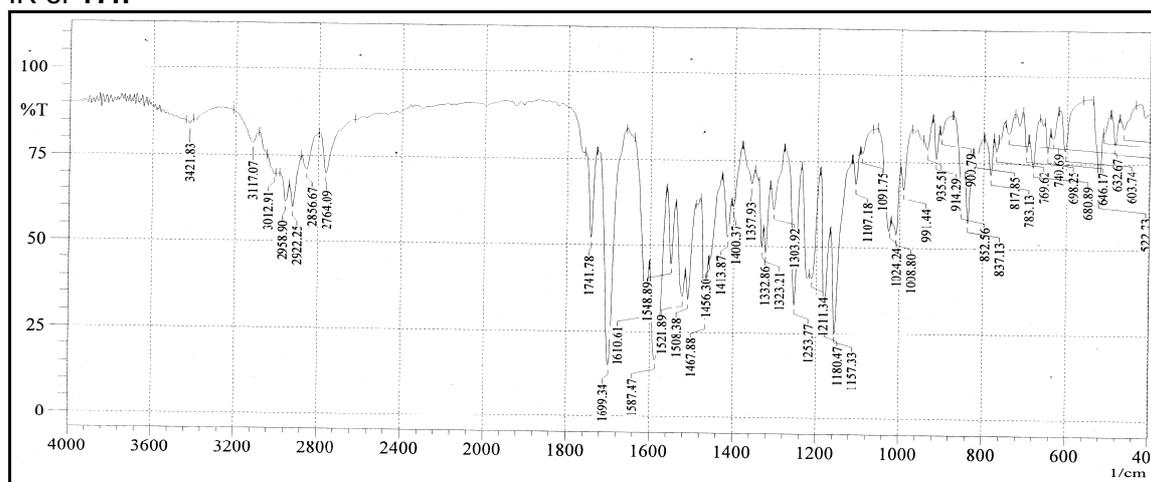


MASS of 17g

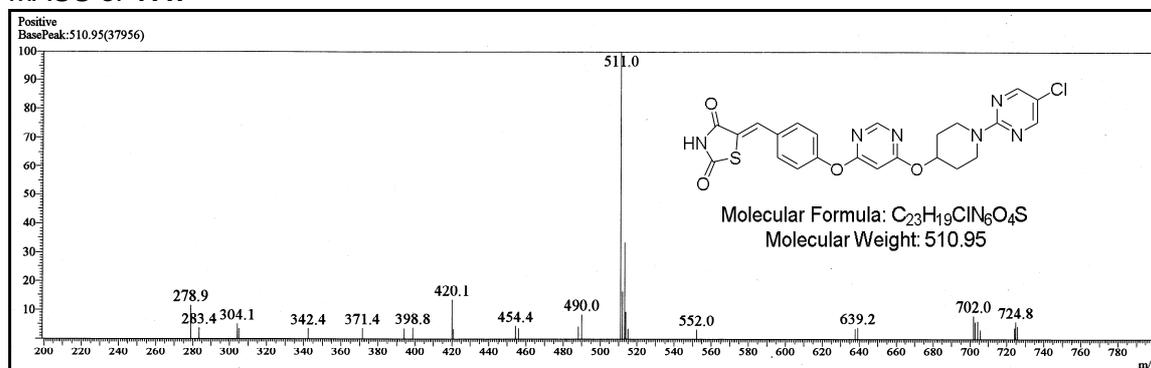


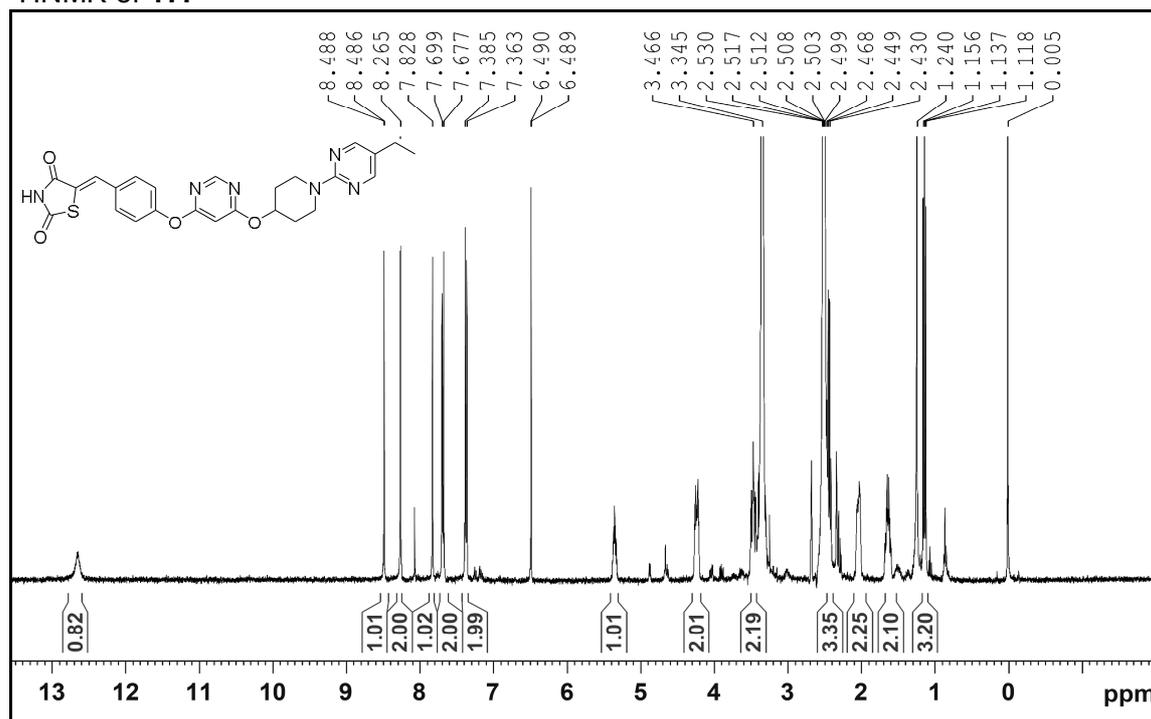
¹H NMR of 17h

IR of 17h

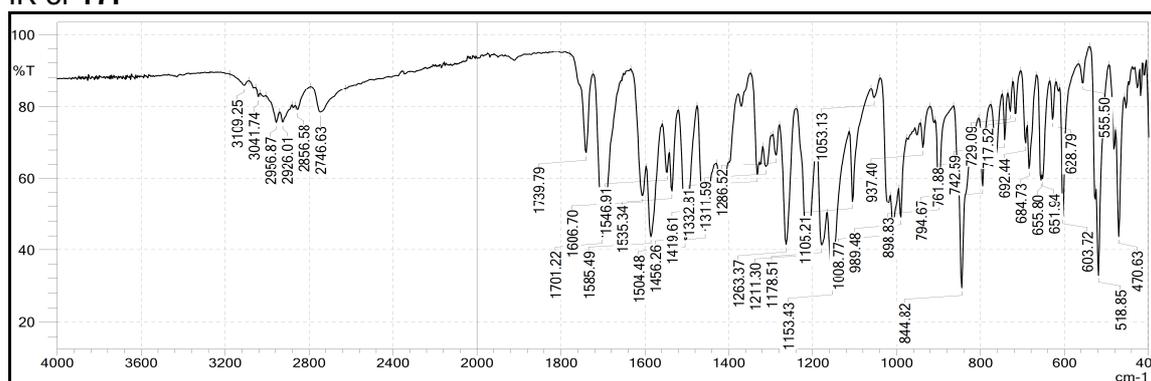


MASS of 17h

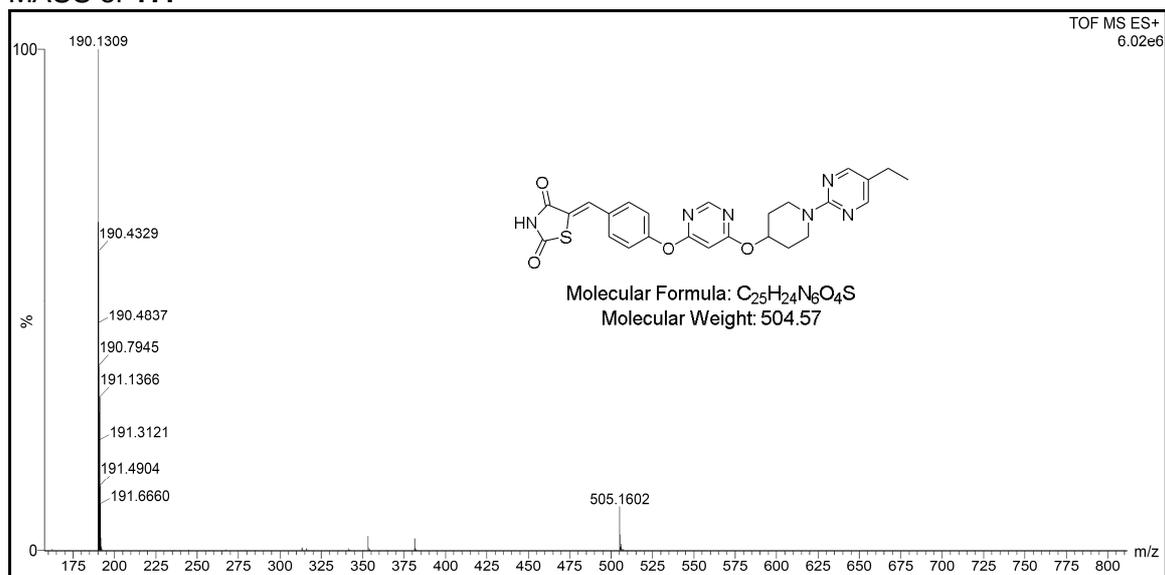


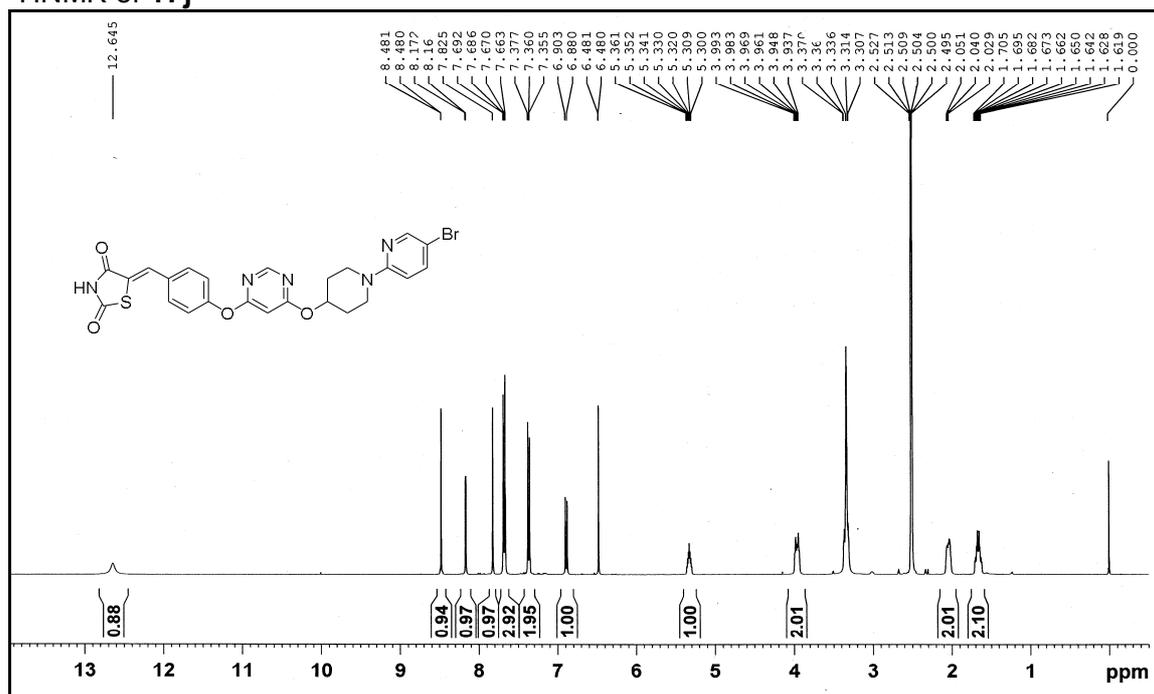
¹H NMR of 17i

IR of 17i

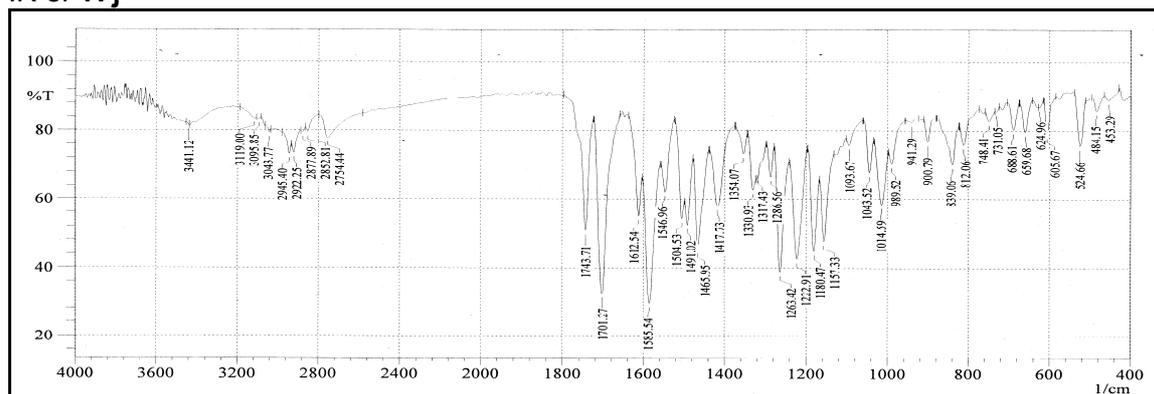


MASS of 17i

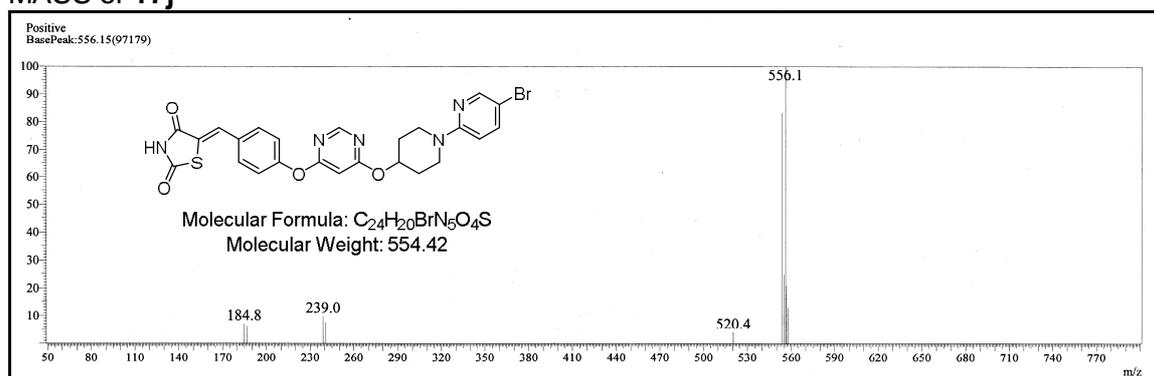


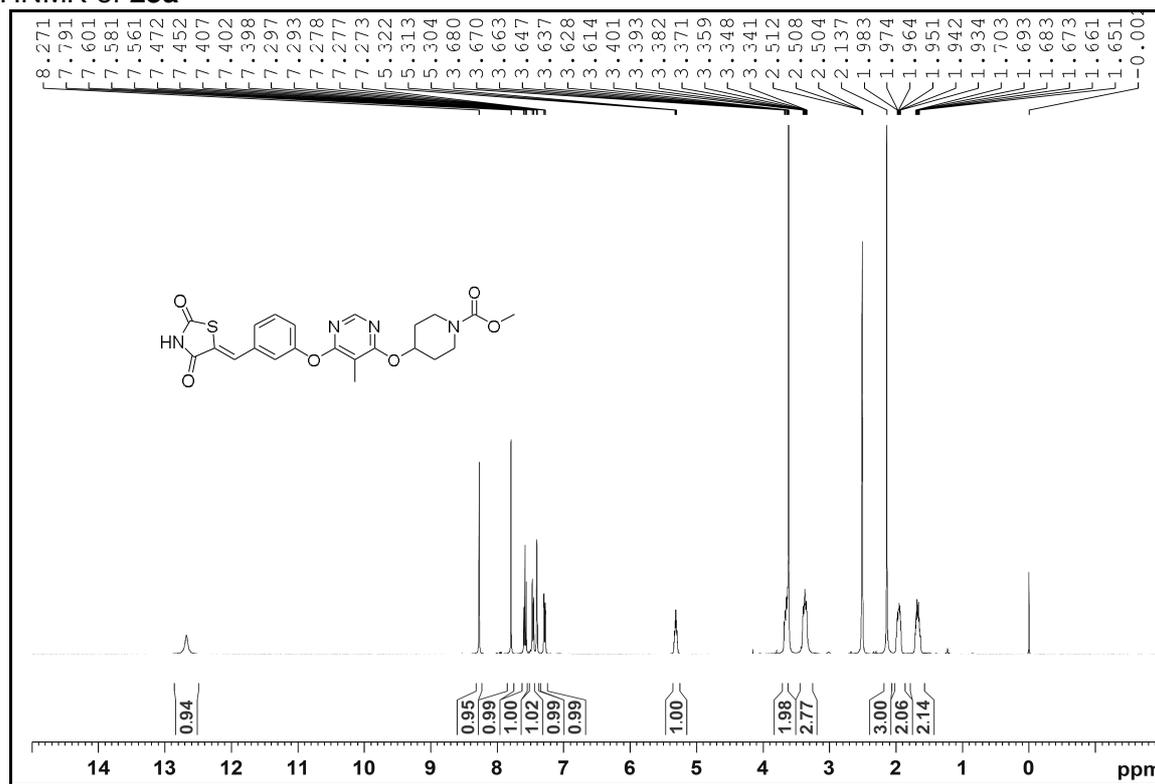
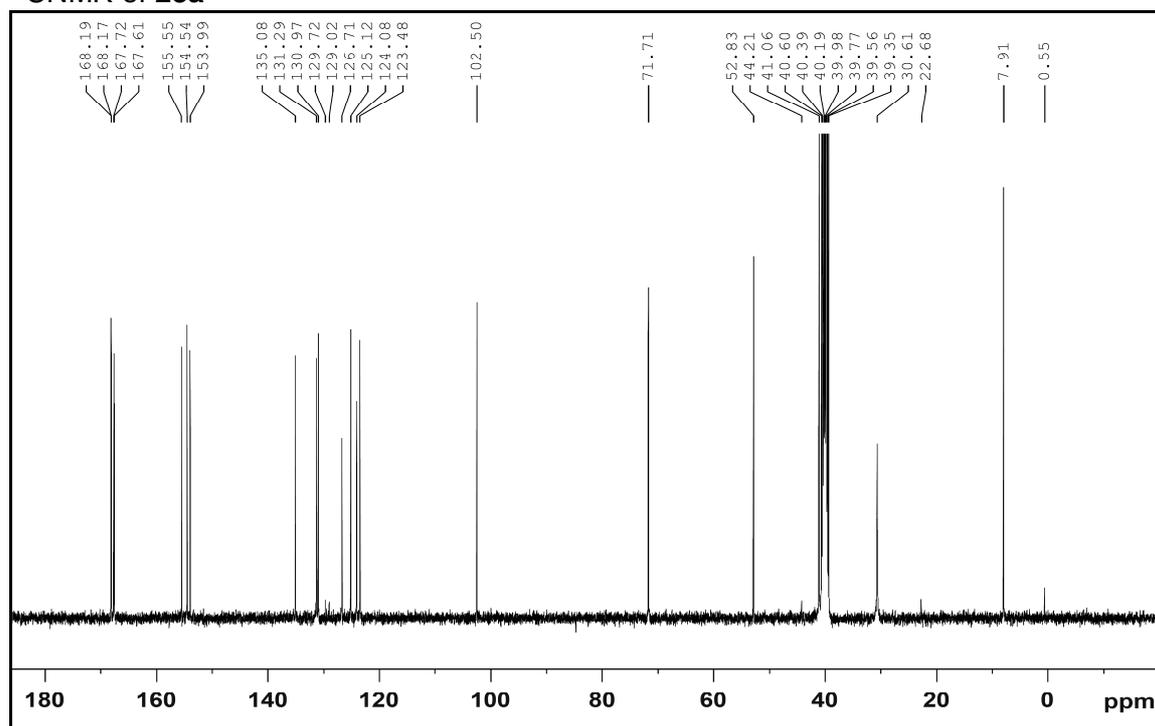
¹H NMR of 17j

IR of 17j

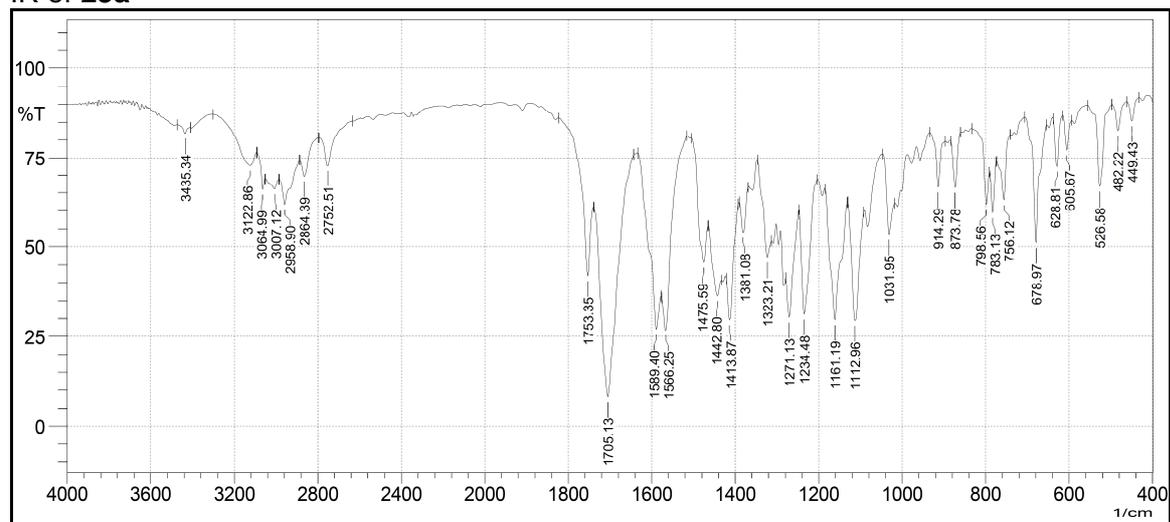


MASS of 17j

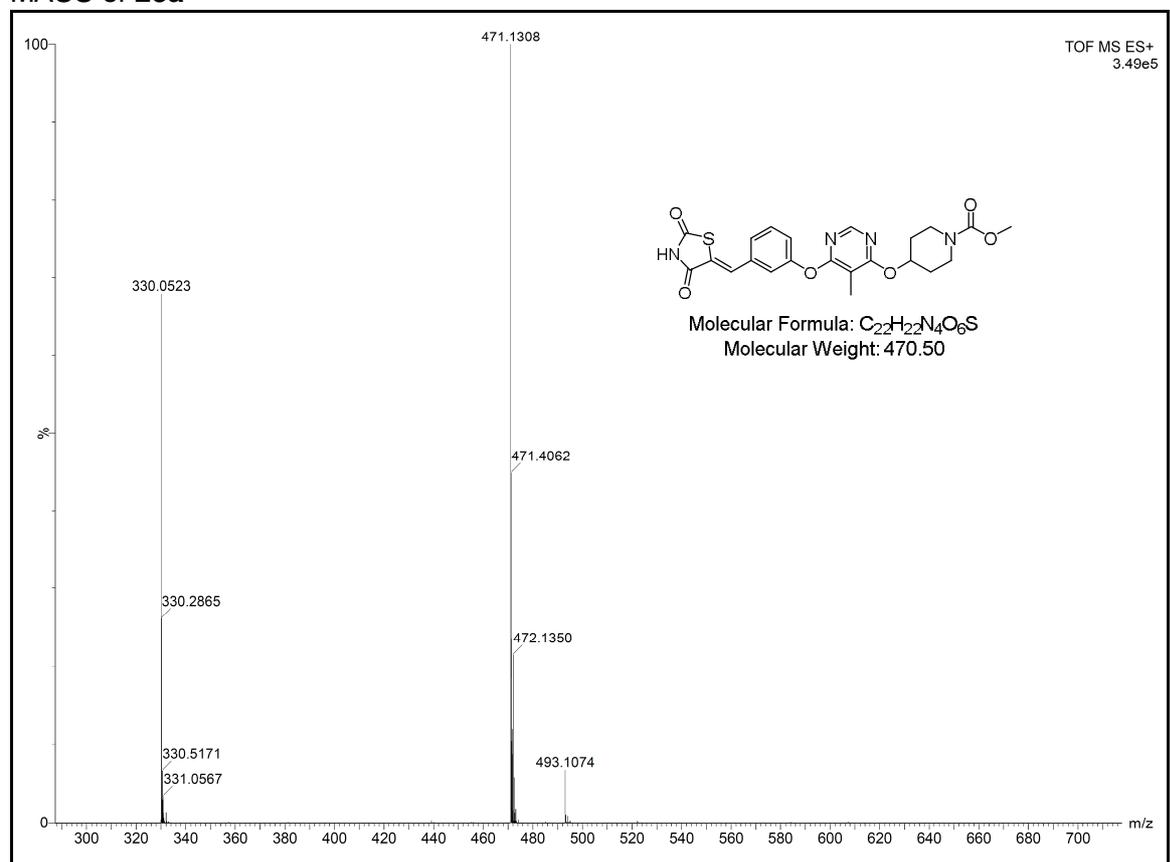


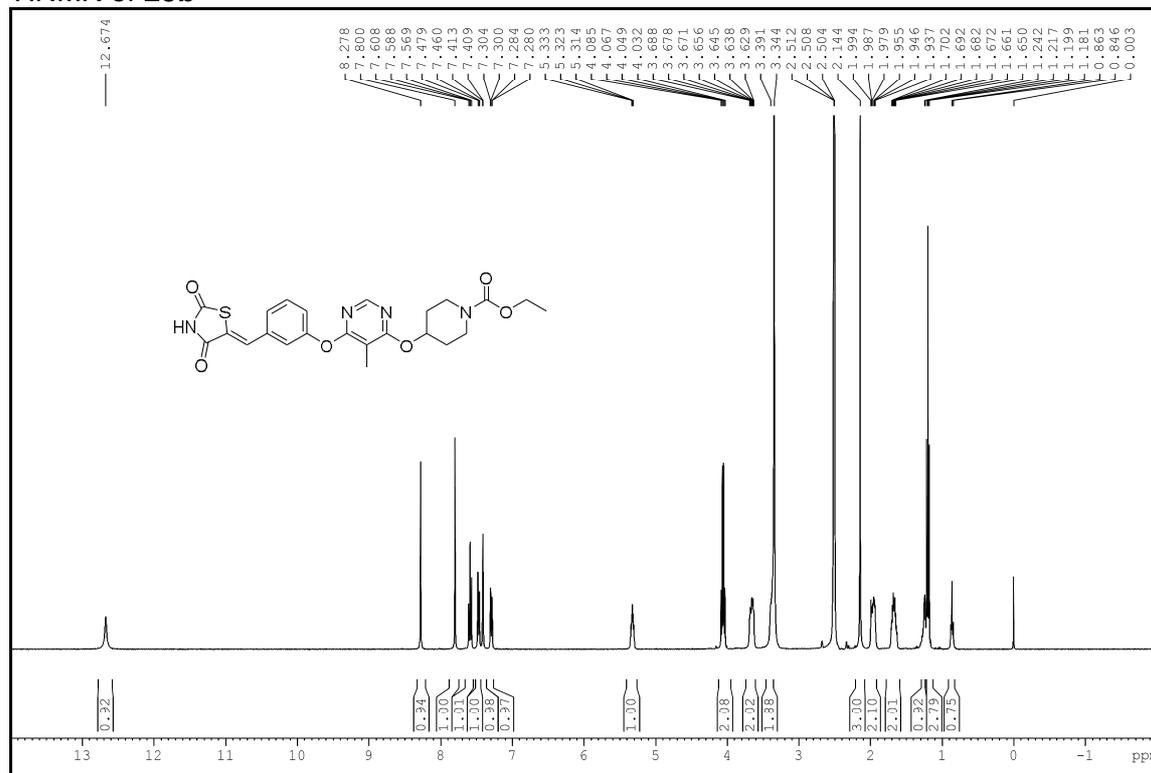
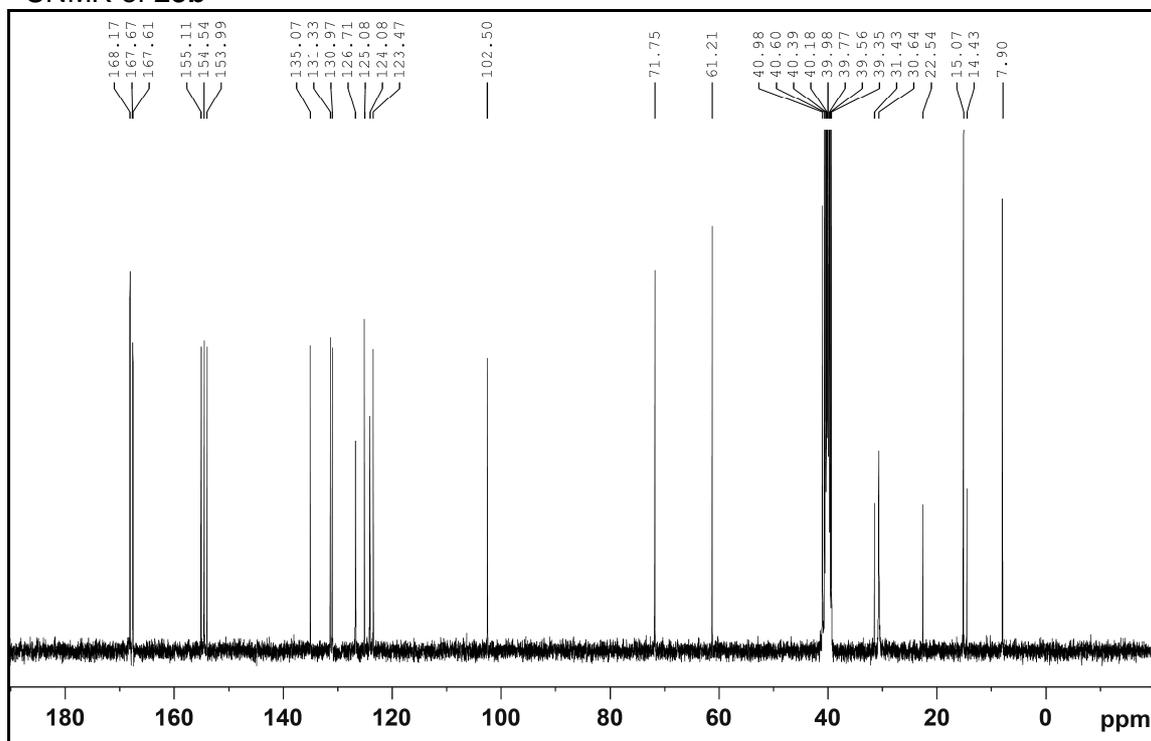
¹HNMR of 23a¹³CNMR of 23a

IR of 23a

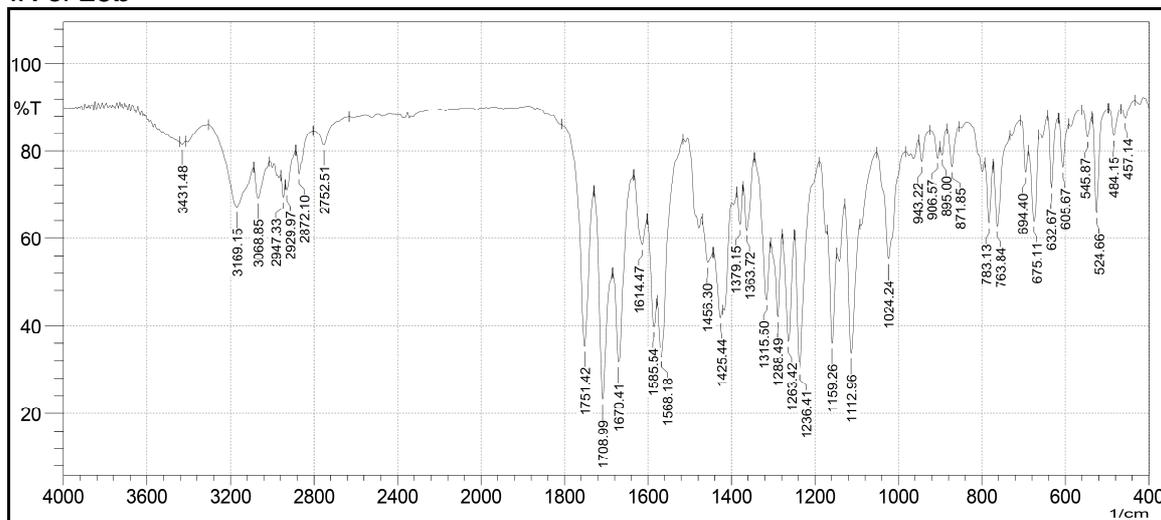


MASS of 23a

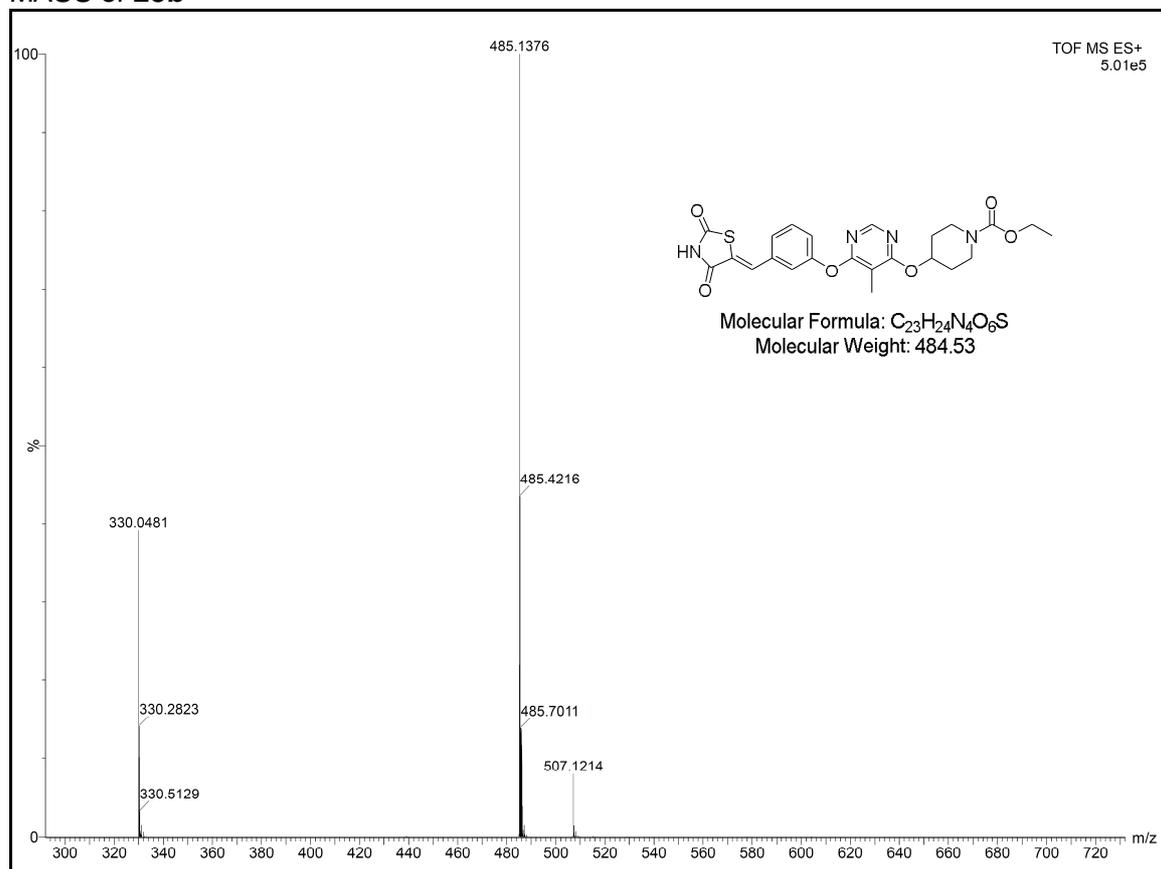


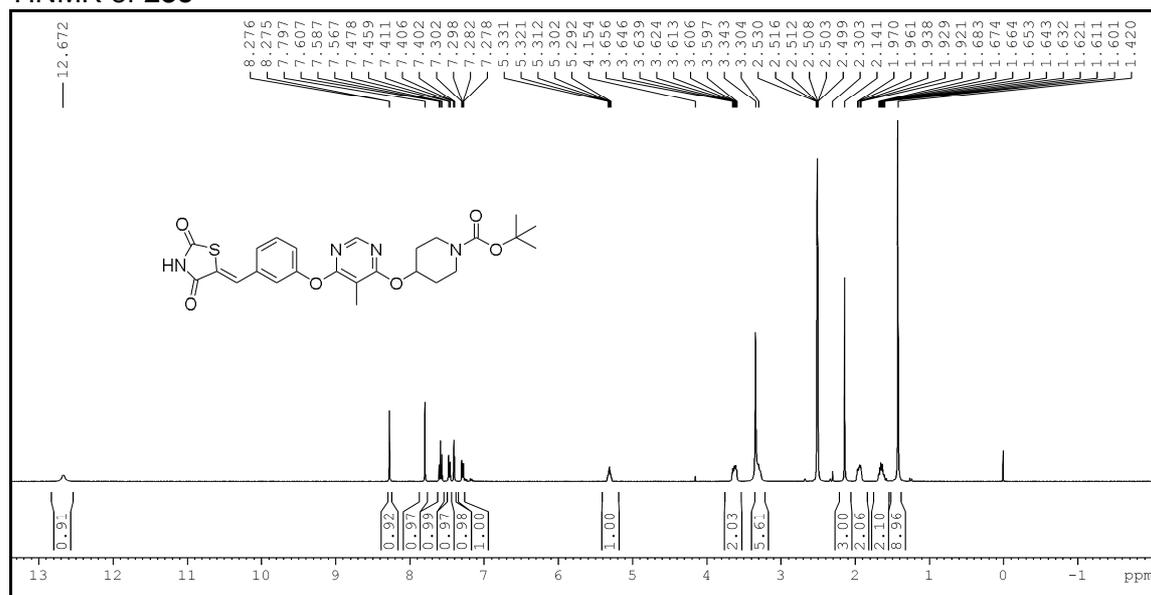
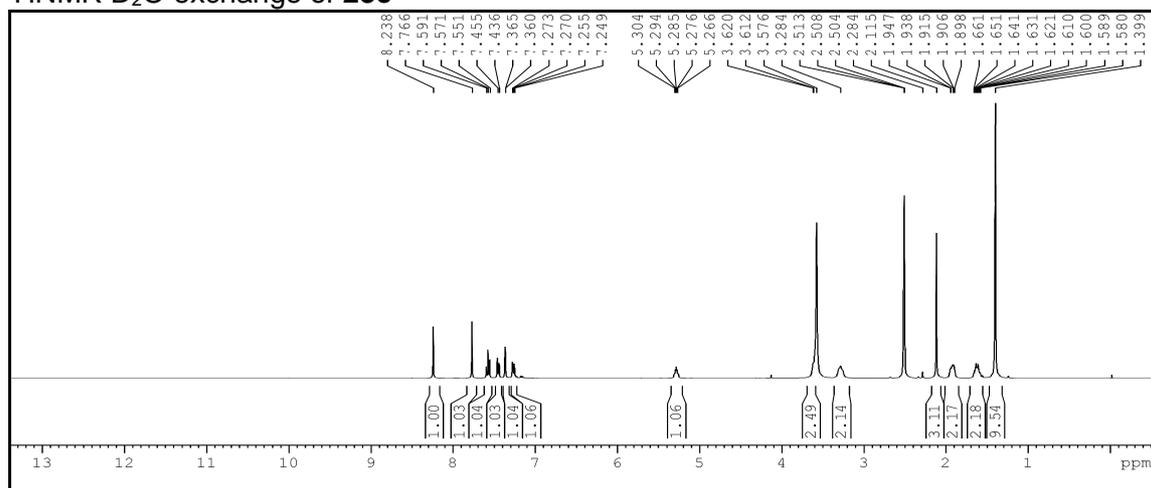
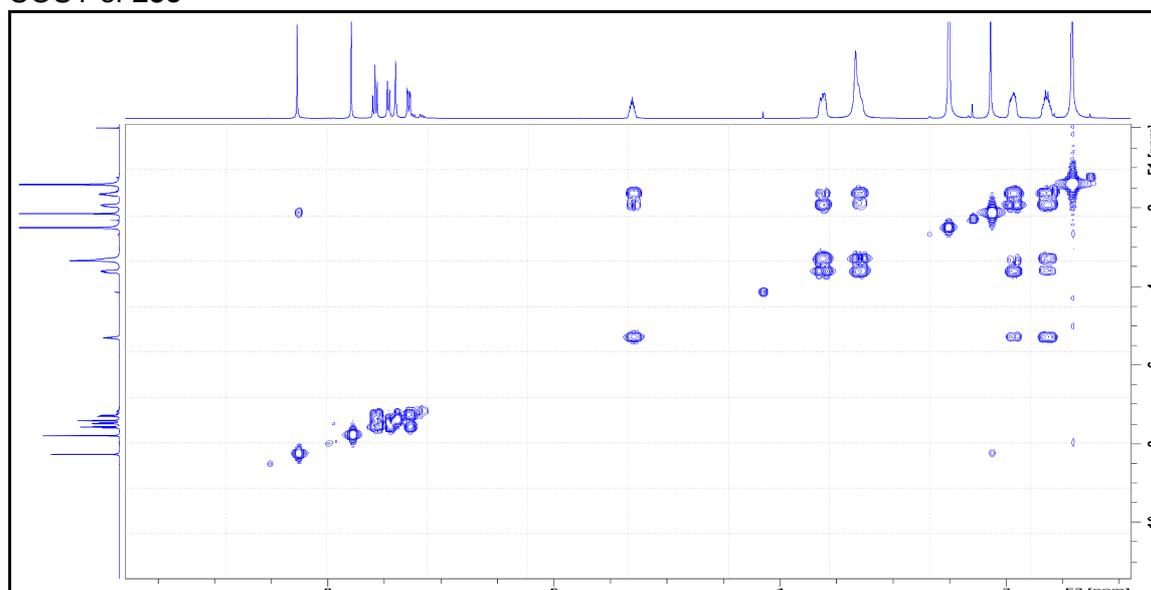
¹H NMR of 23b¹³C NMR of 23b

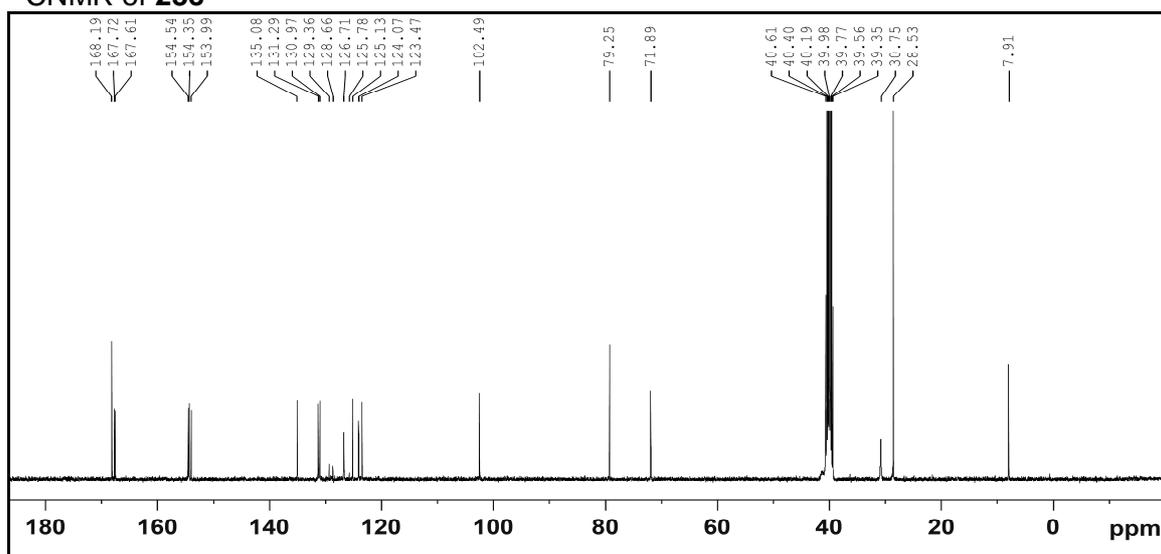
IR of 23b



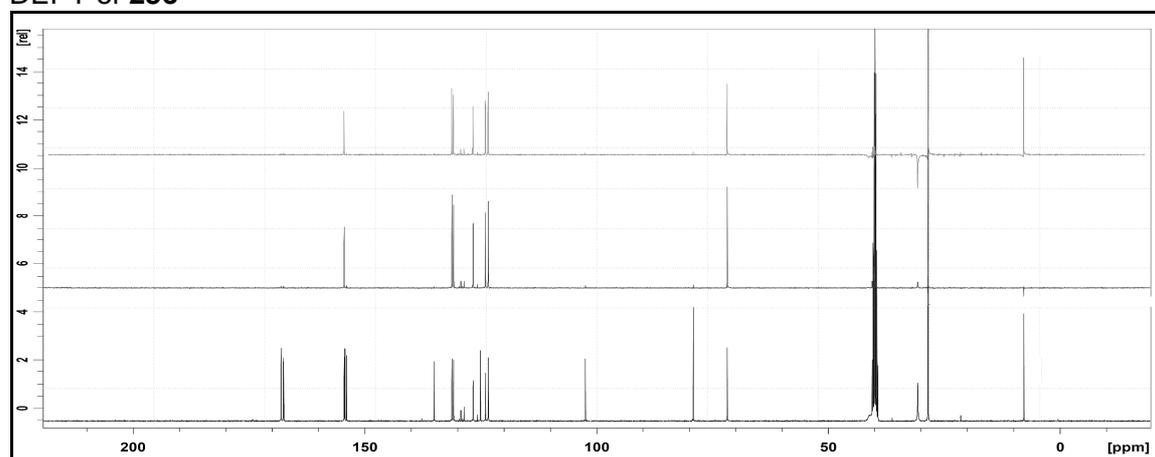
MASS of 23b



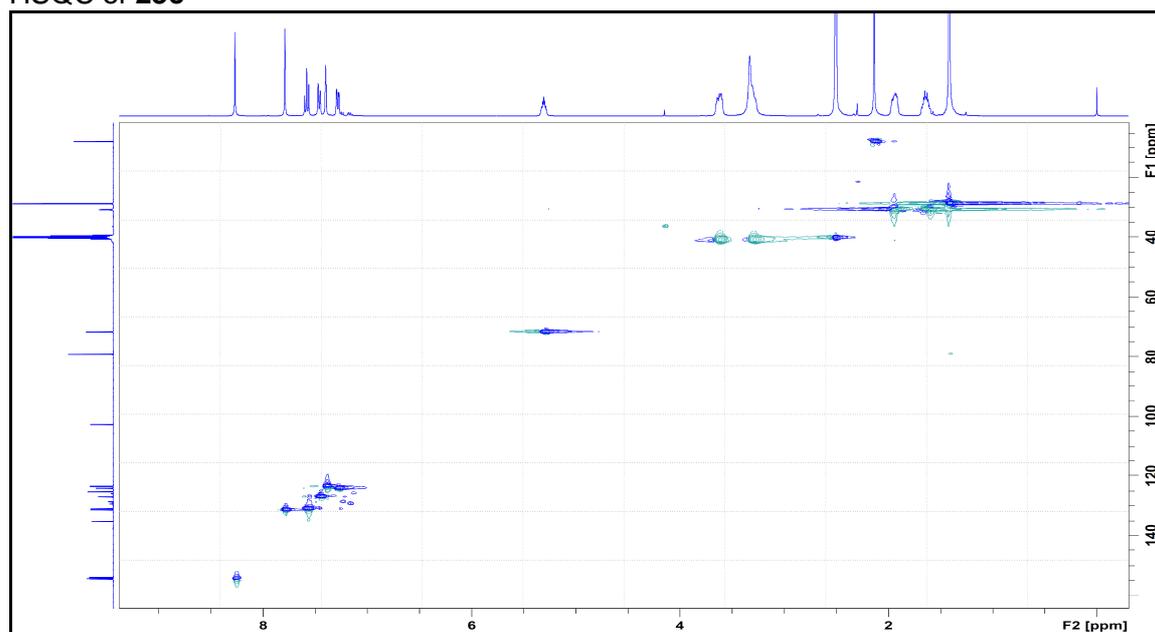
¹HNMR of **23c**¹HNMR D₂O exchange of **23c**COSY of **23c**

¹³CNMR of 23c

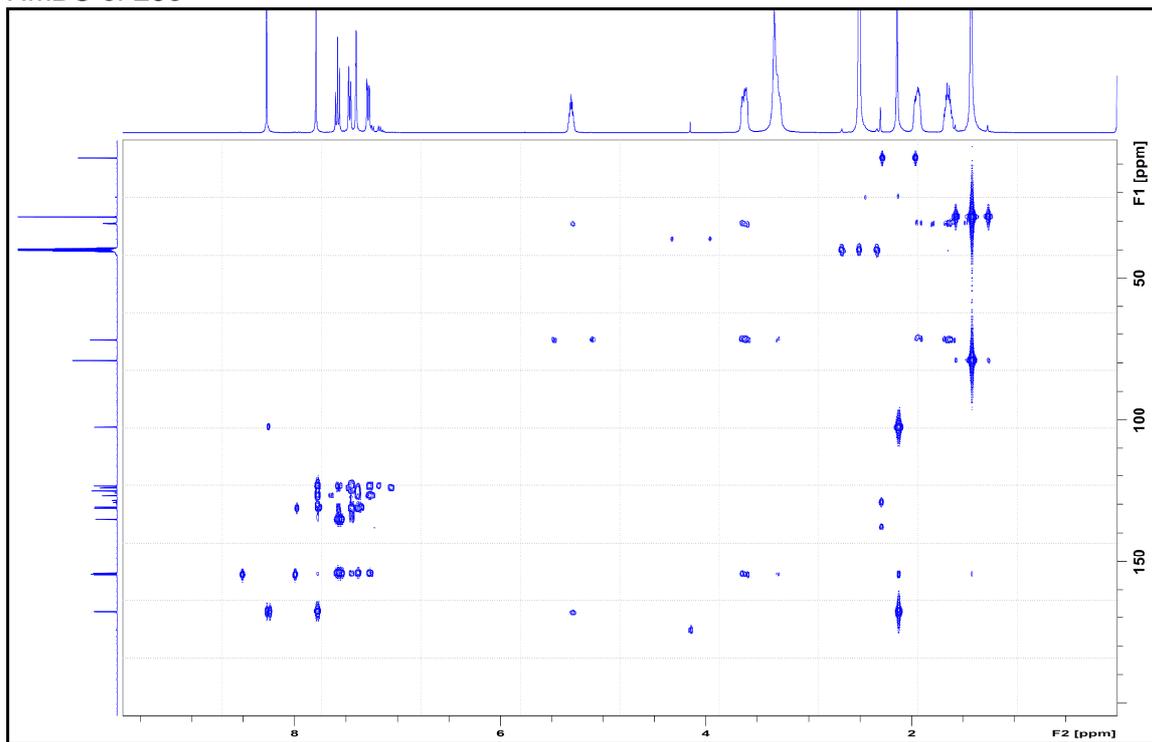
DEPT of 23c



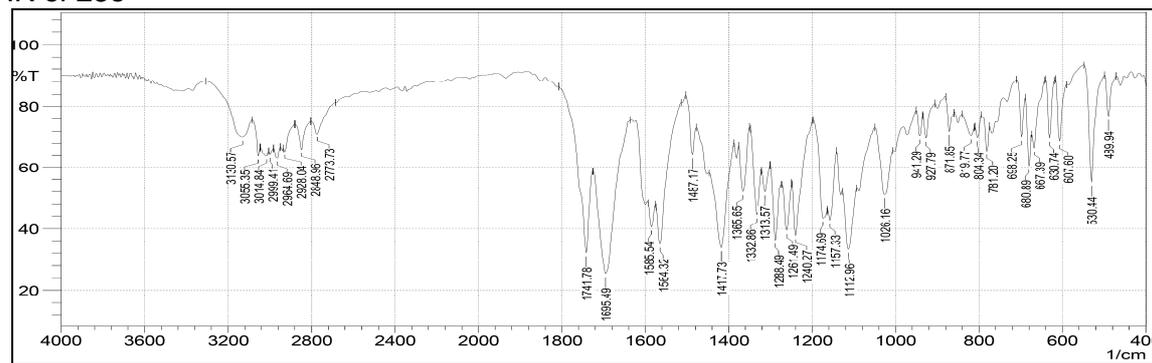
HSQC of 23c



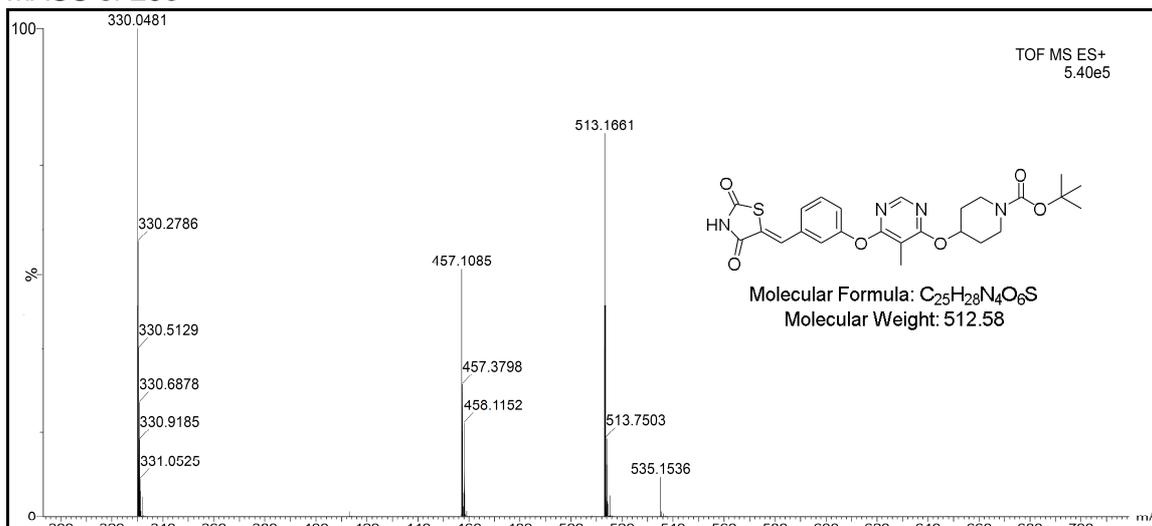
HMBC of 23c



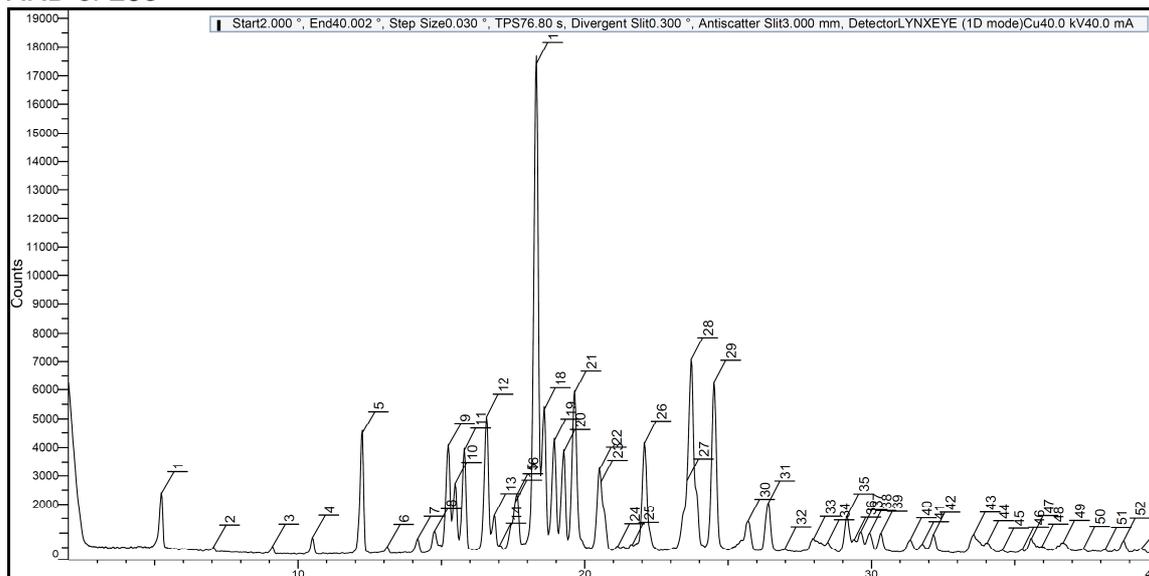
IR of 23c



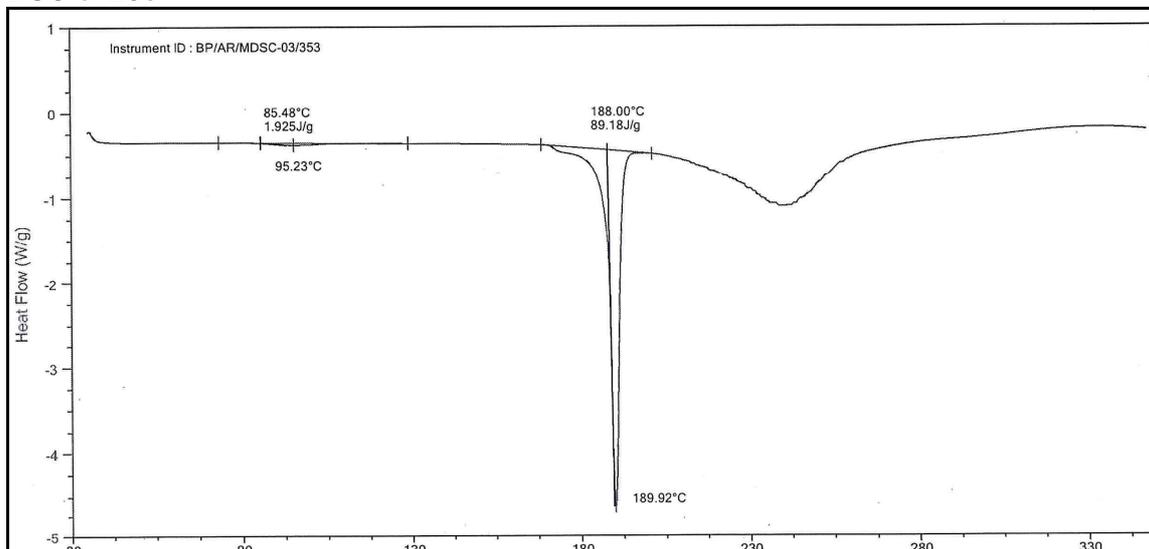
MASS of 23c

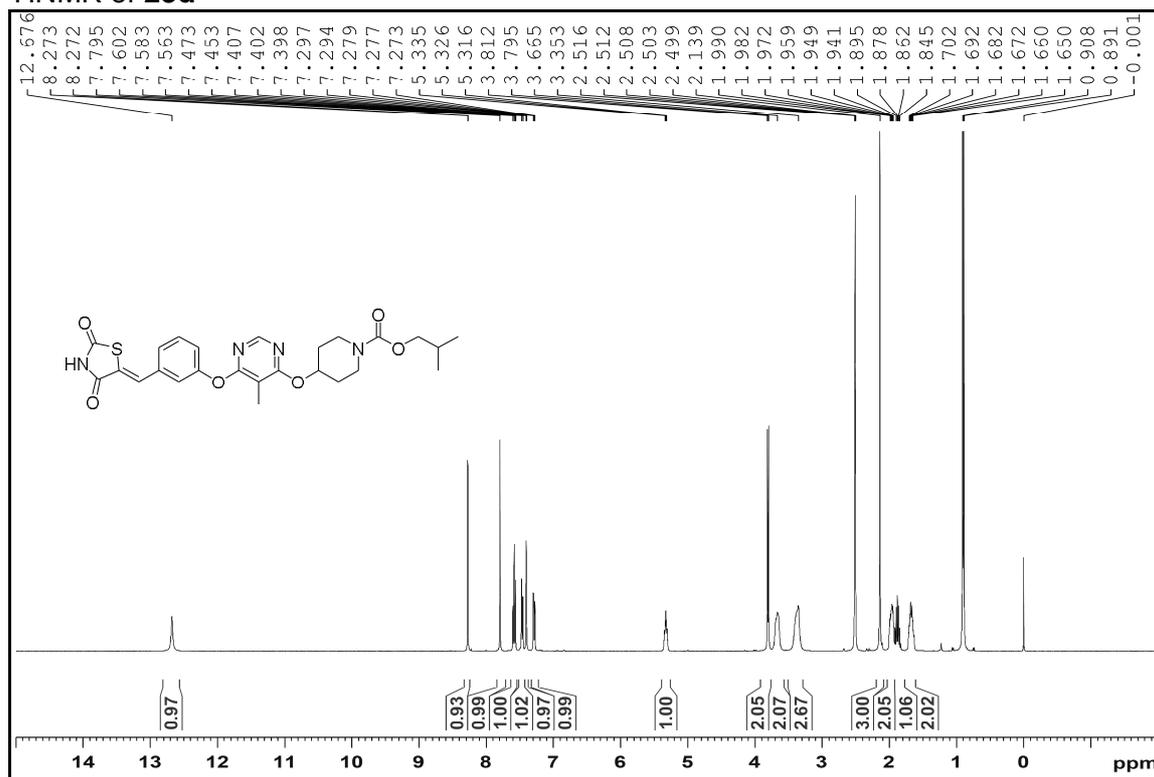
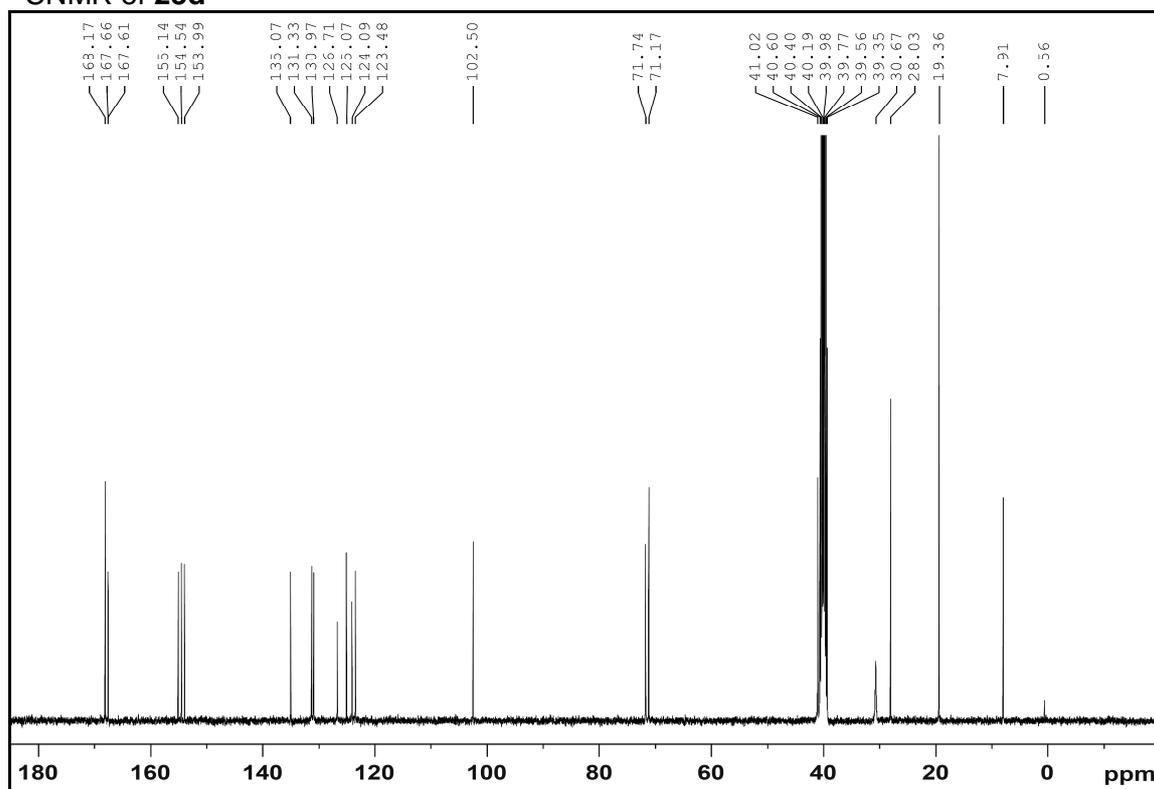


XRD of 23c

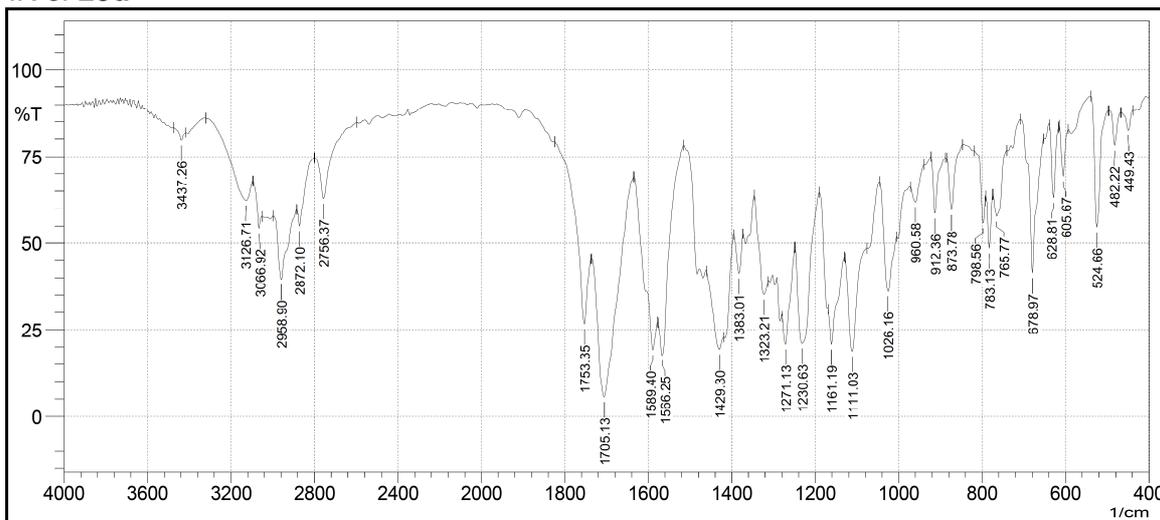


DSC of 23c

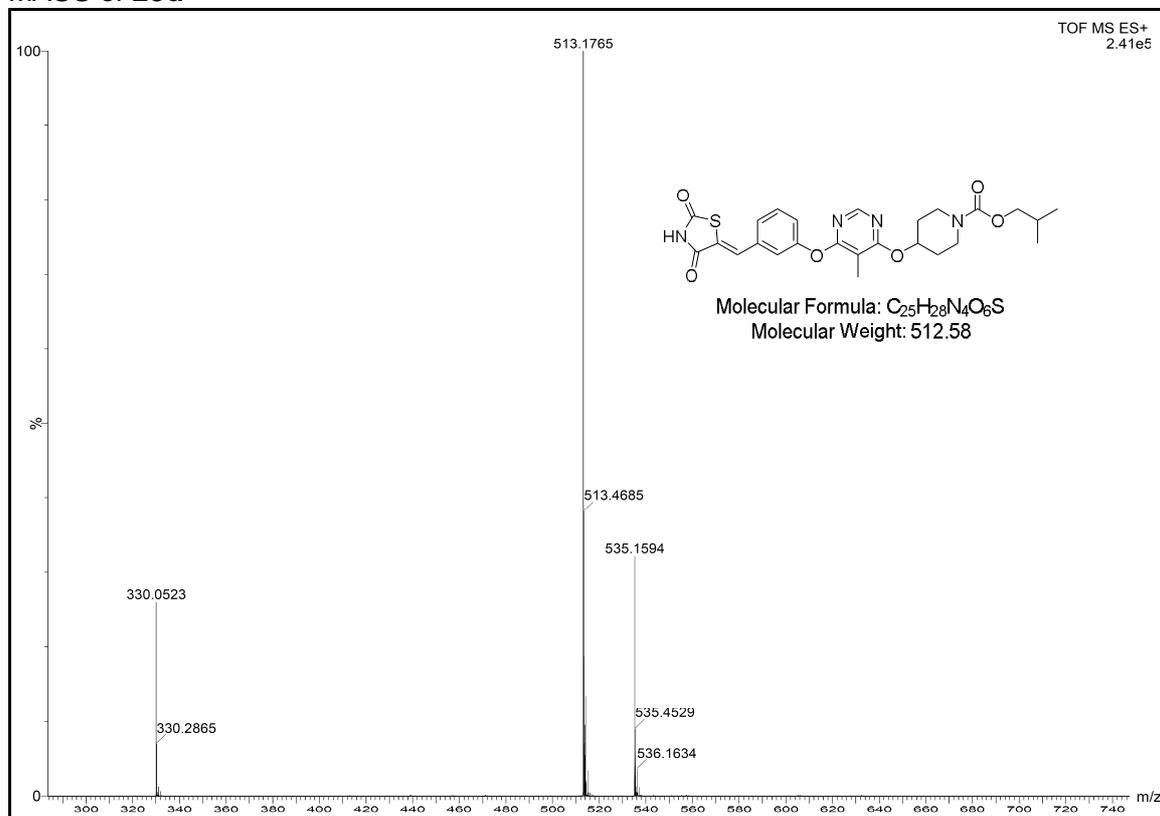


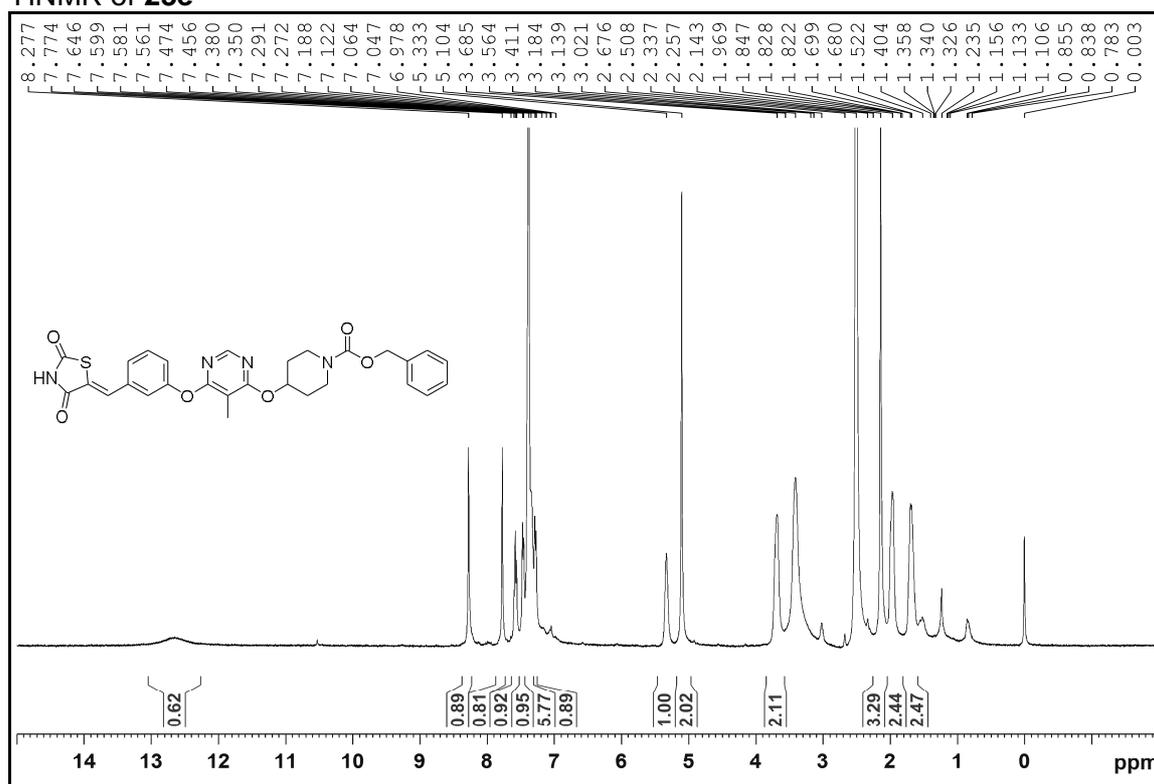
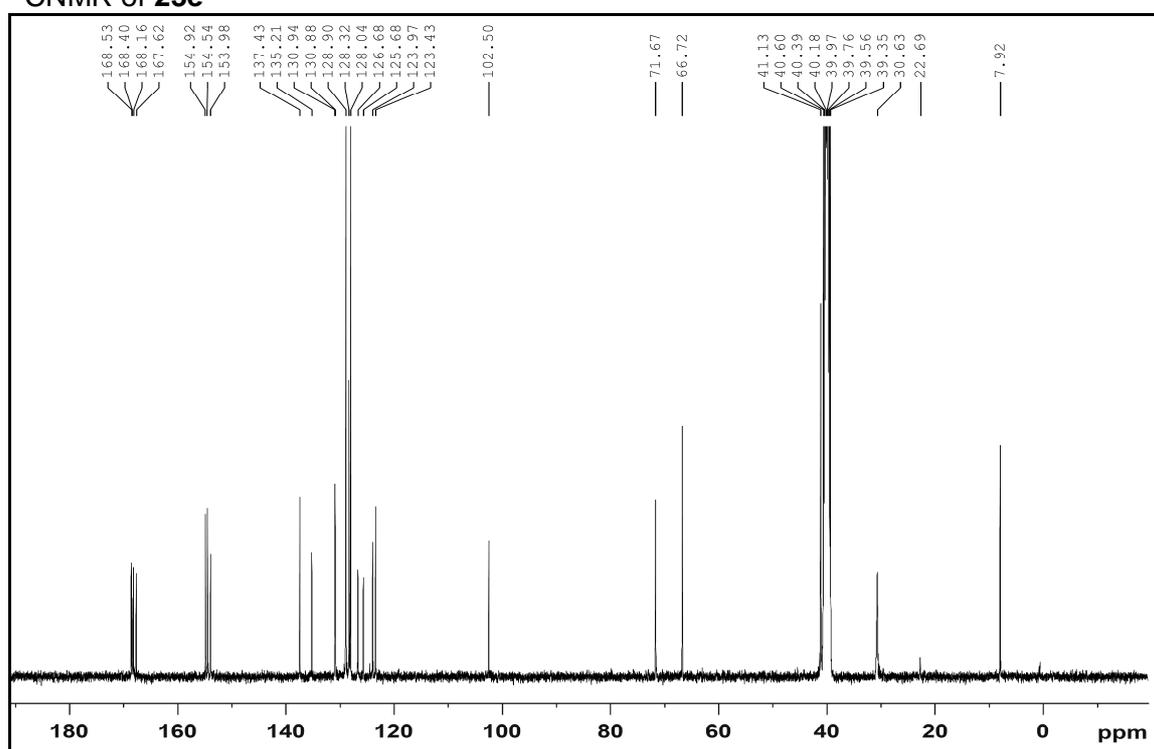
¹H NMR of 23d¹³C NMR of 23d

IR of 23d

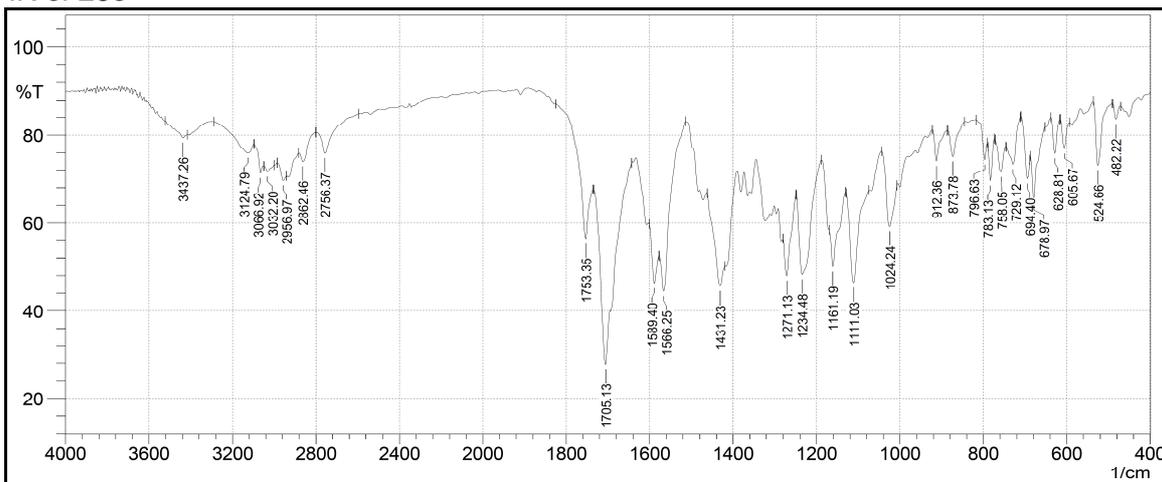


MASS of 23d

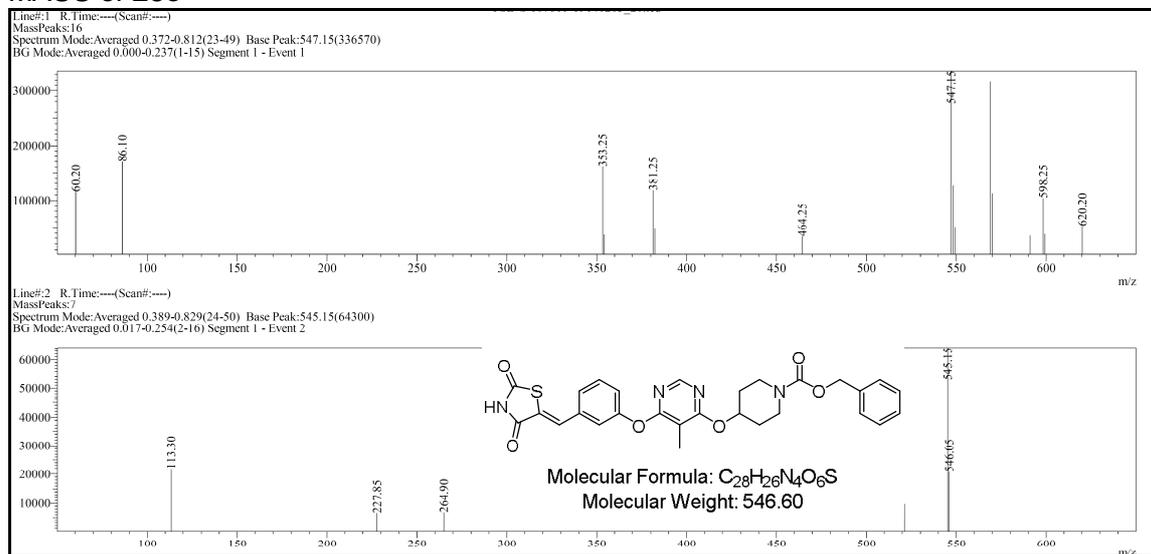
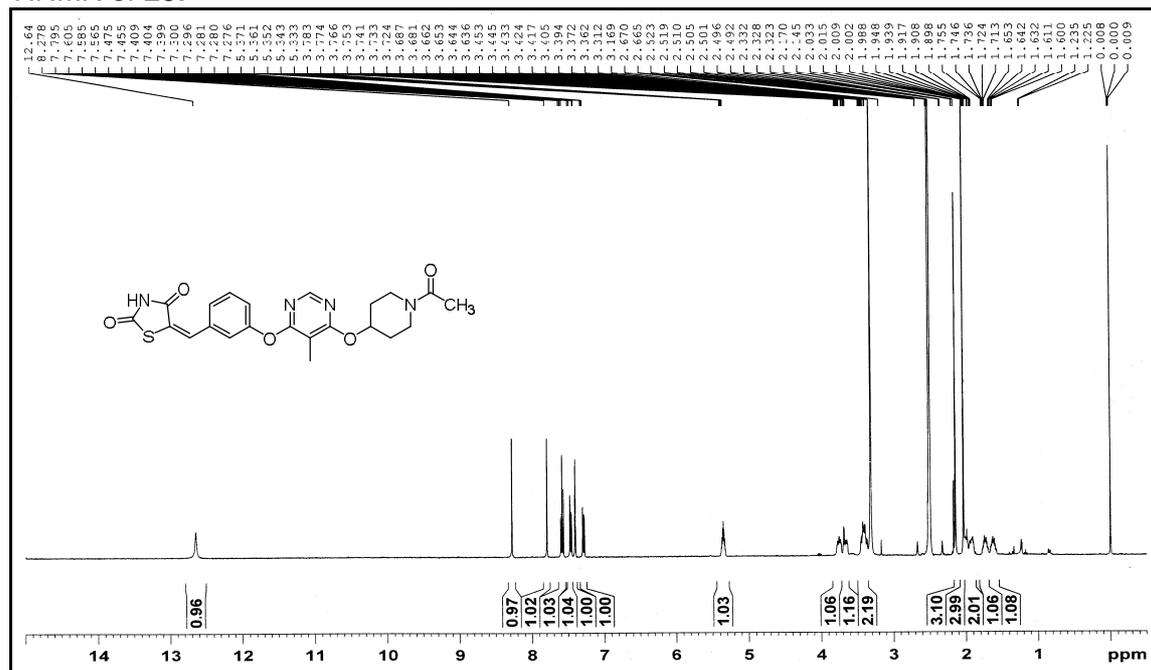


¹H NMR of 23e¹³C NMR of 23e

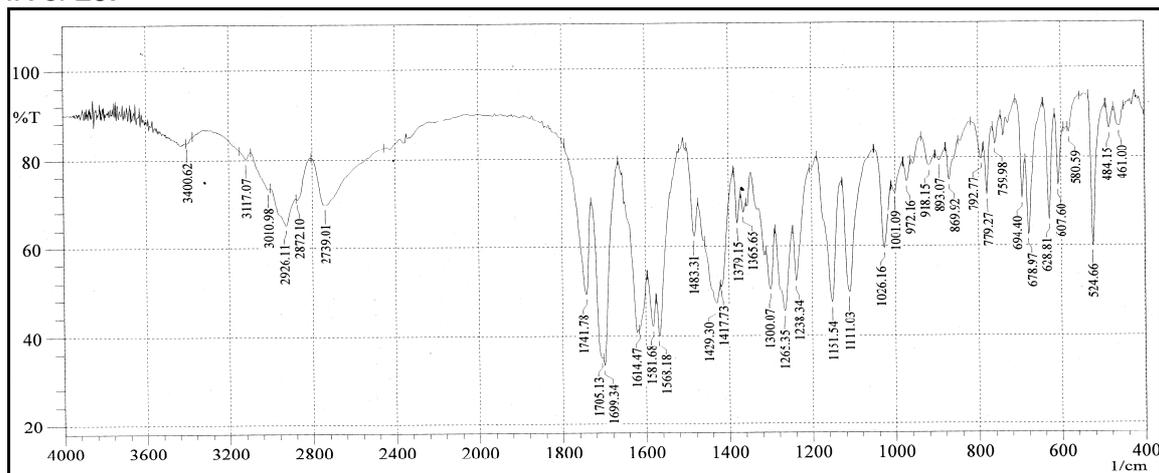
IR of 23e



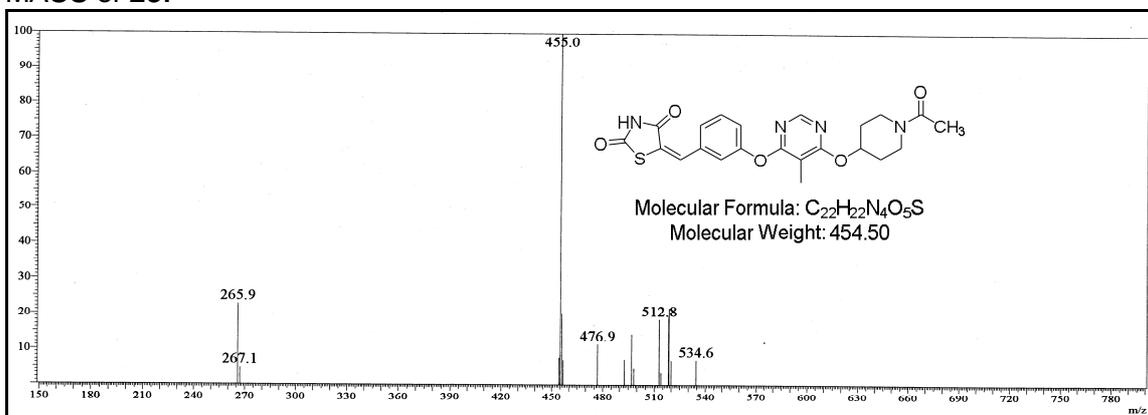
MASS of 23e

¹H NMR of 23f

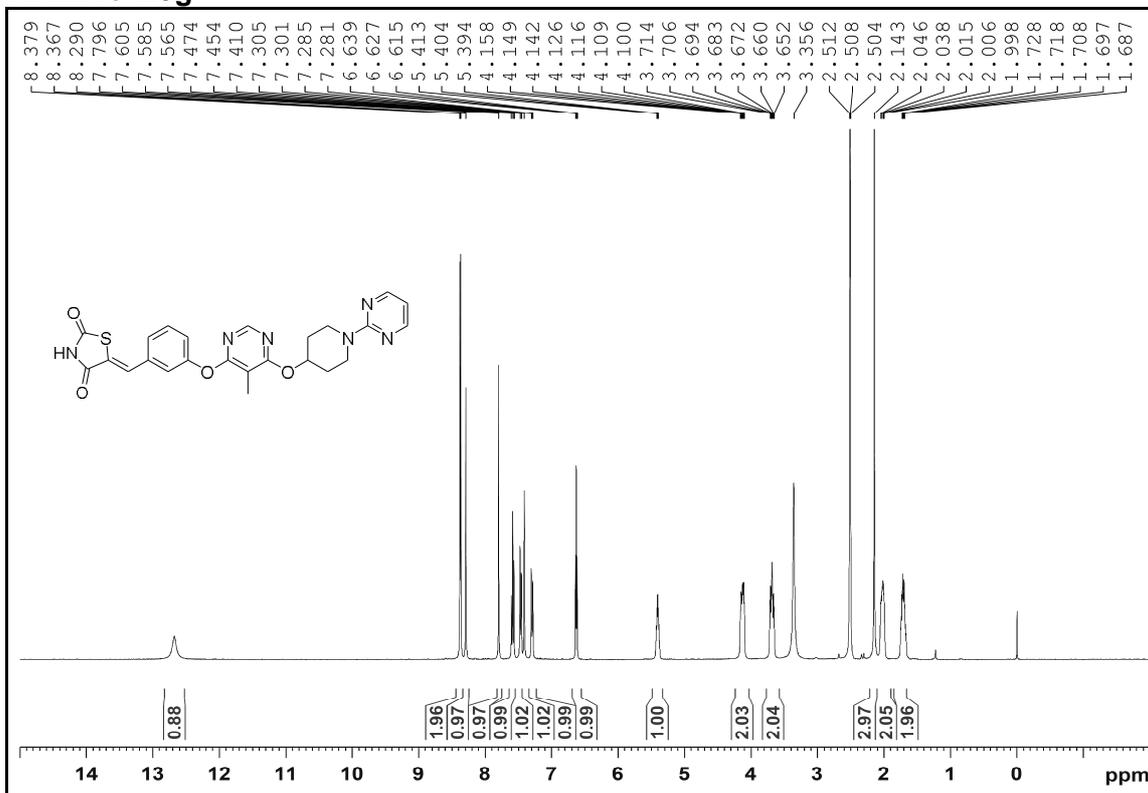
IR of 23f

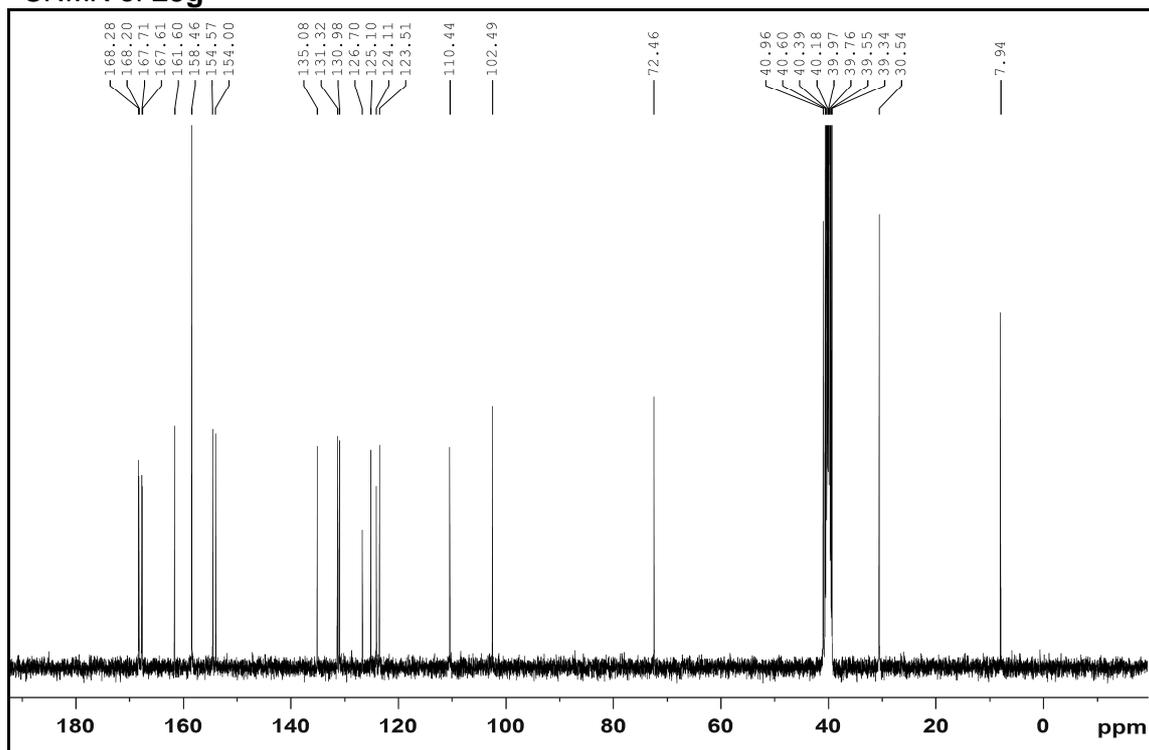


MASS of 23f

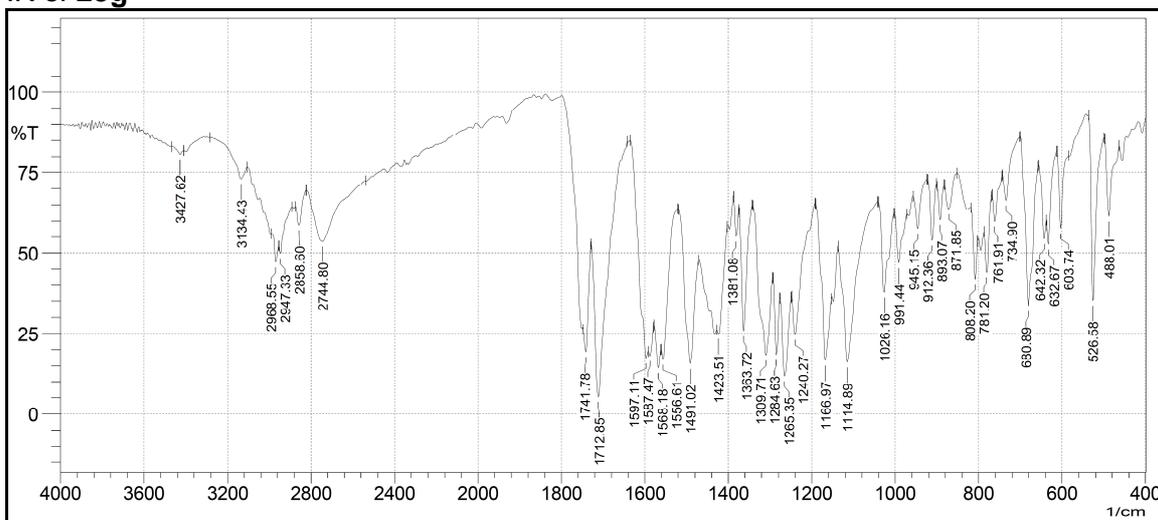


1HNMR of 23g

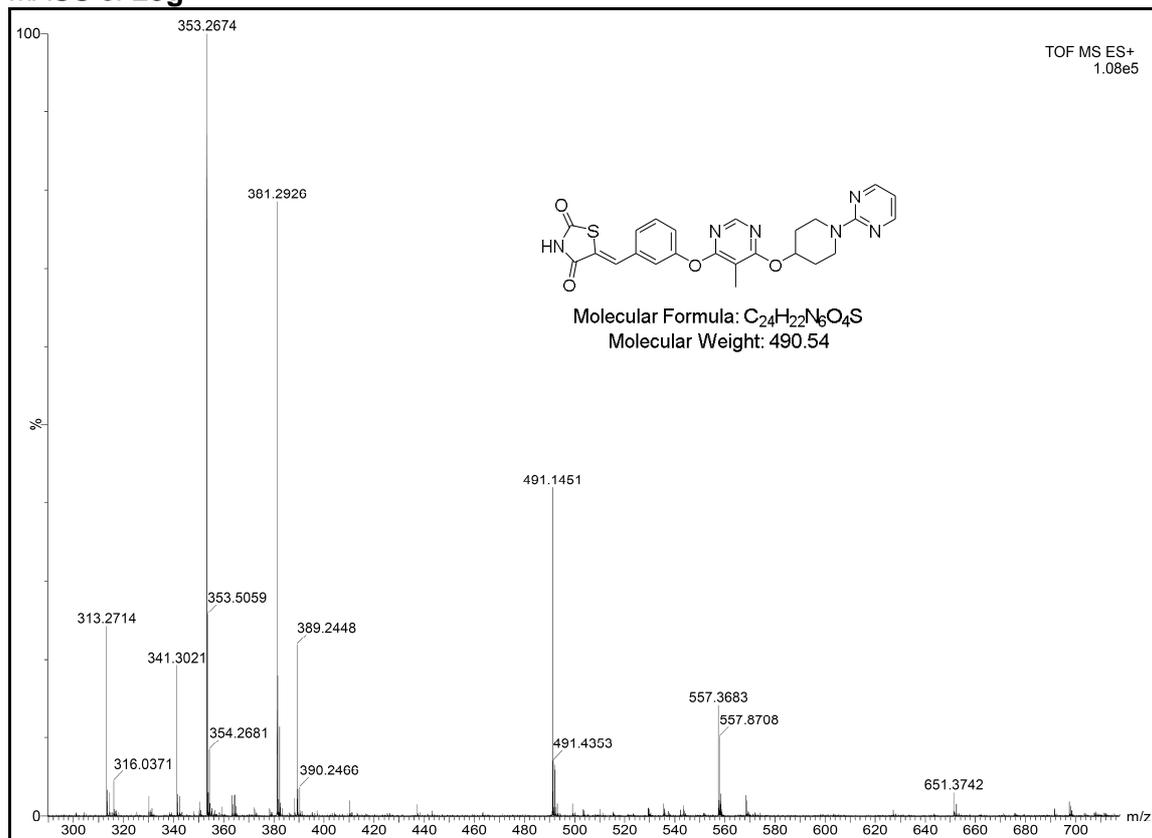
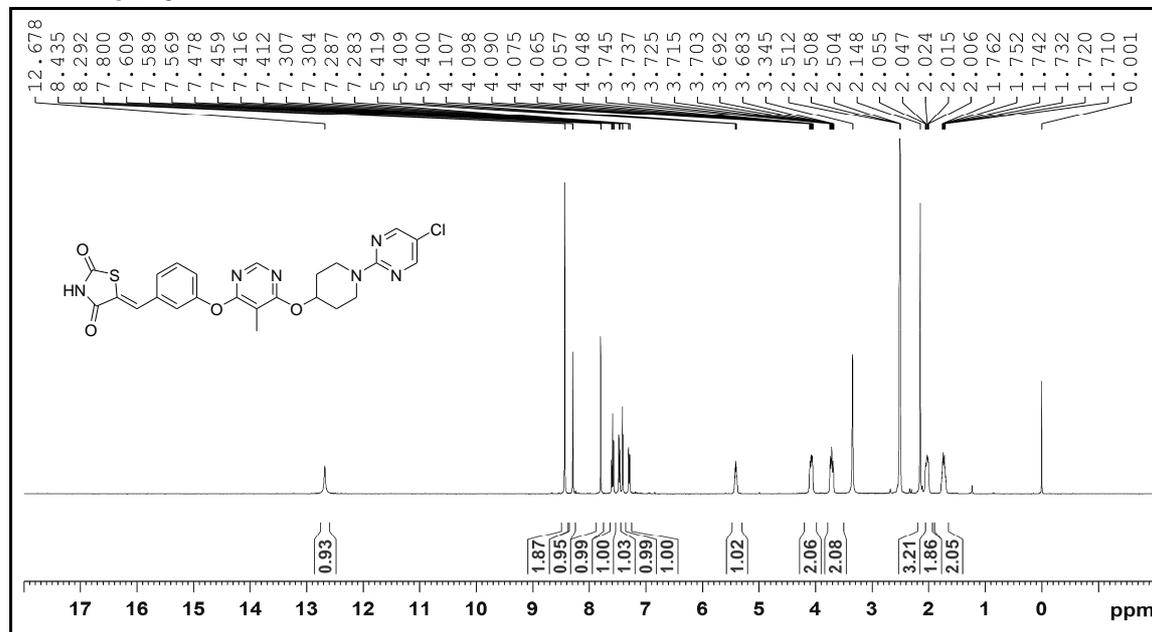


¹³CNMR of 23g

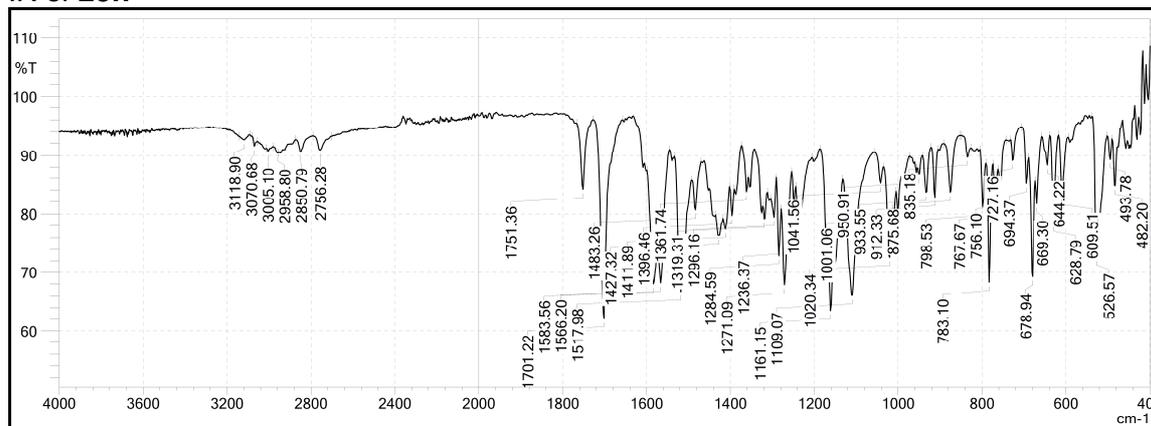
IR of 23g



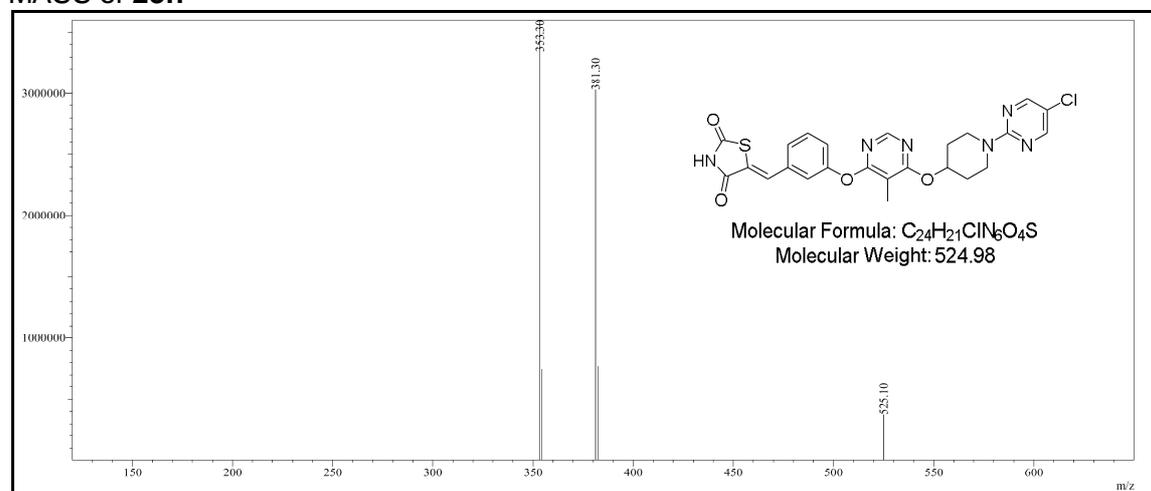
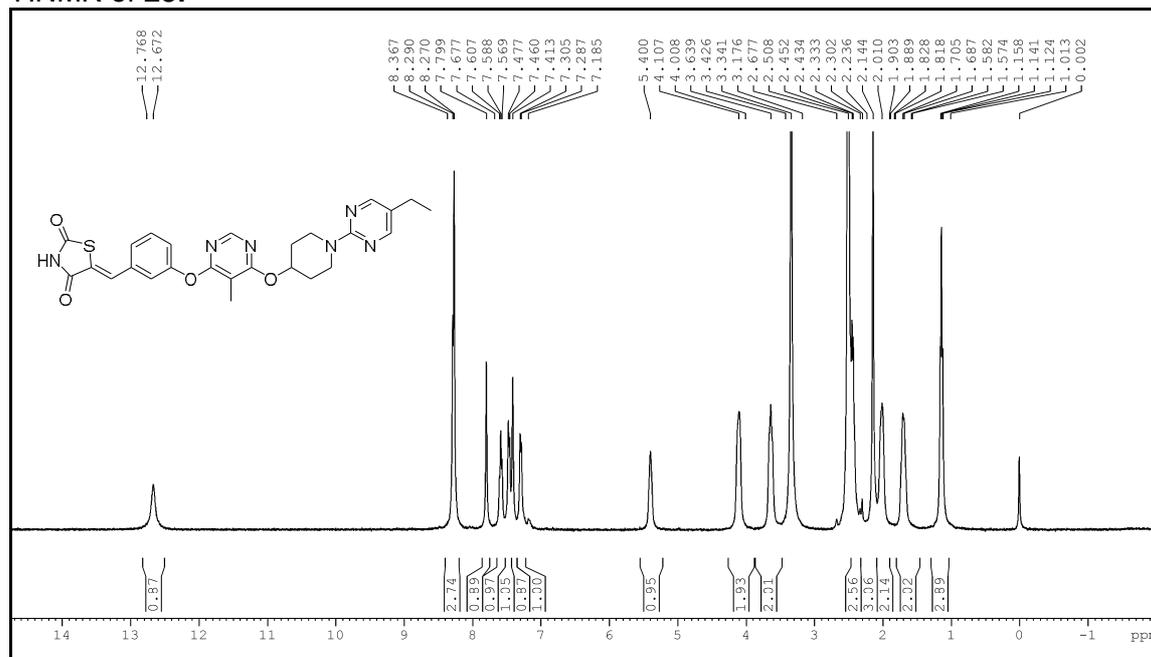
MASS of 23g

 $^1\text{H NMR}$ of 23h

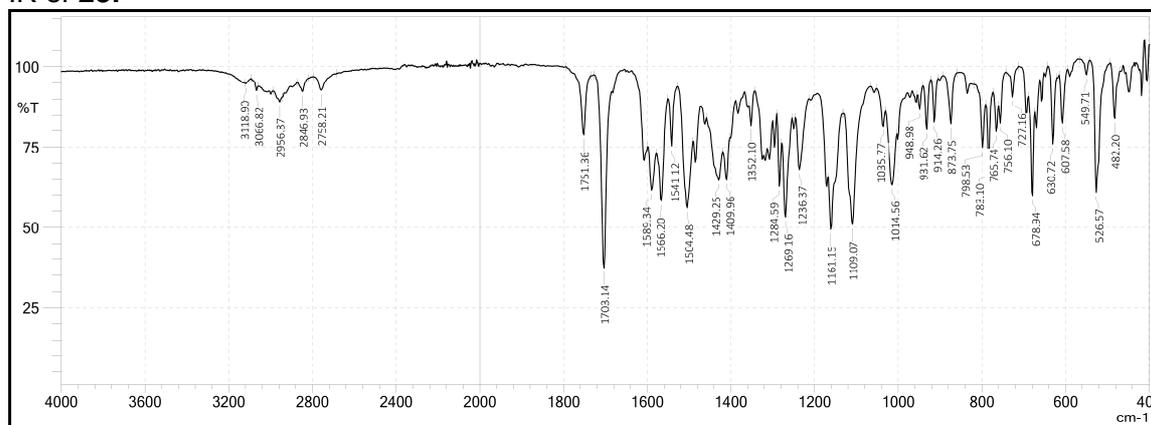
IR of 23h



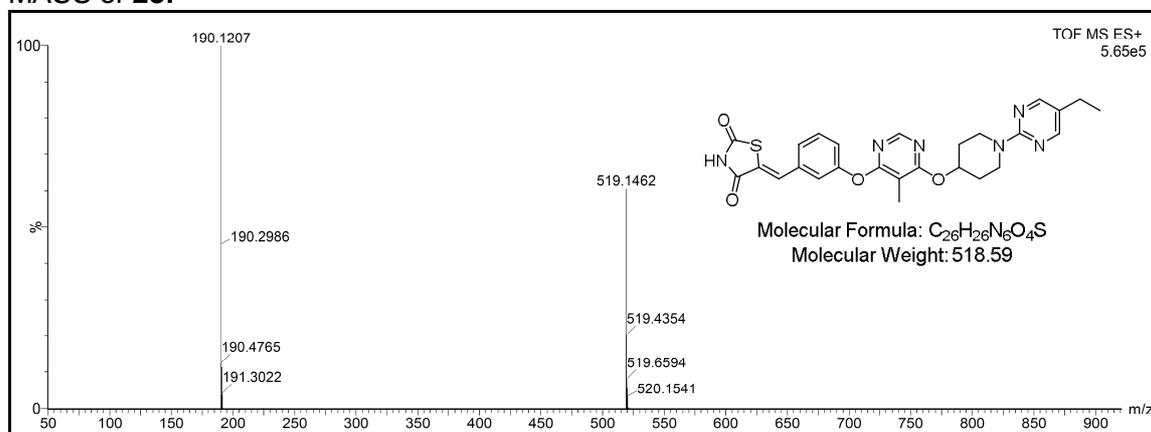
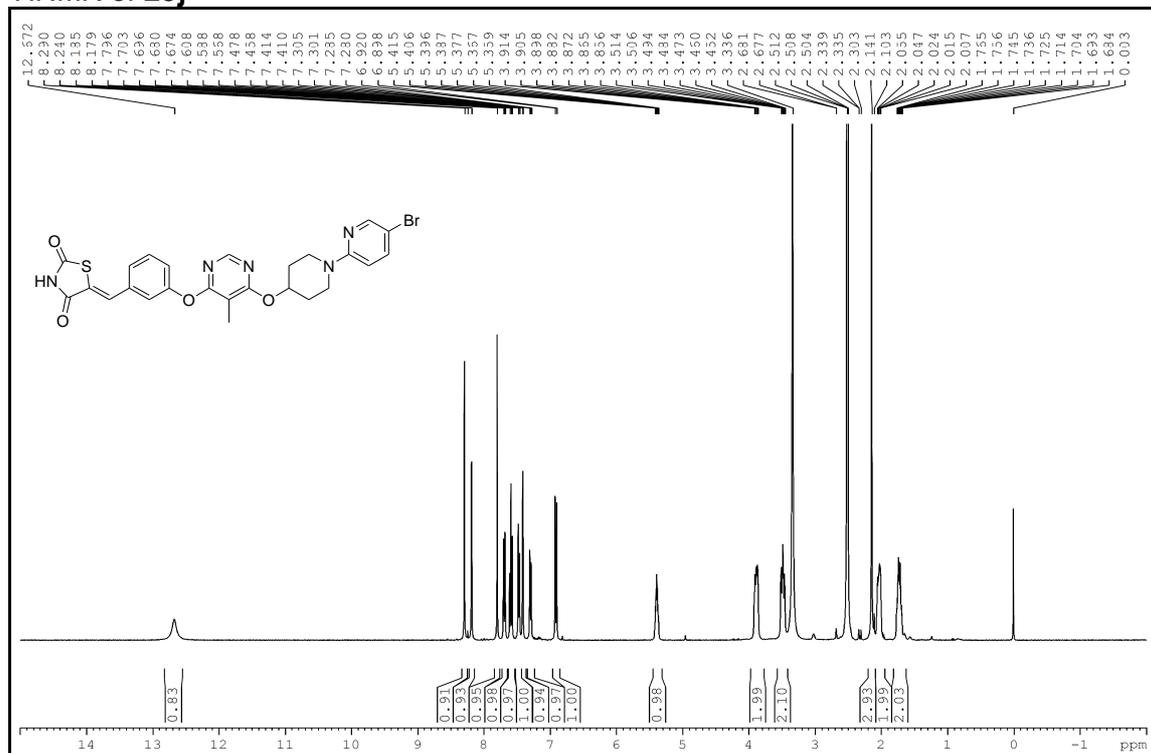
MASS of 23h

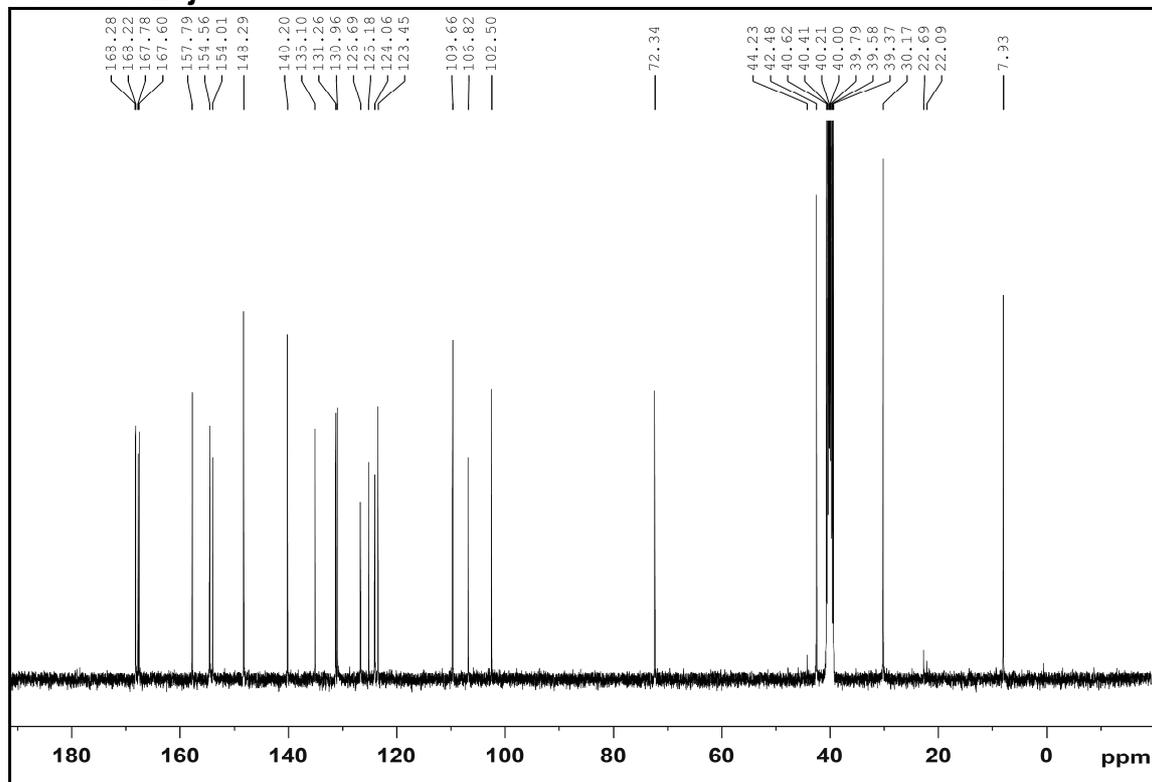
¹H NMR of 23i

IR of 23i

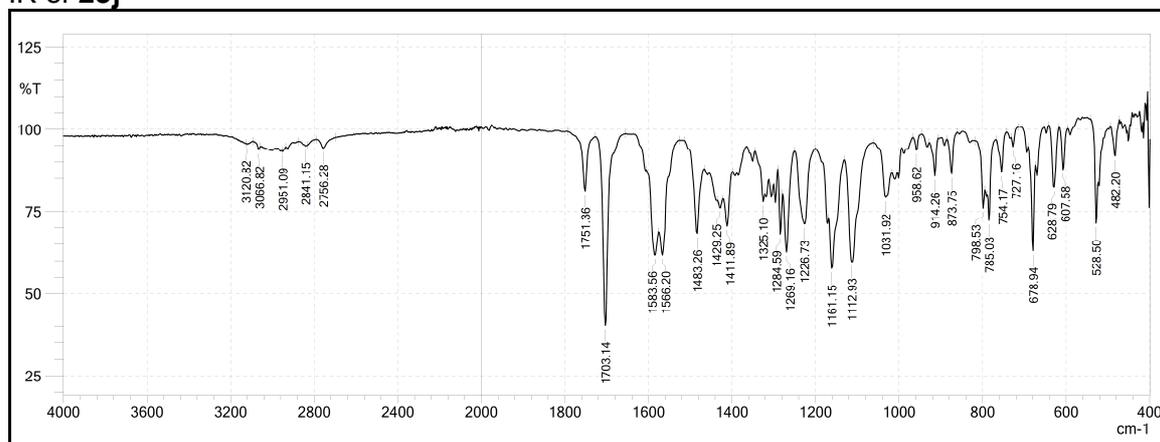


MASS of 23i

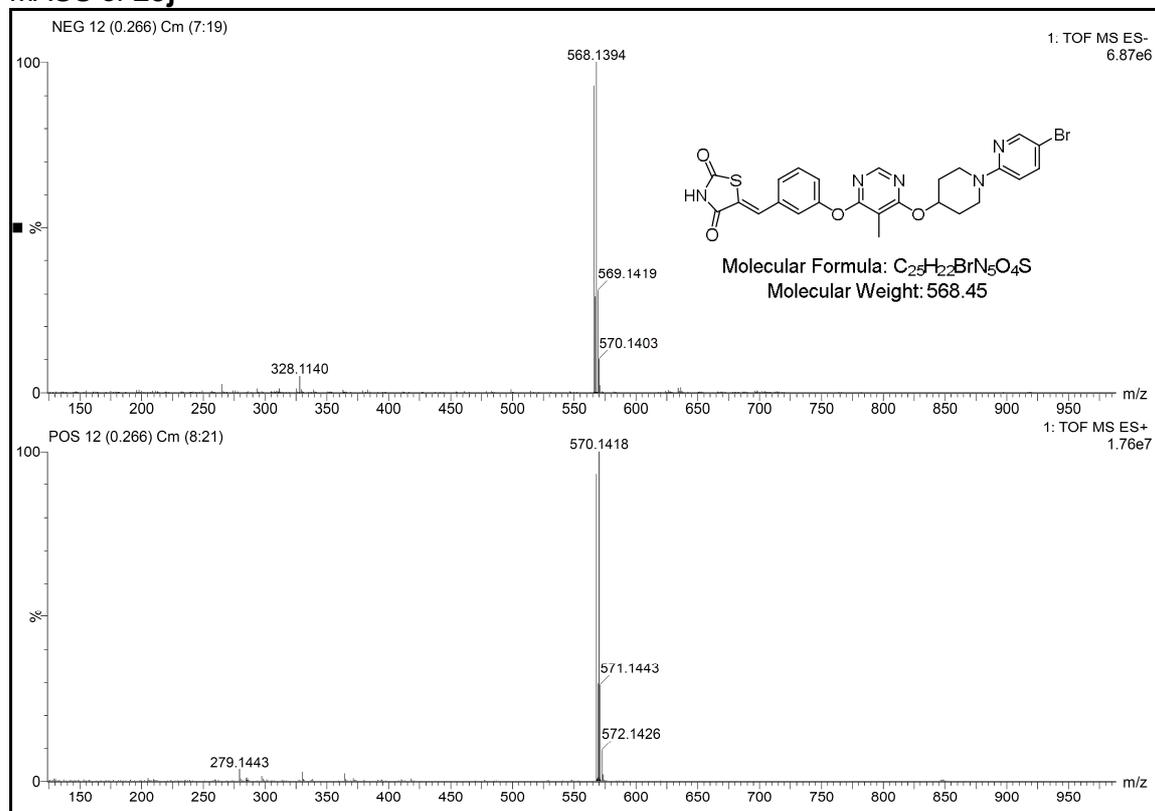
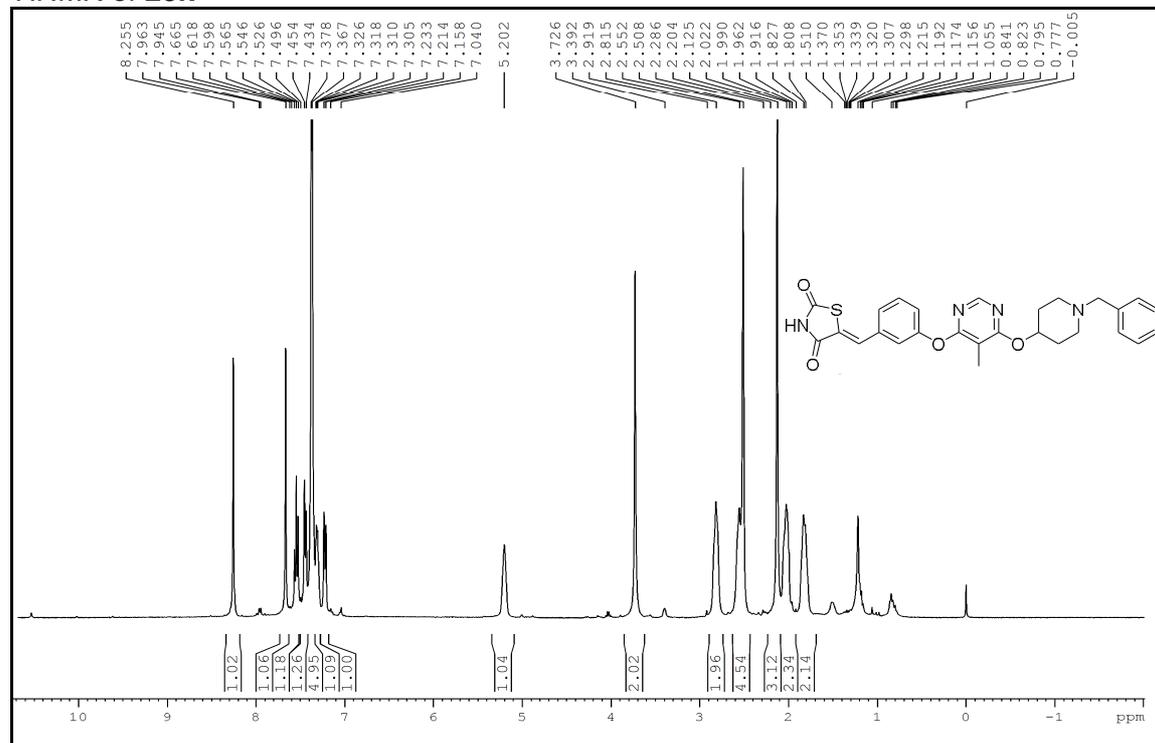
¹H NMR of 23j

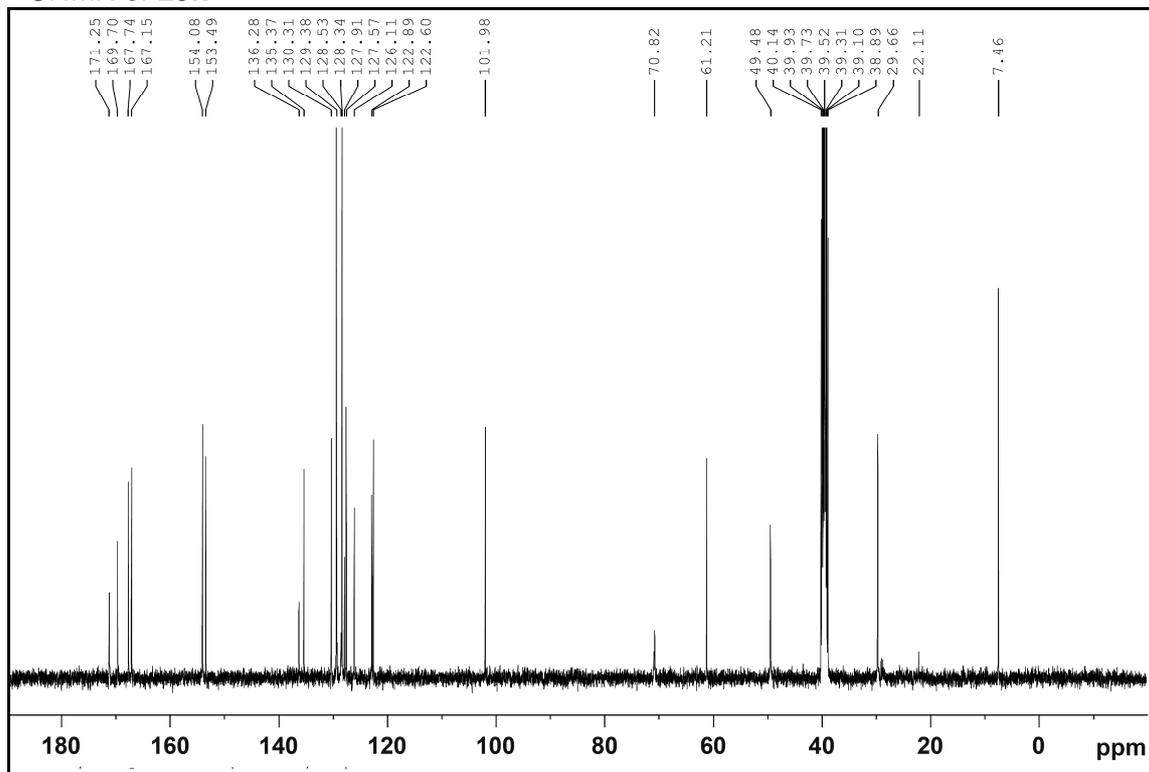
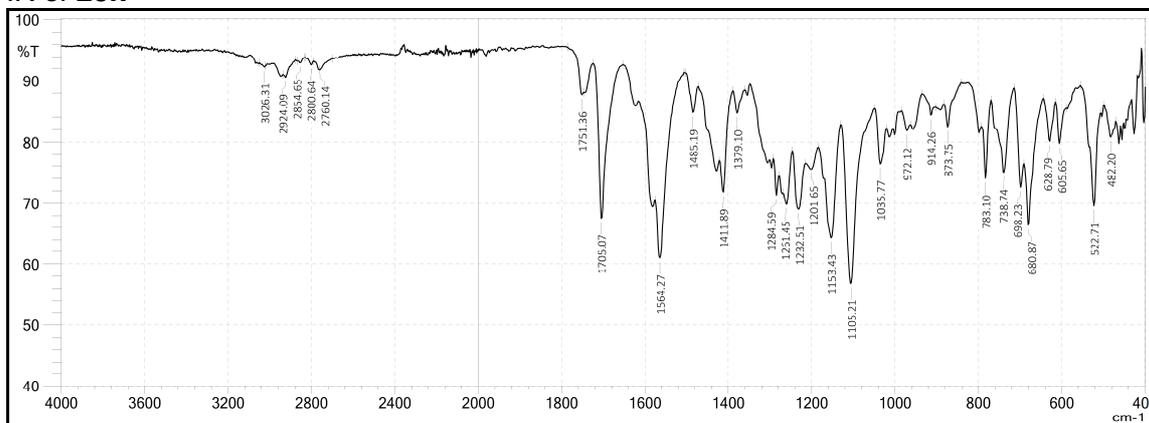
¹³CNMR of 23j

IR of 23j

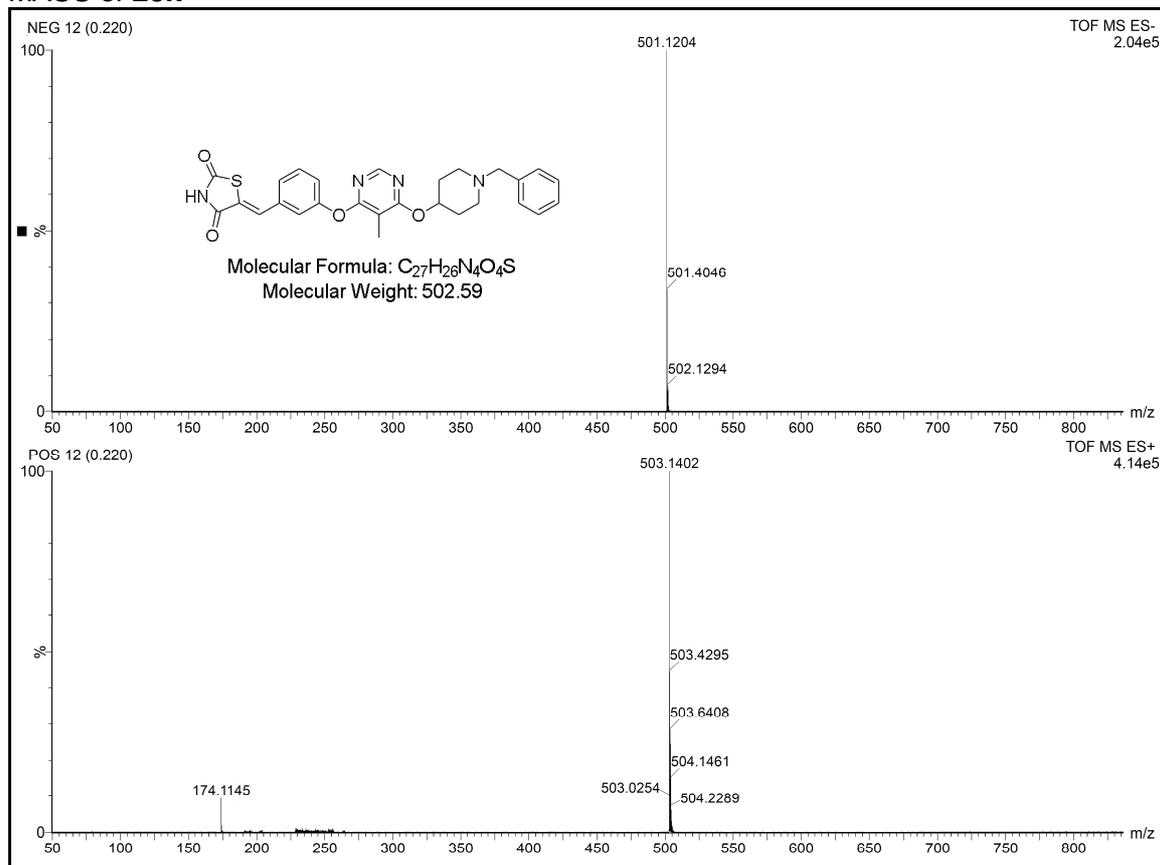
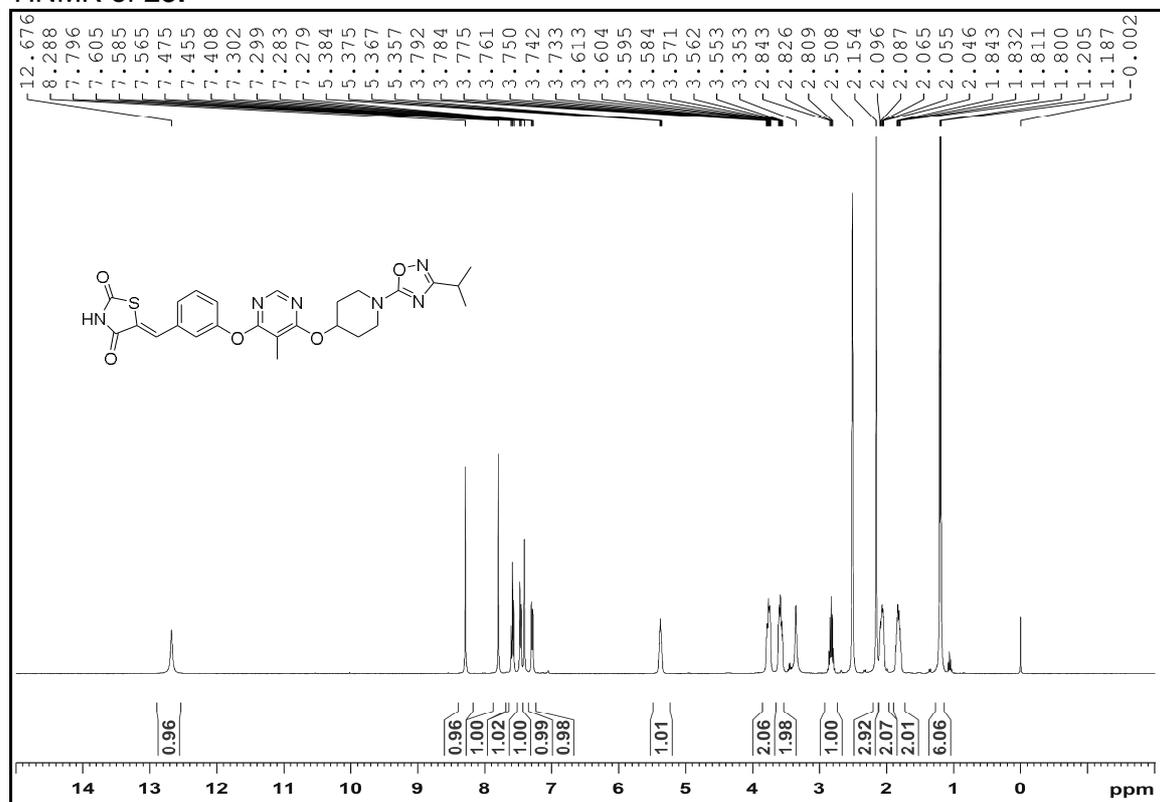


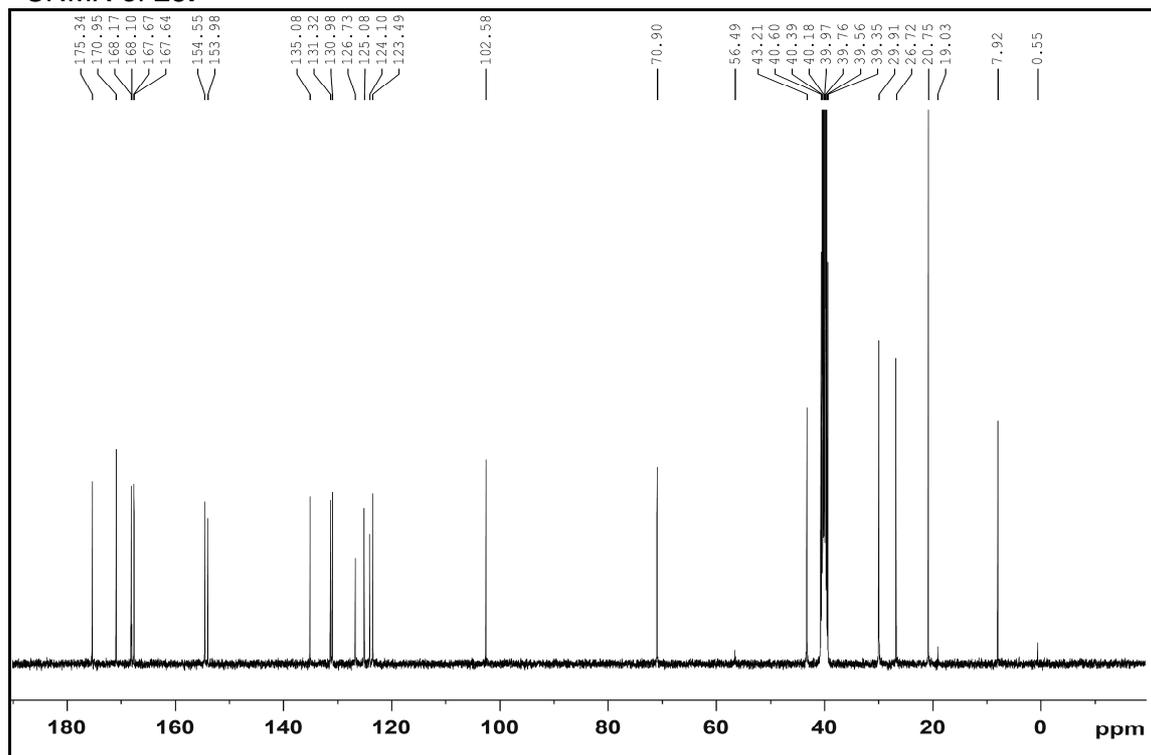
MASS of 23j

 ^1H NMR of 23k

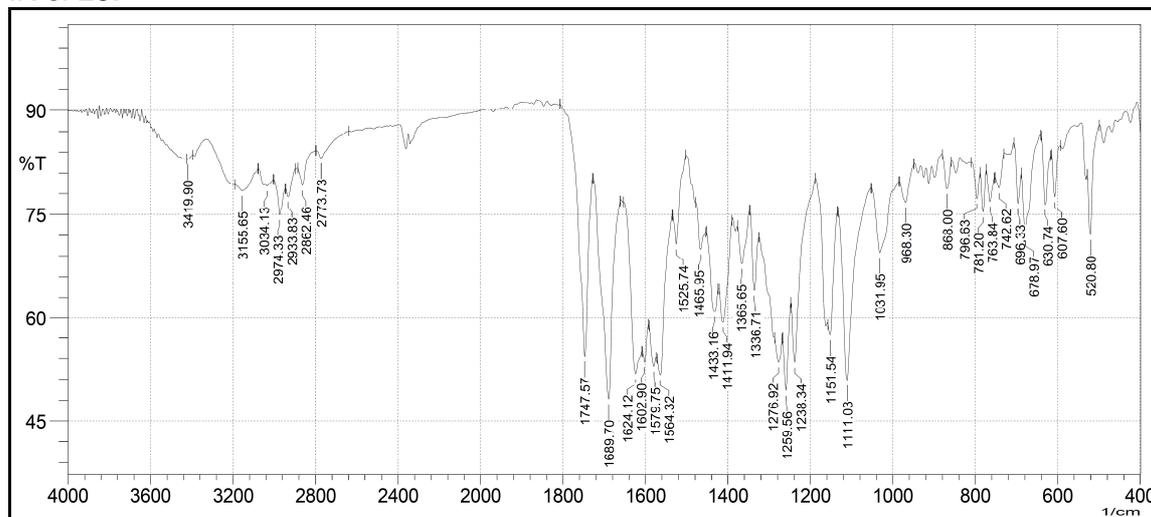
^{13}C NMR of 23k**IR of 23k**

MASS of 23k

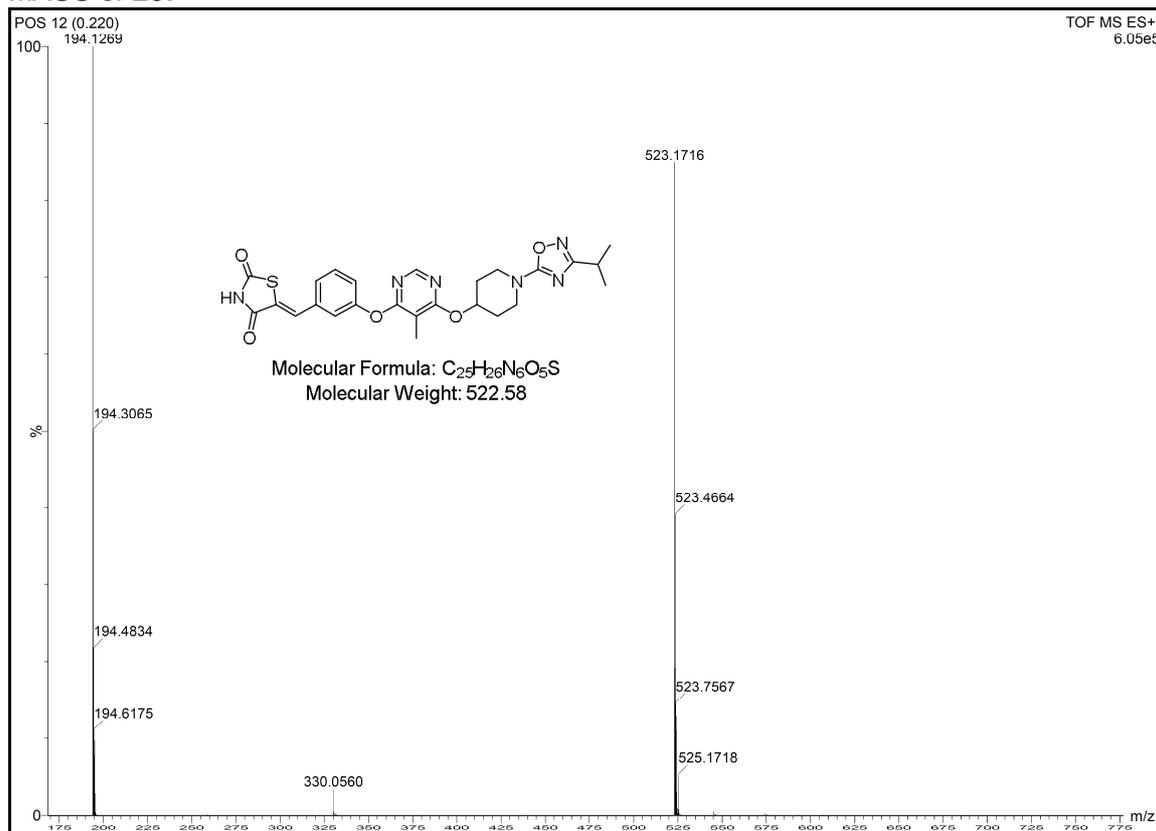
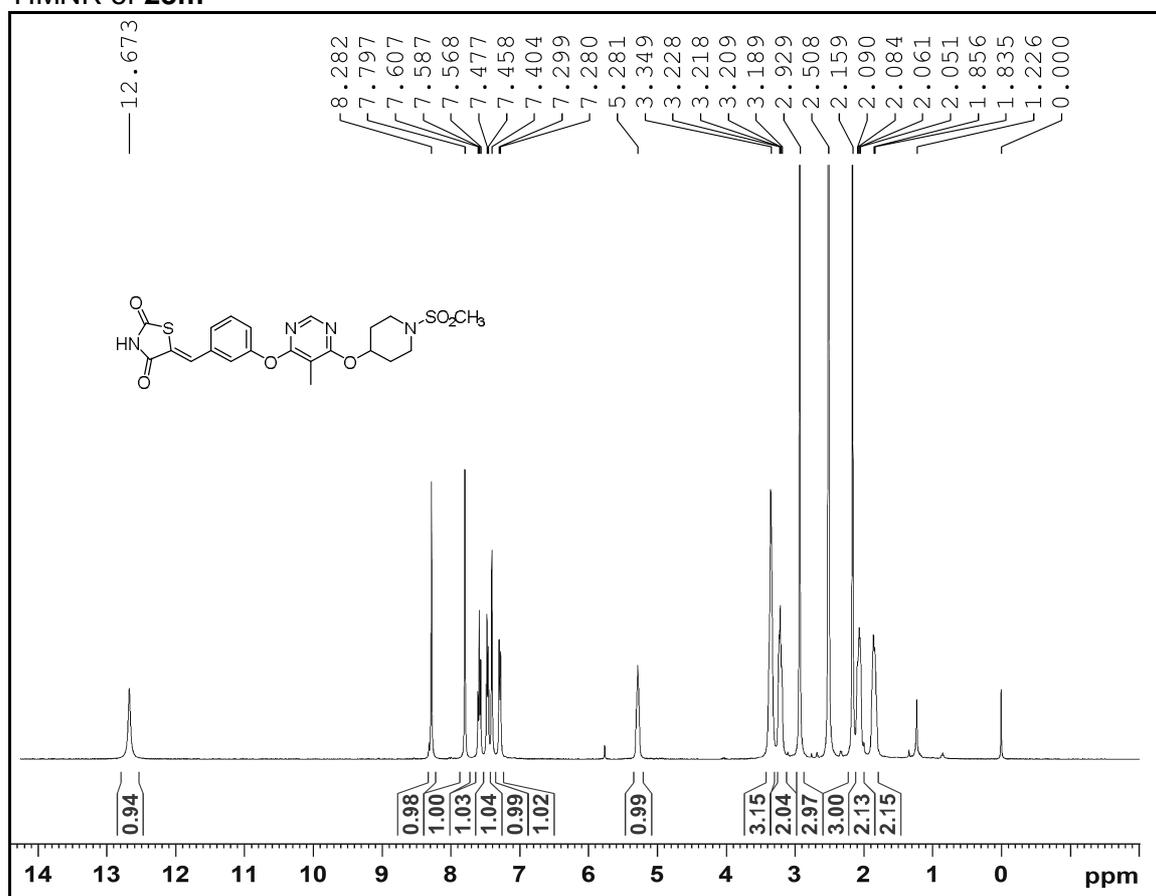
 1H NMR of 23l

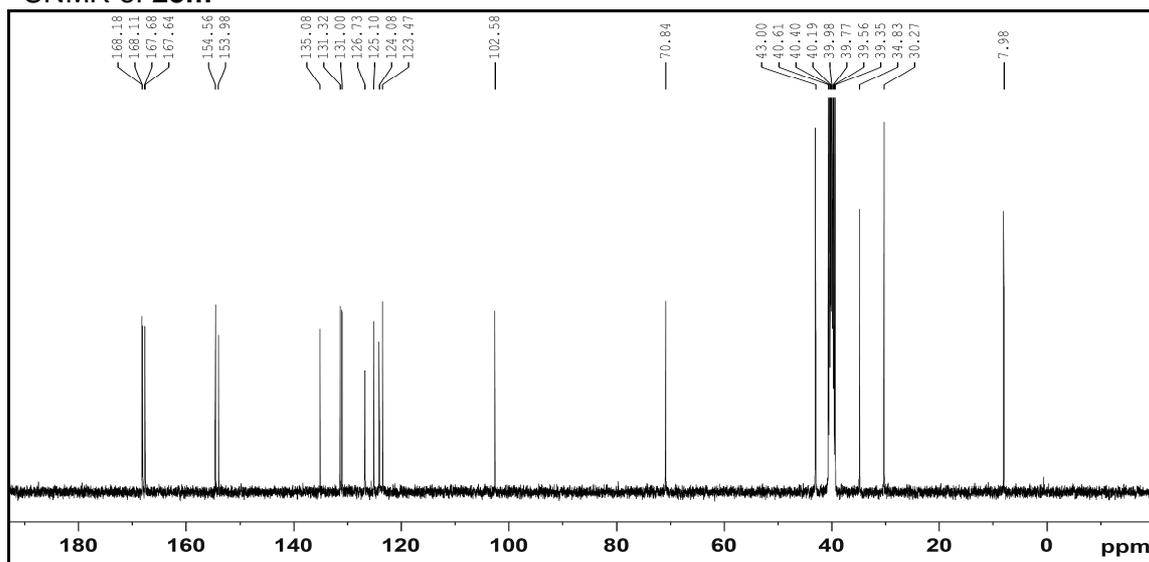
¹³CNMR of 23I

IR of 23I

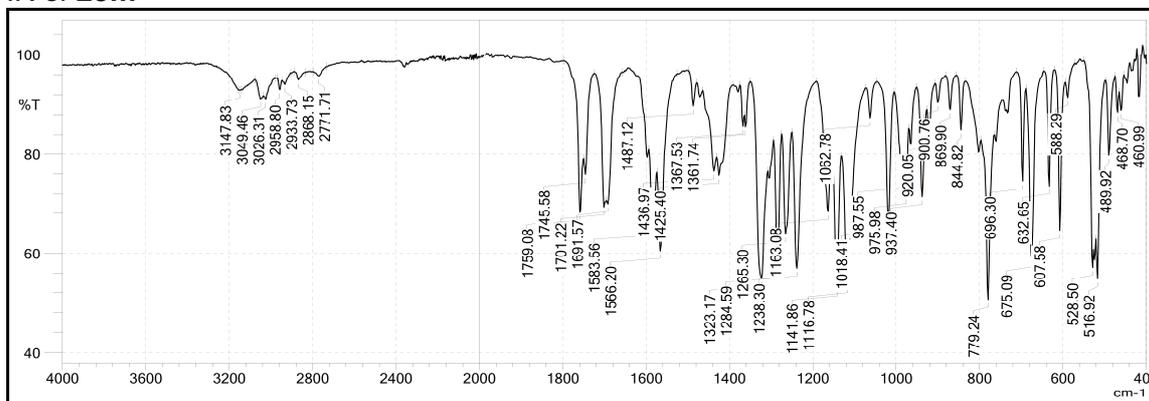


MASS of 231

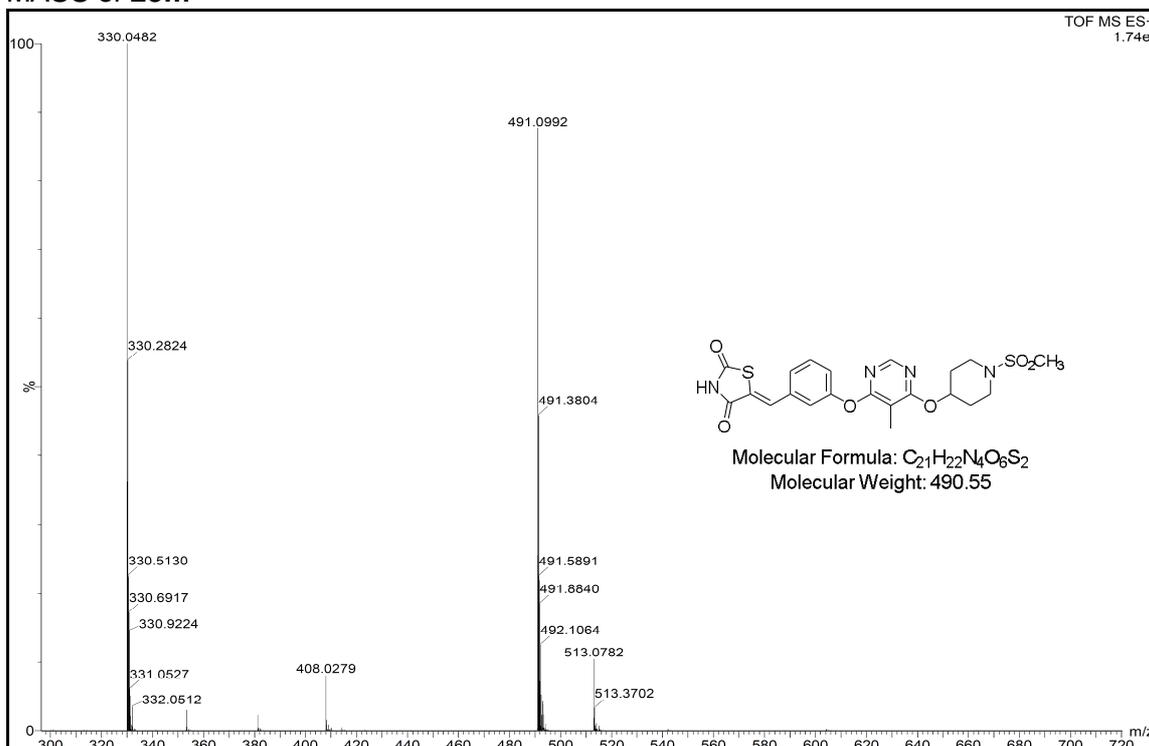
 ^1H MNR of 23m

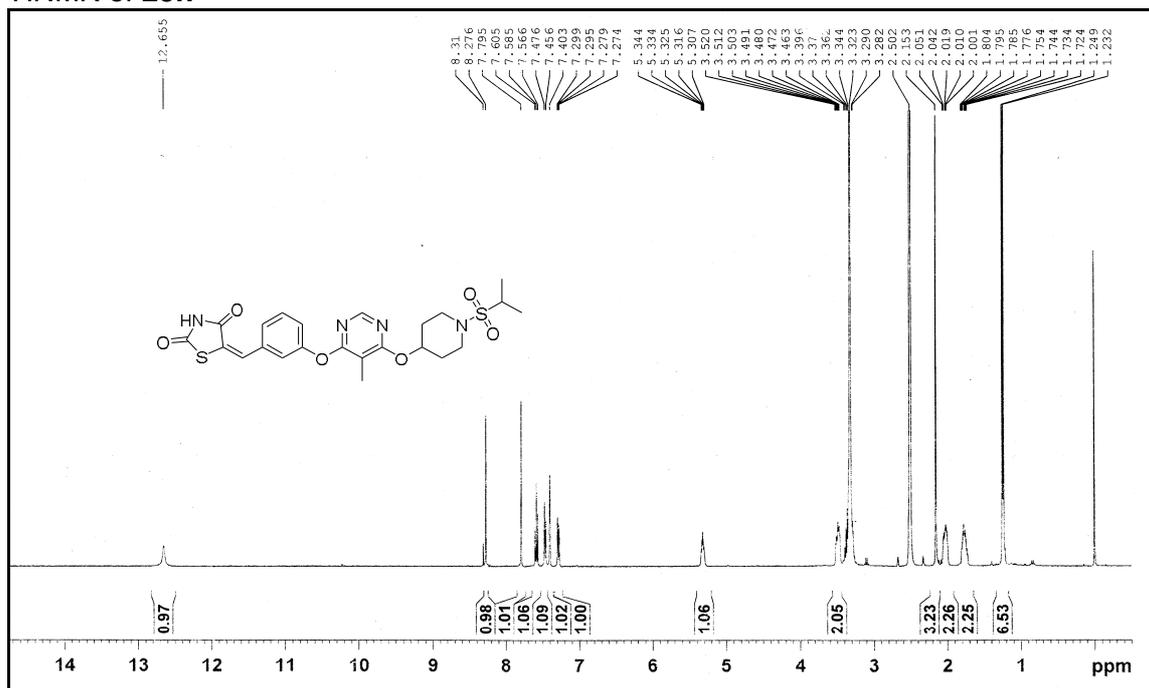
¹³CNMR of 23m

IR of 23m

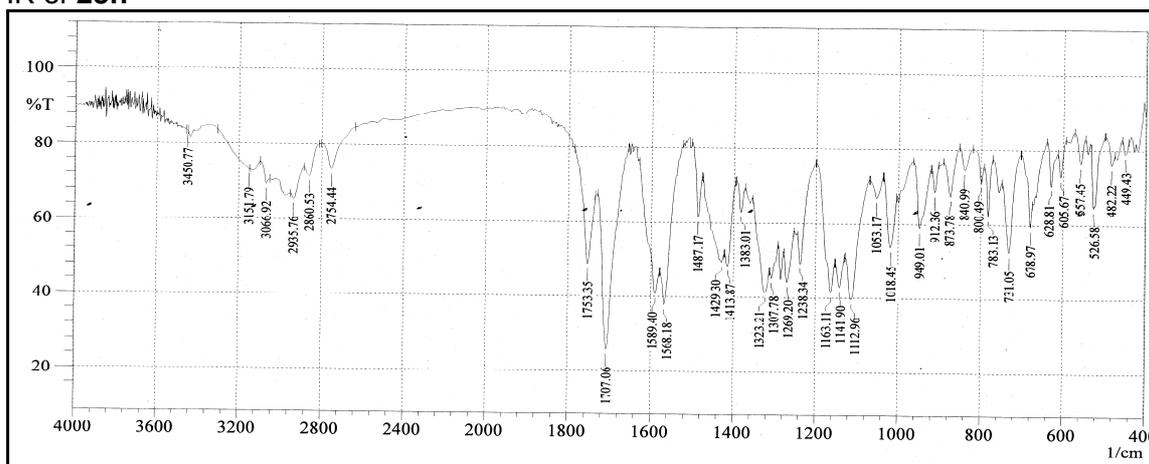


MASS of 23m

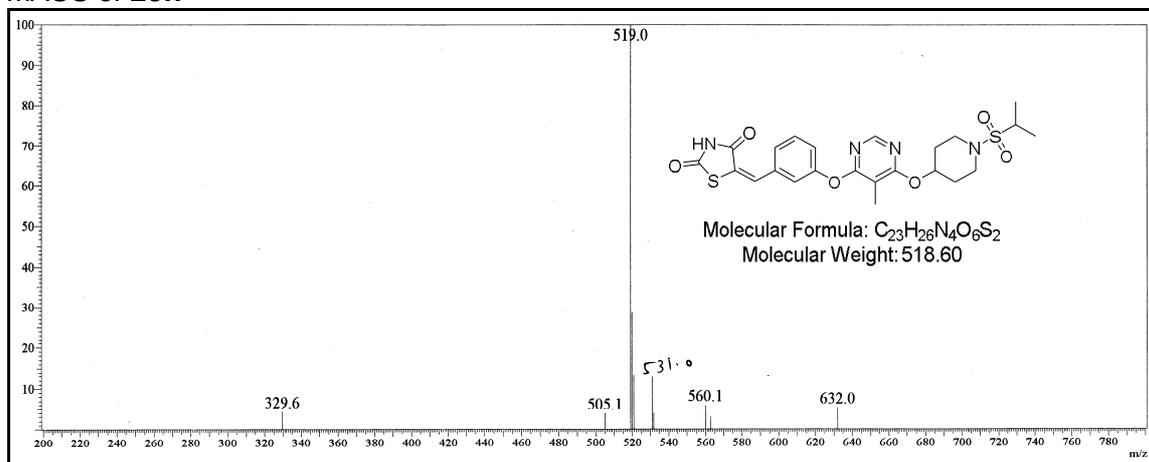


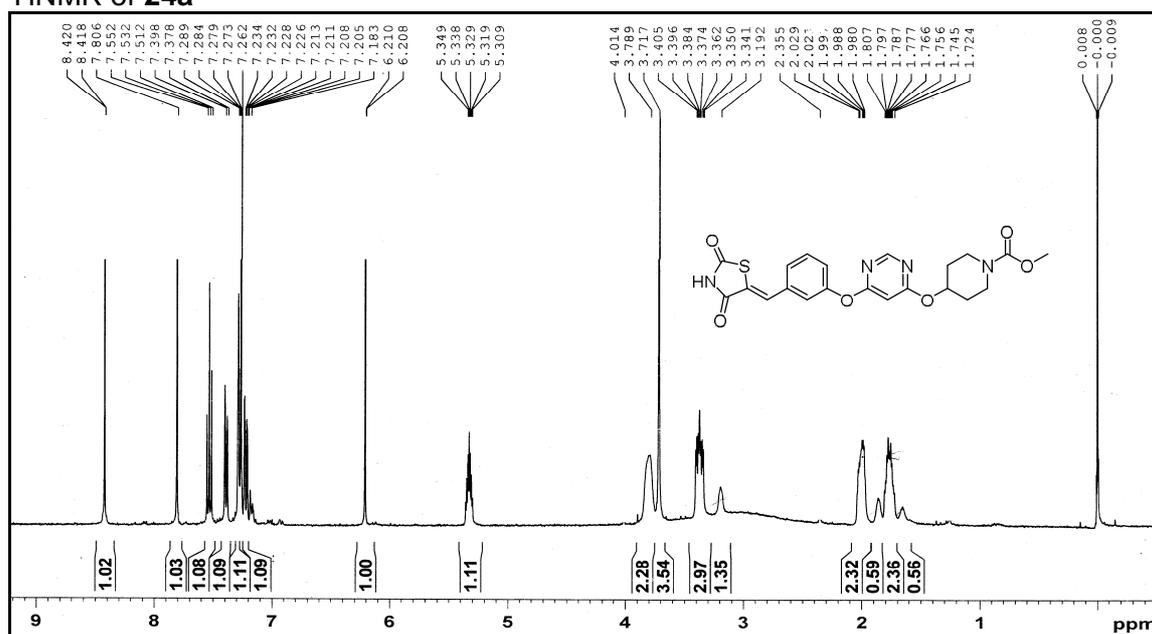
¹H NMR of 23n

IR of 23n

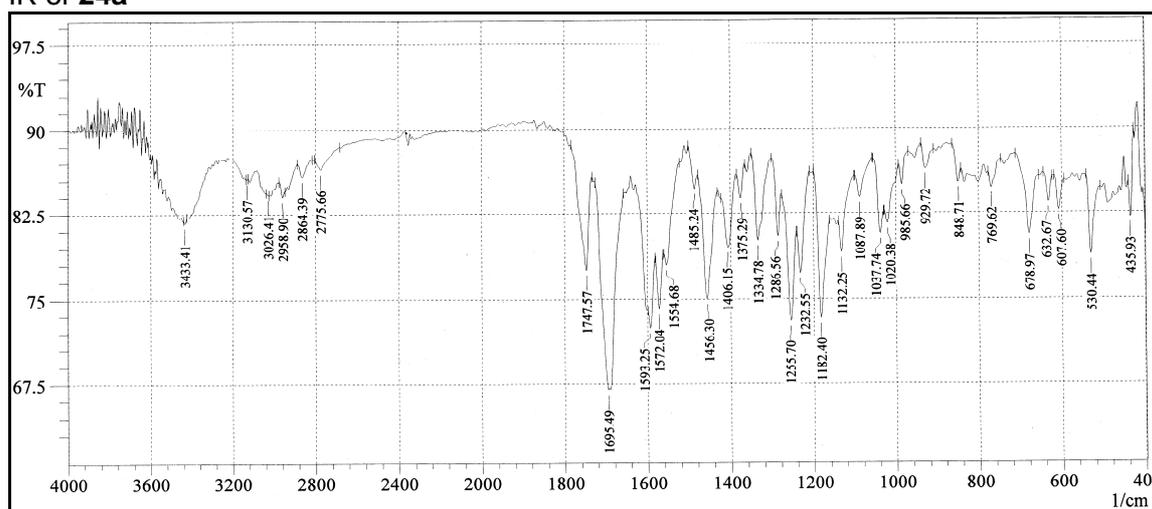


MASS of 23n

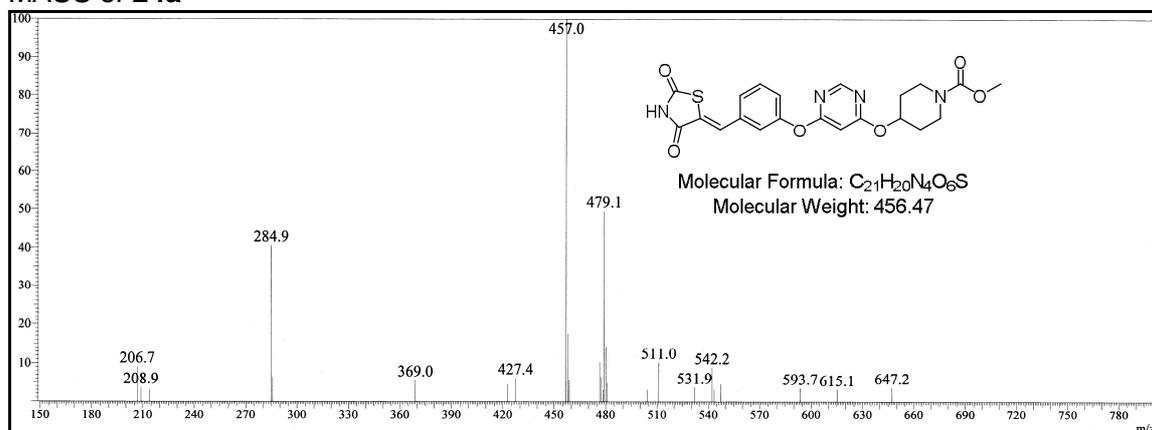


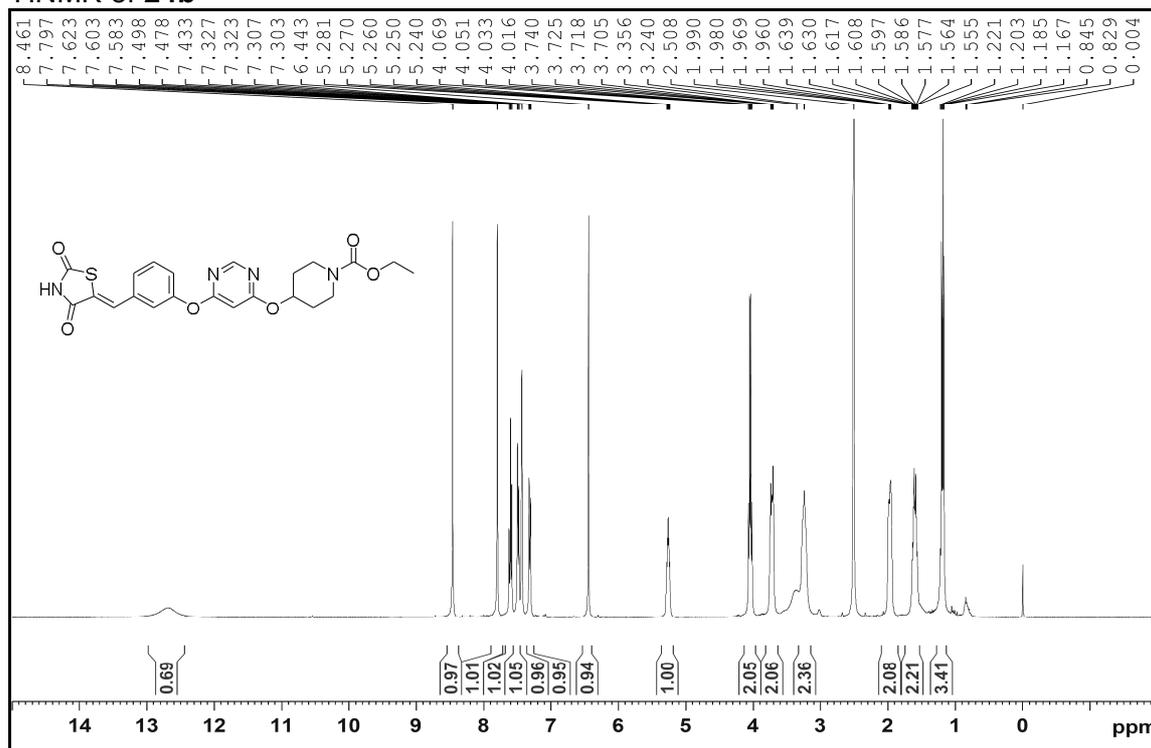
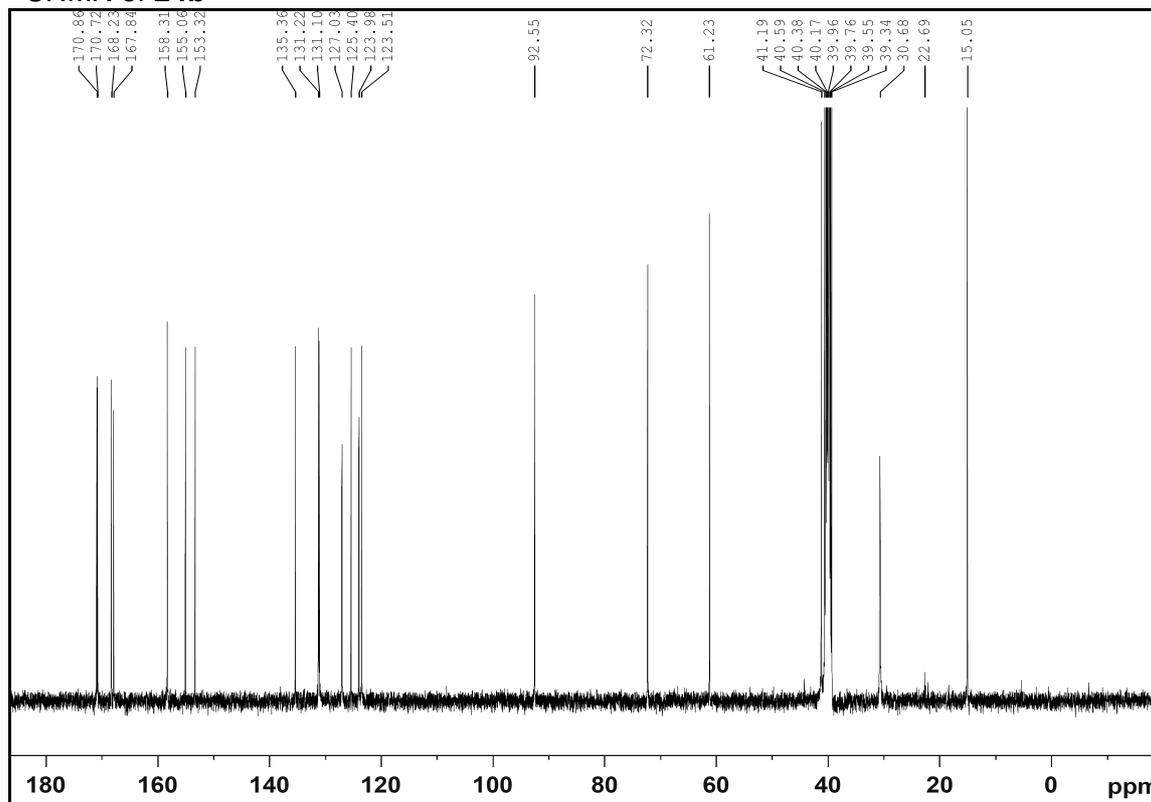
¹H NMR of 24a

IR of 24a

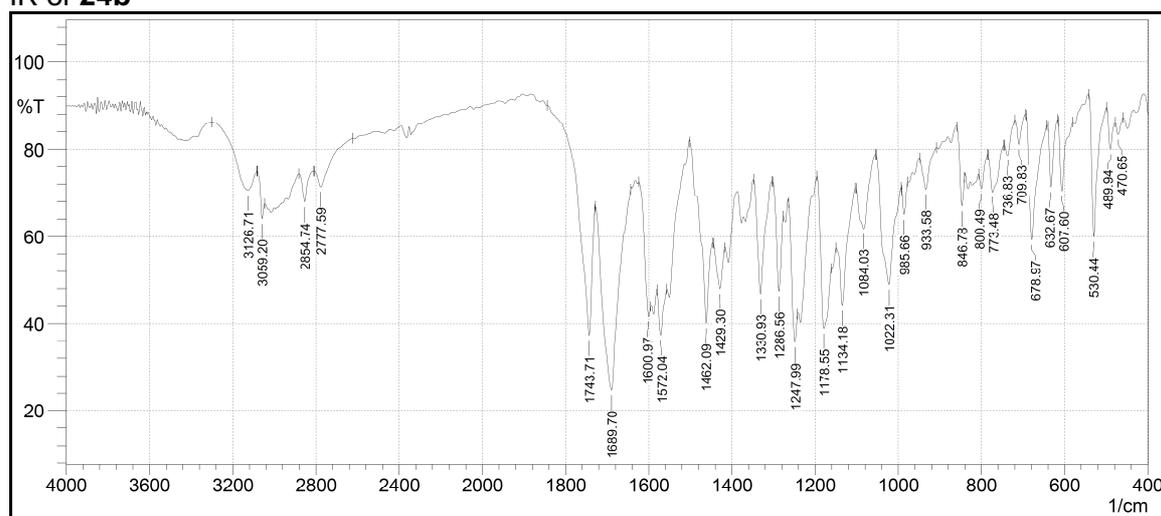


MASS of 24a

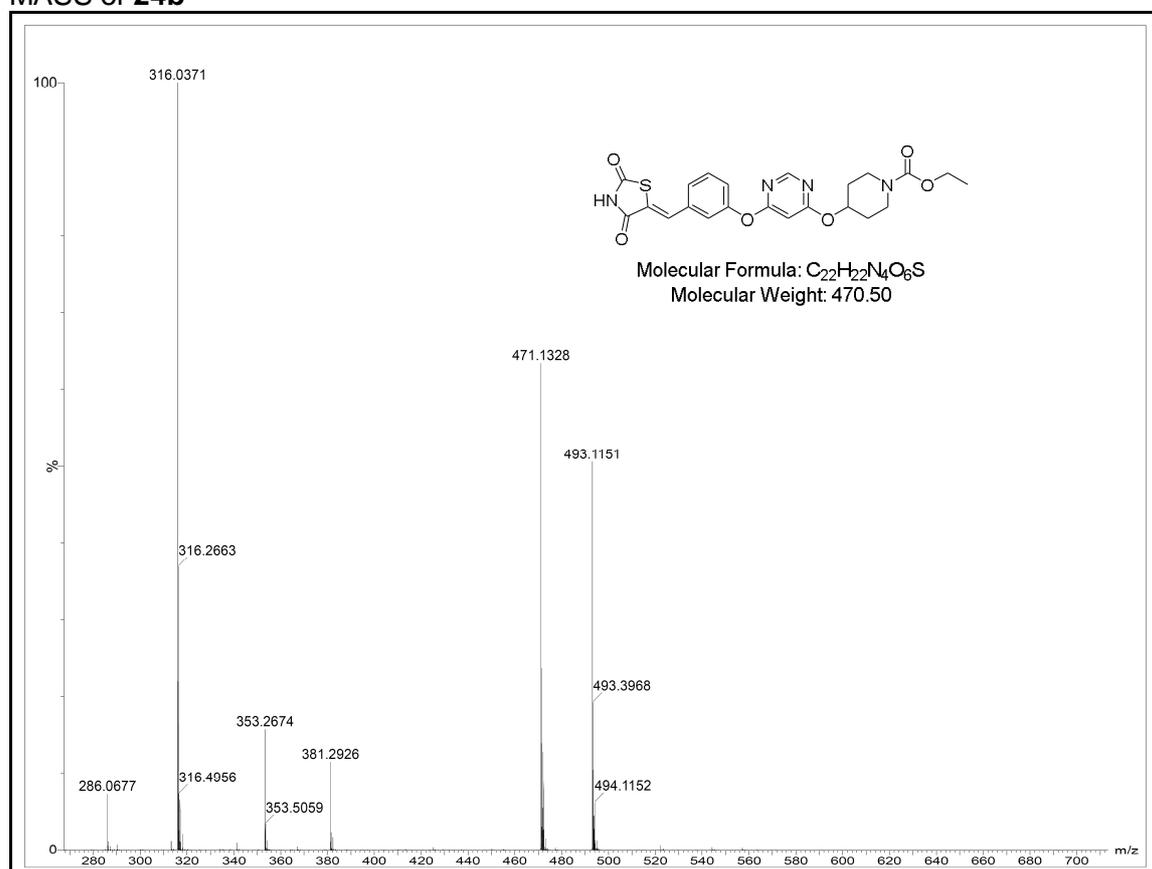


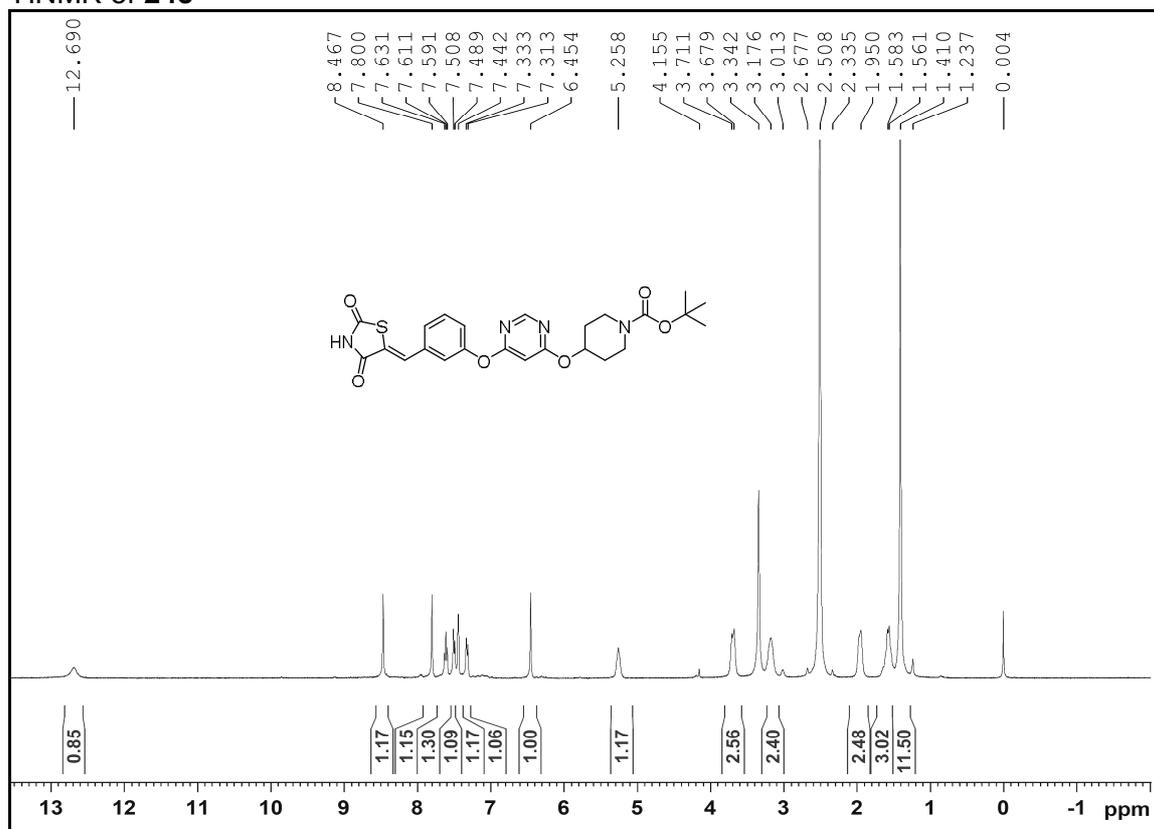
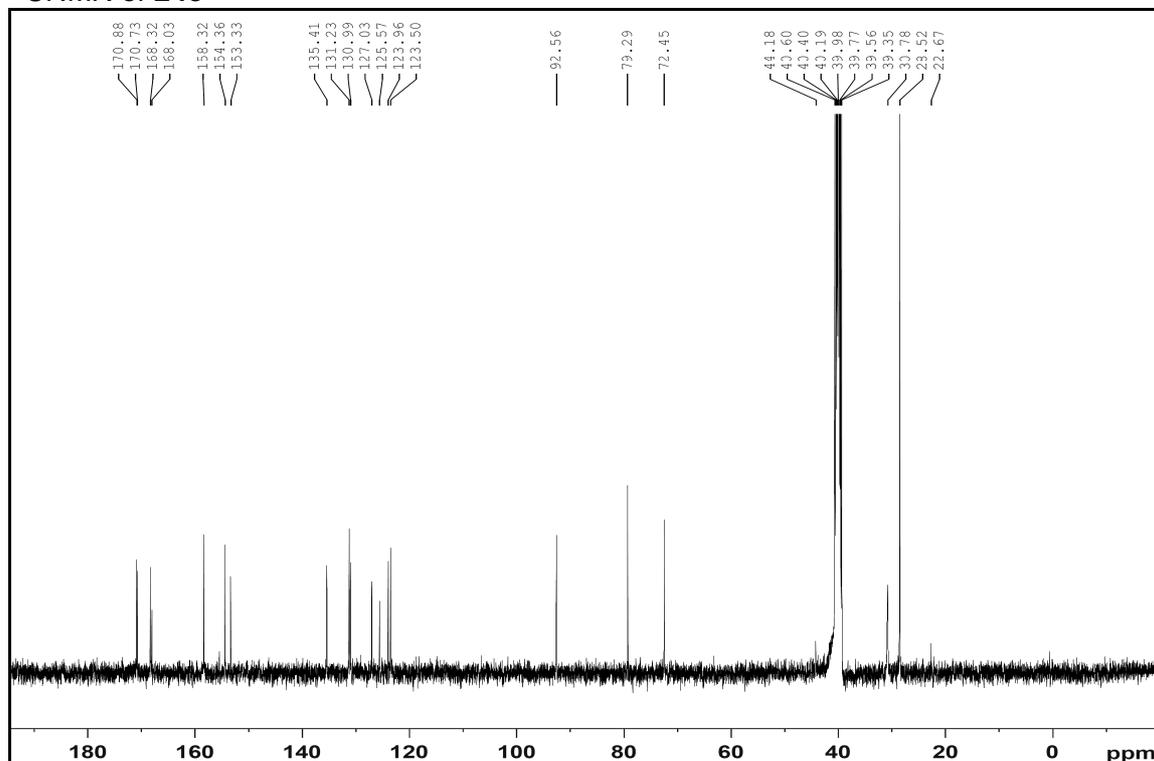
¹H NMR of 24b¹³C NMR of 24b

IR of 24b

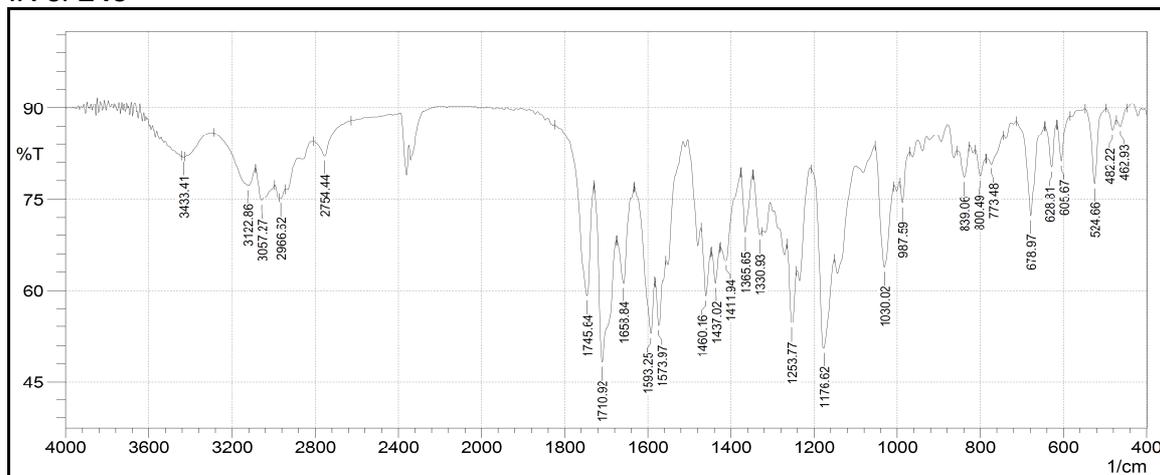


MASS of 24b

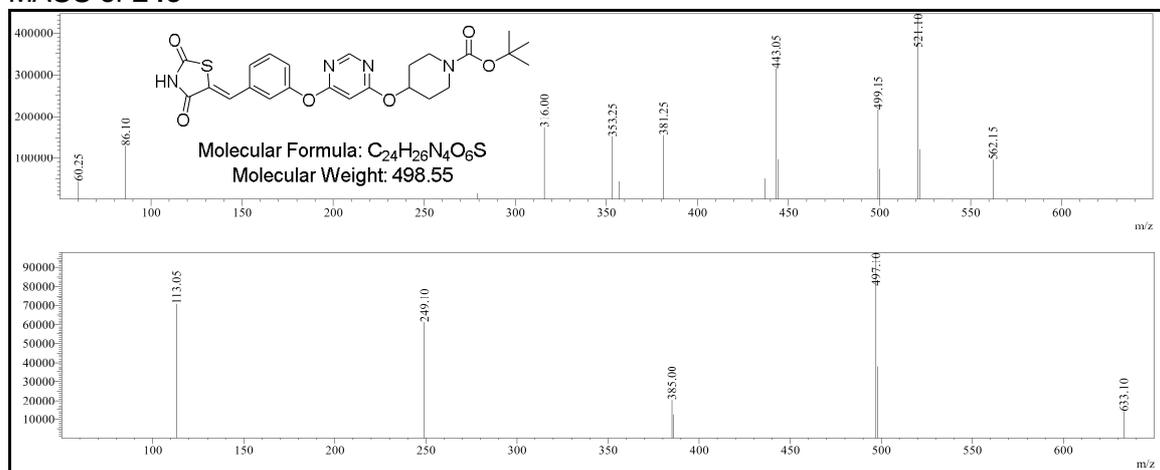
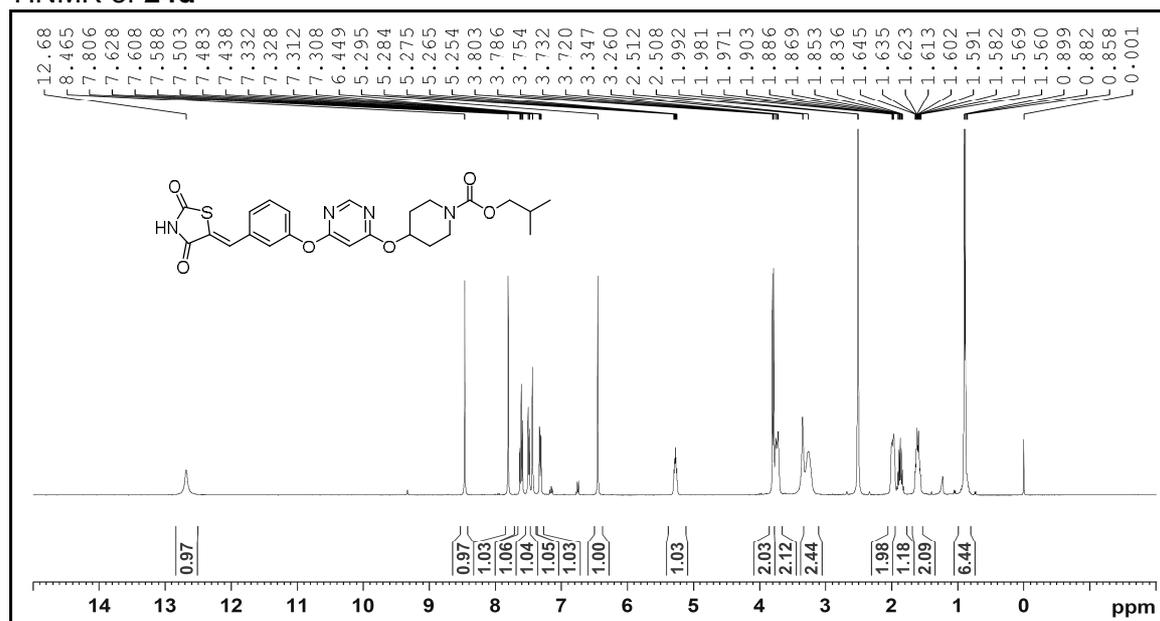


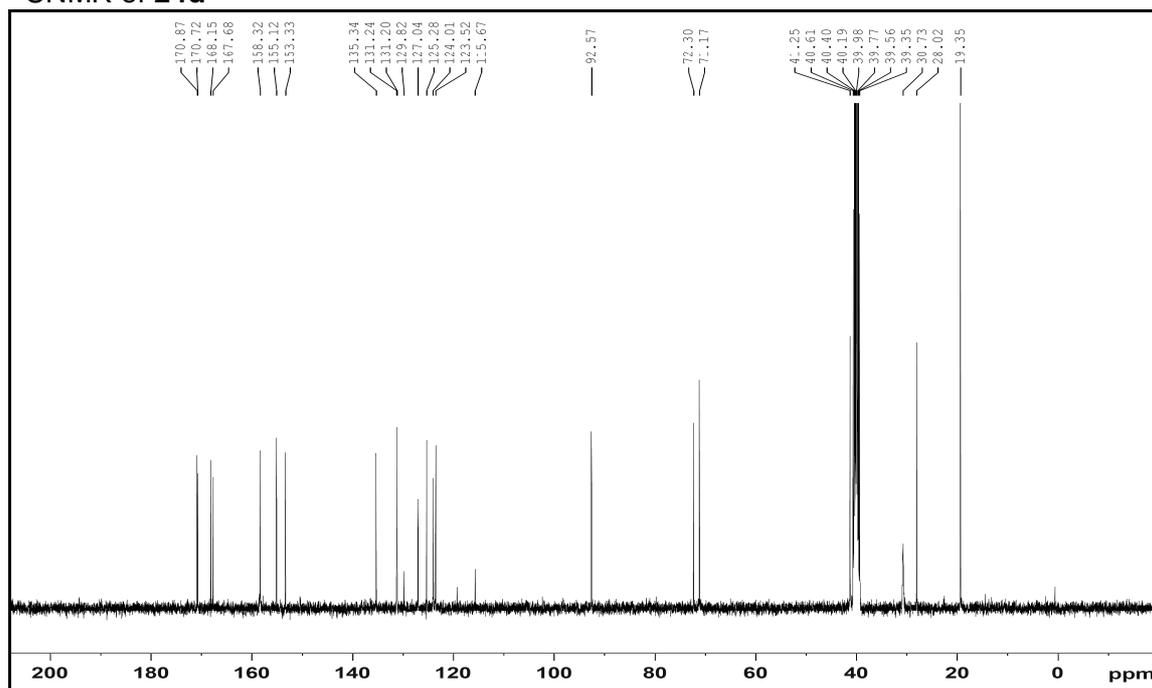
¹H NMR of 24c¹³C NMR of 24c

IR of 24c

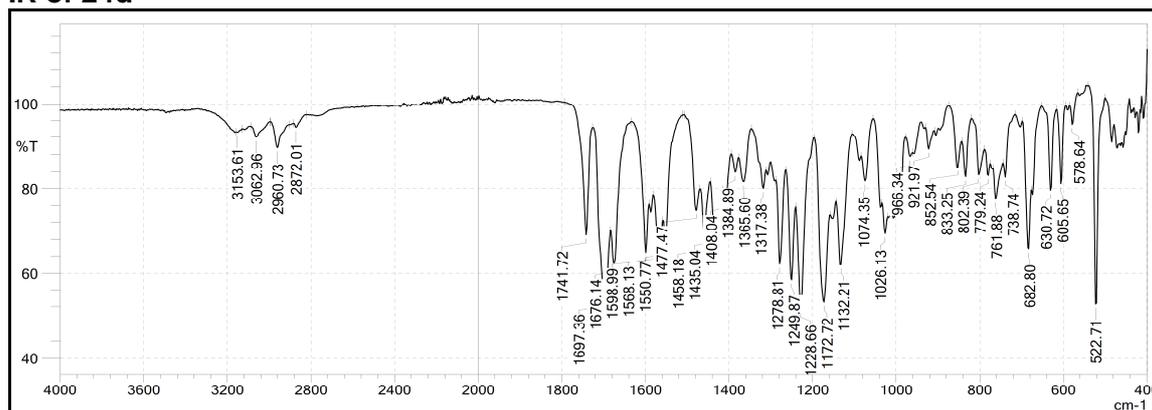


MASS of 24c

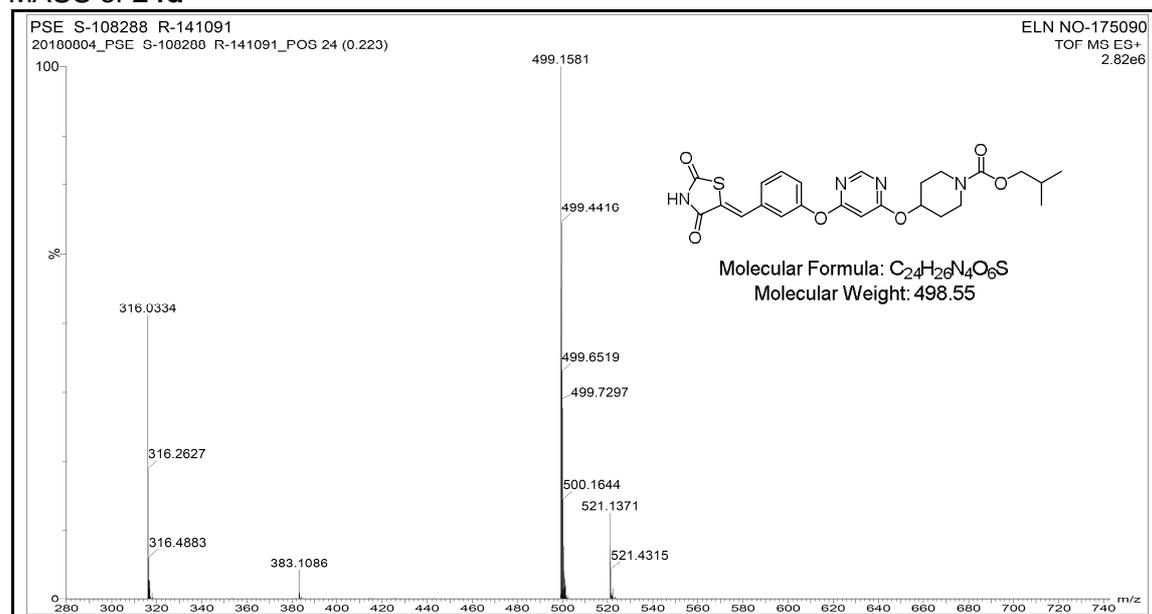
¹H NMR of 24c

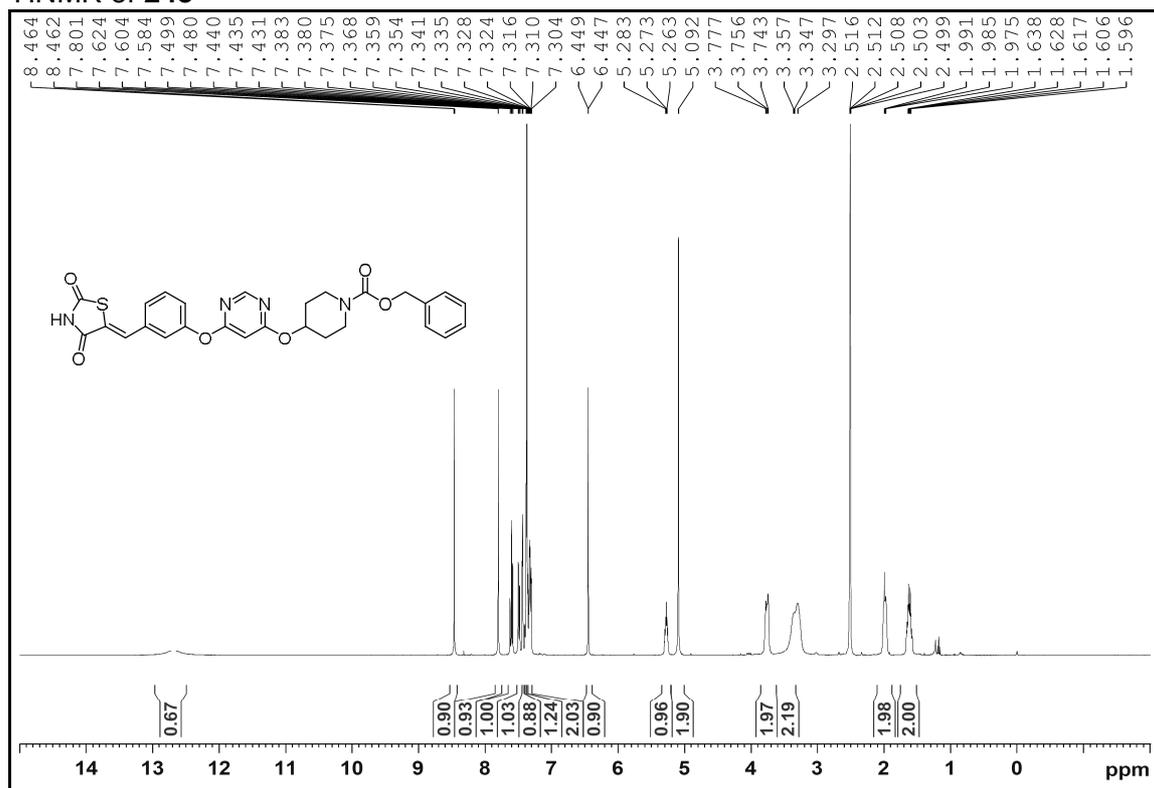
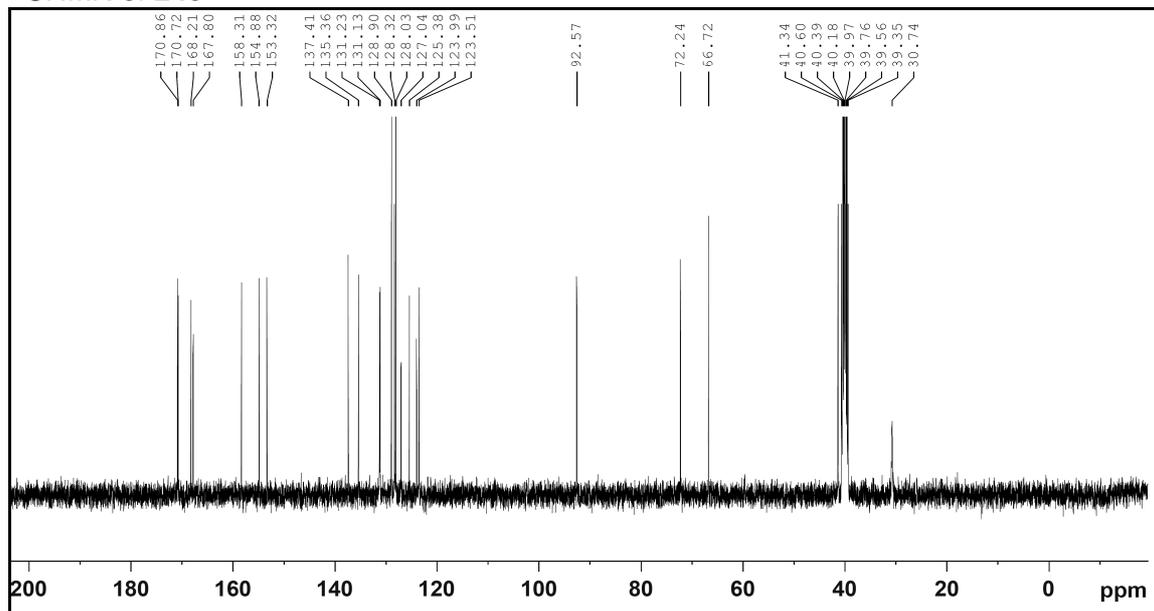
¹³CNMR of 24d

IR of 24d

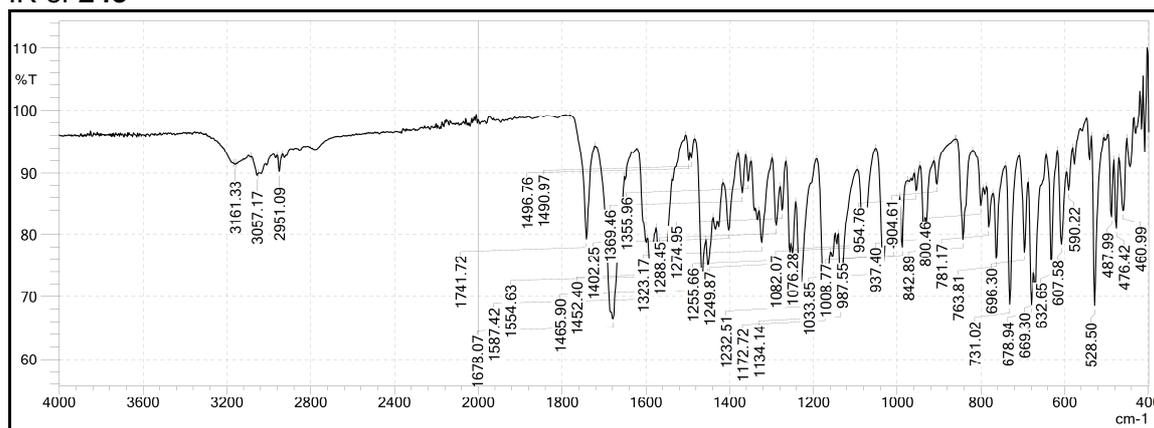


MASS of 24d

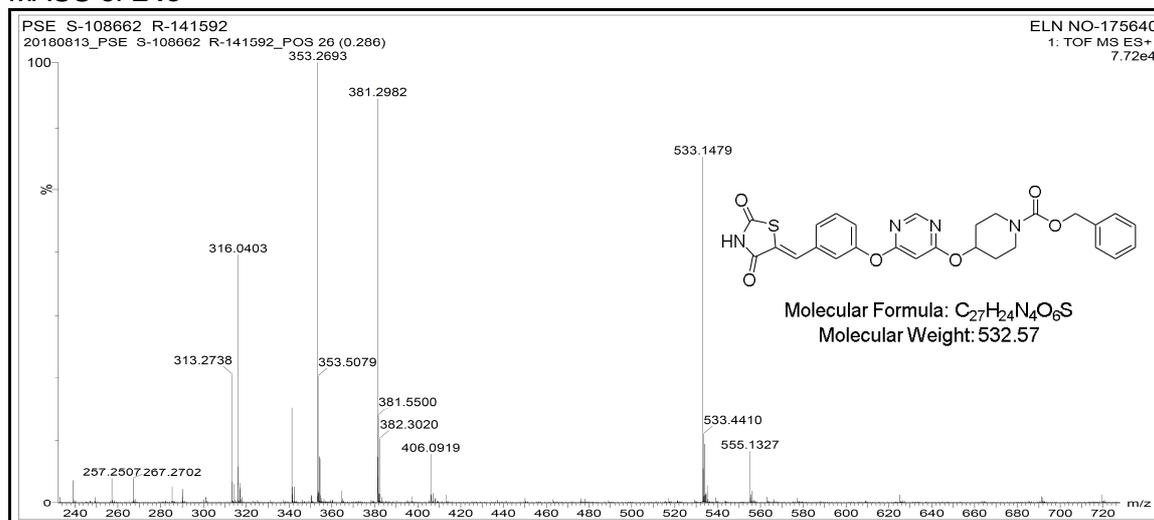
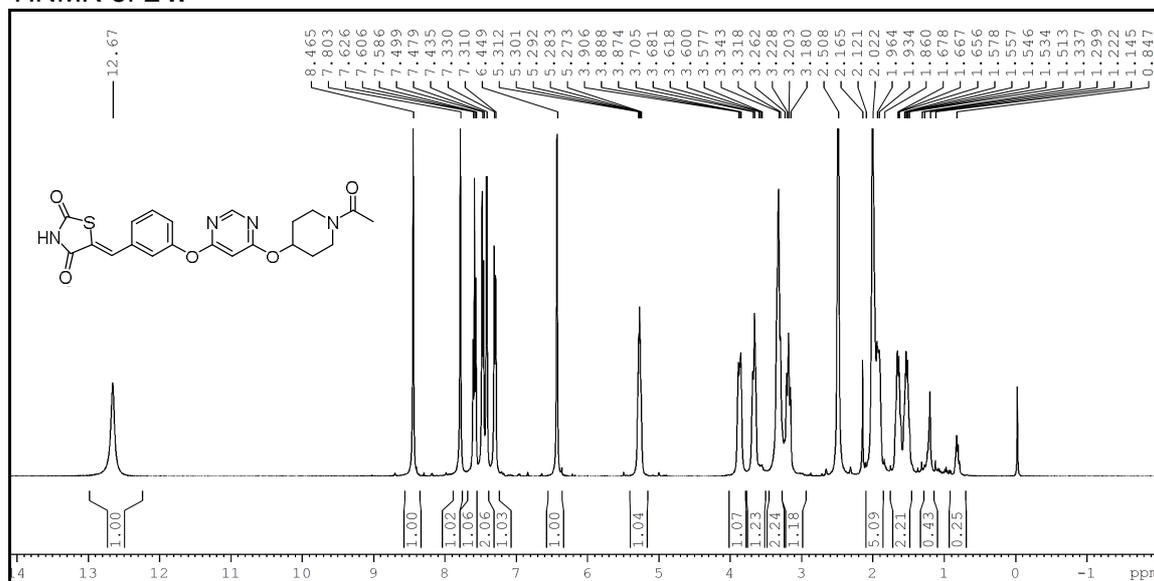


¹H NMR of 24e¹³C NMR of 24e

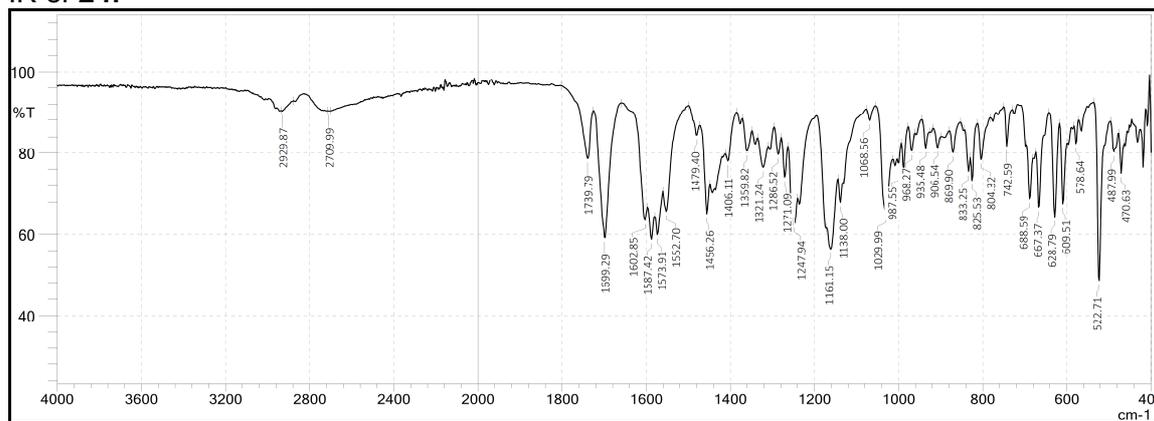
IR of 24e



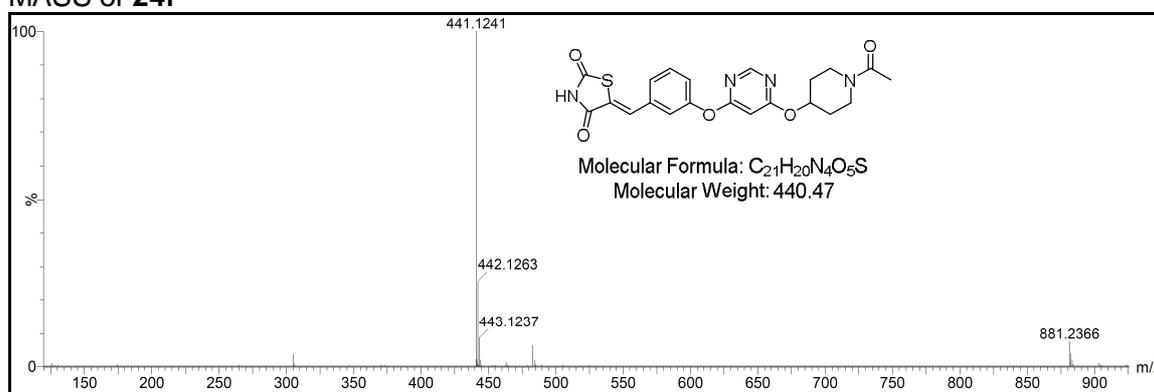
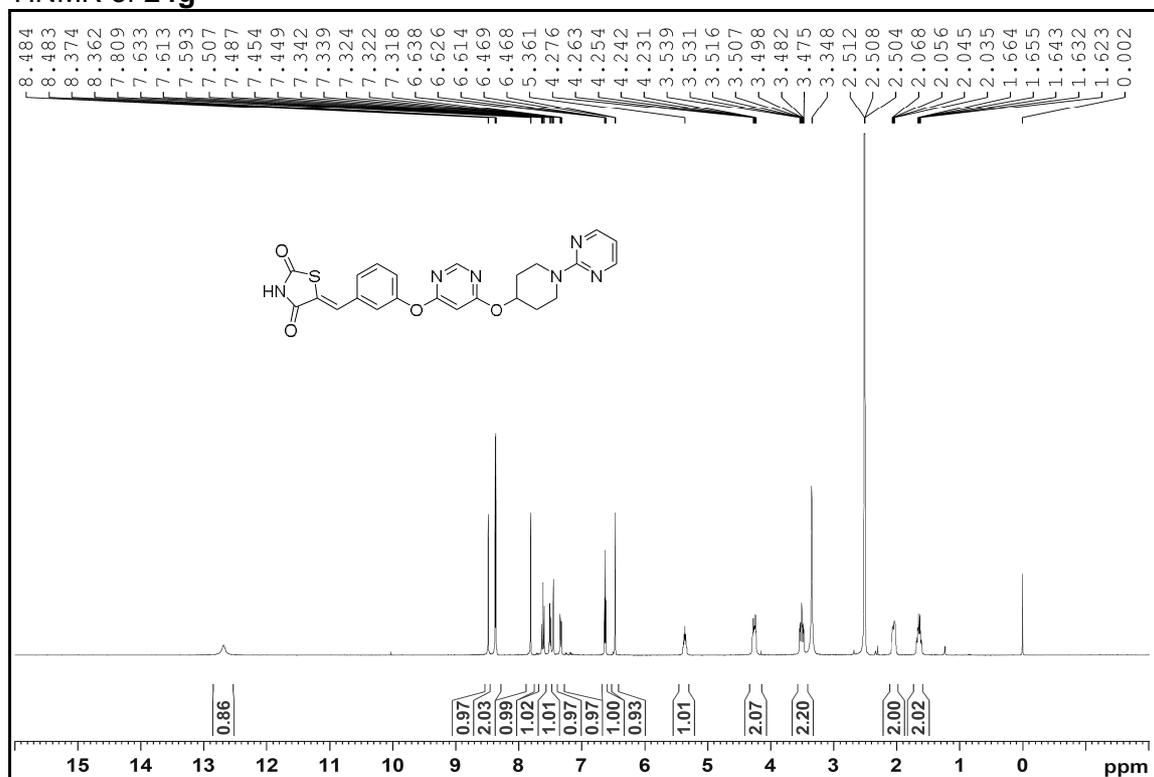
MASS of 24e

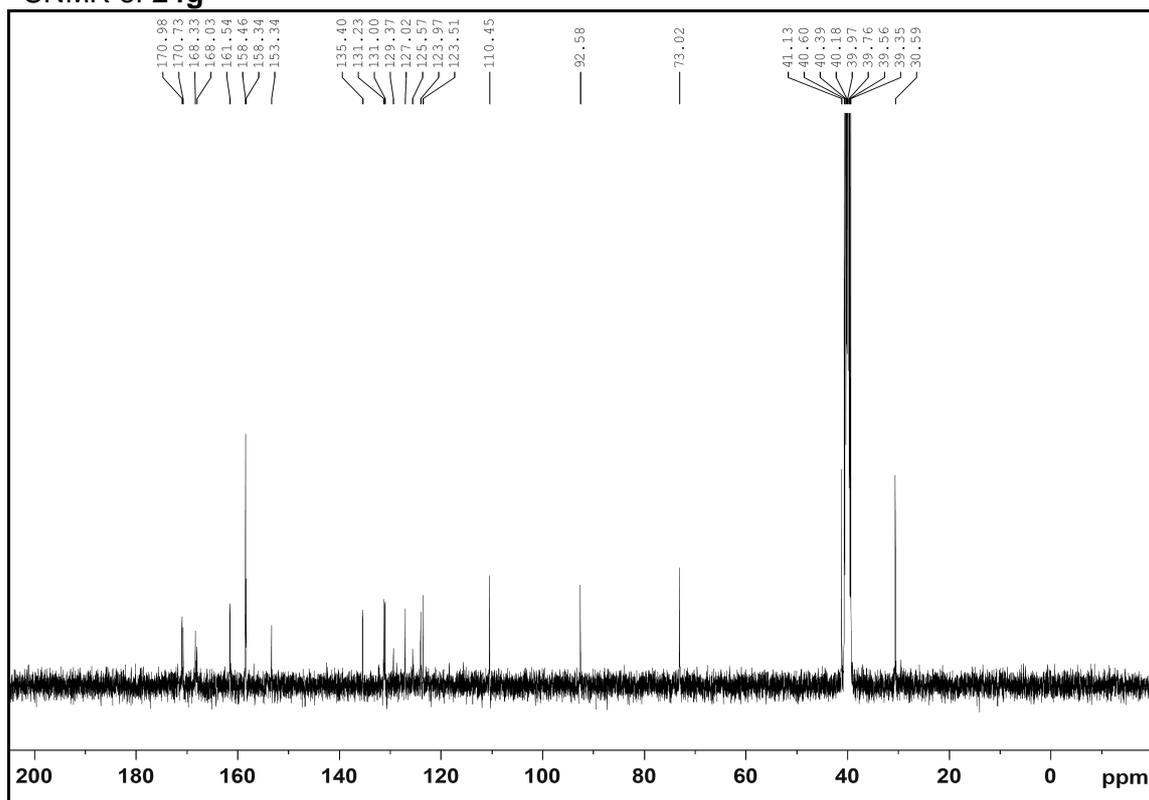
¹HNMR of 24f

IR of 24f

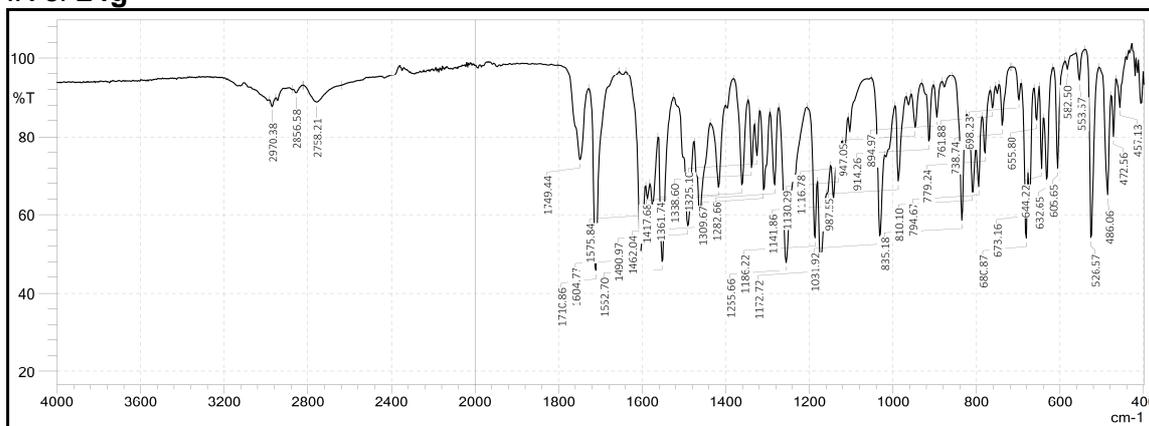


MASS of 24f

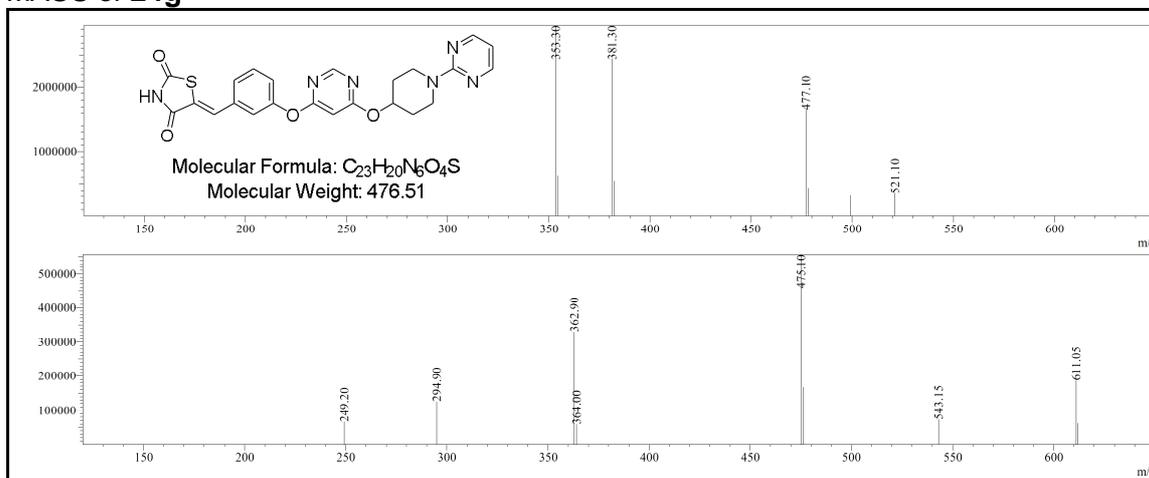
¹H NMR of 24g

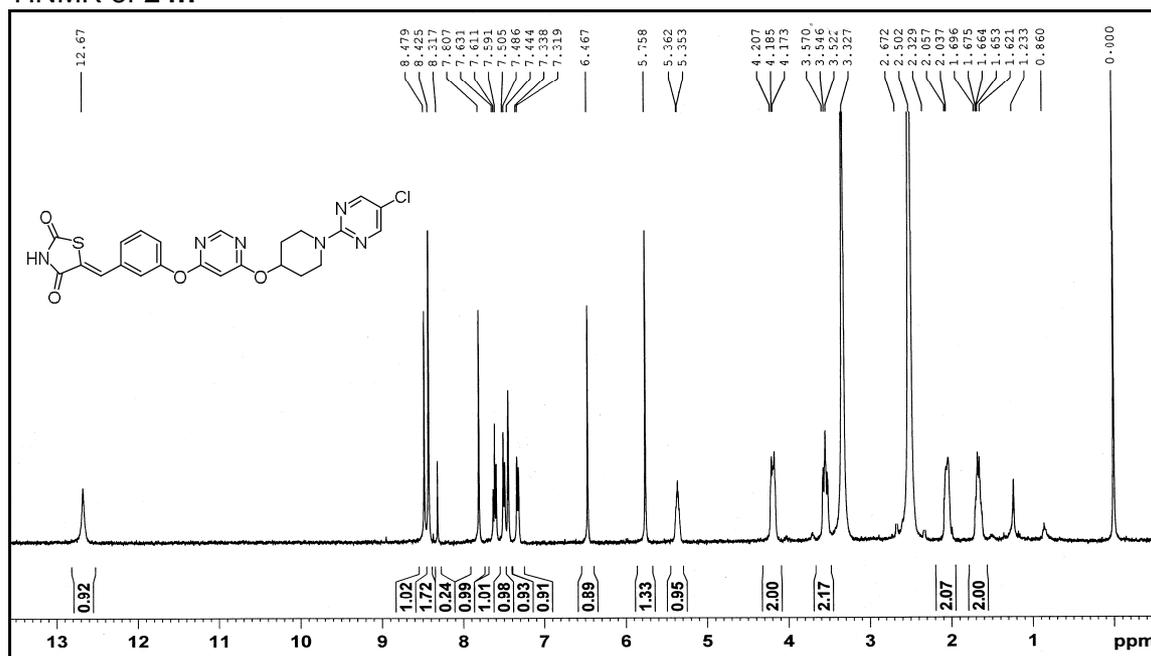
¹³CNMR of 24g

IR of 24g

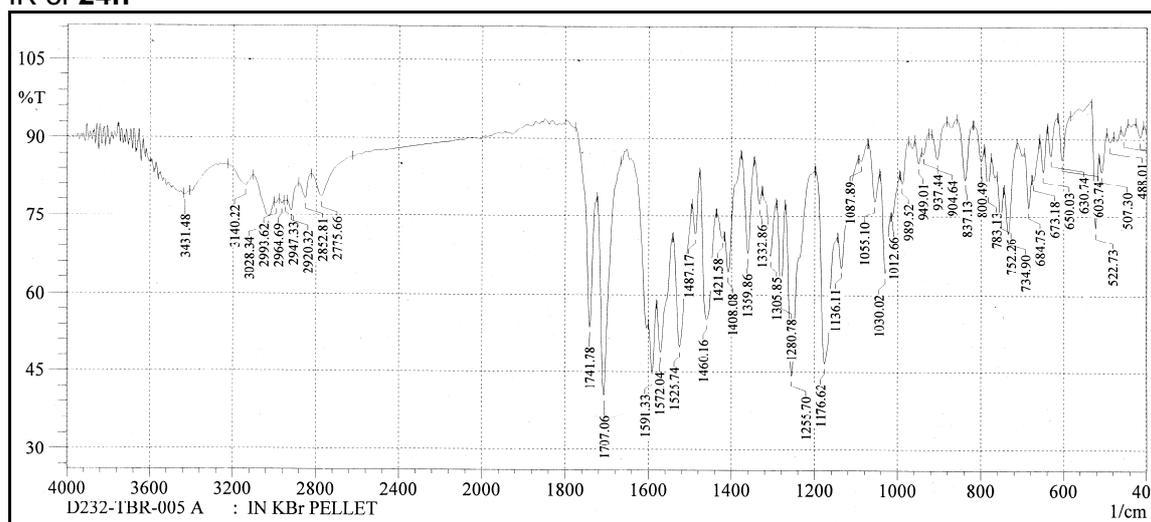


MASS of 24g

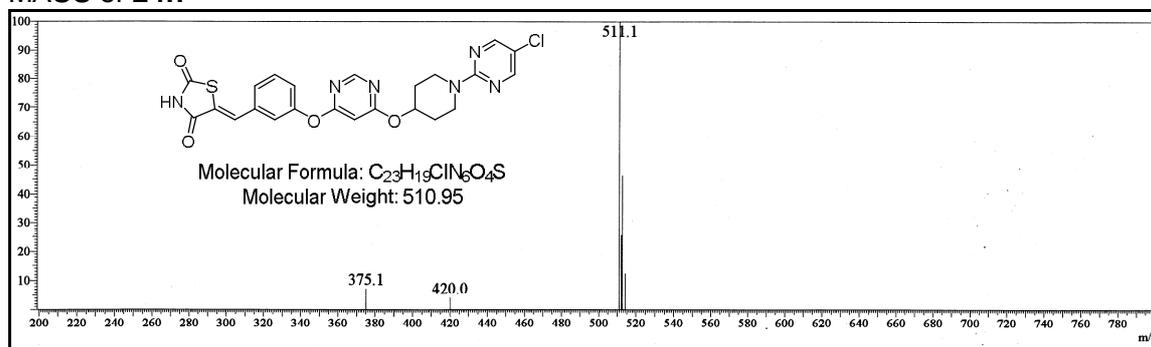


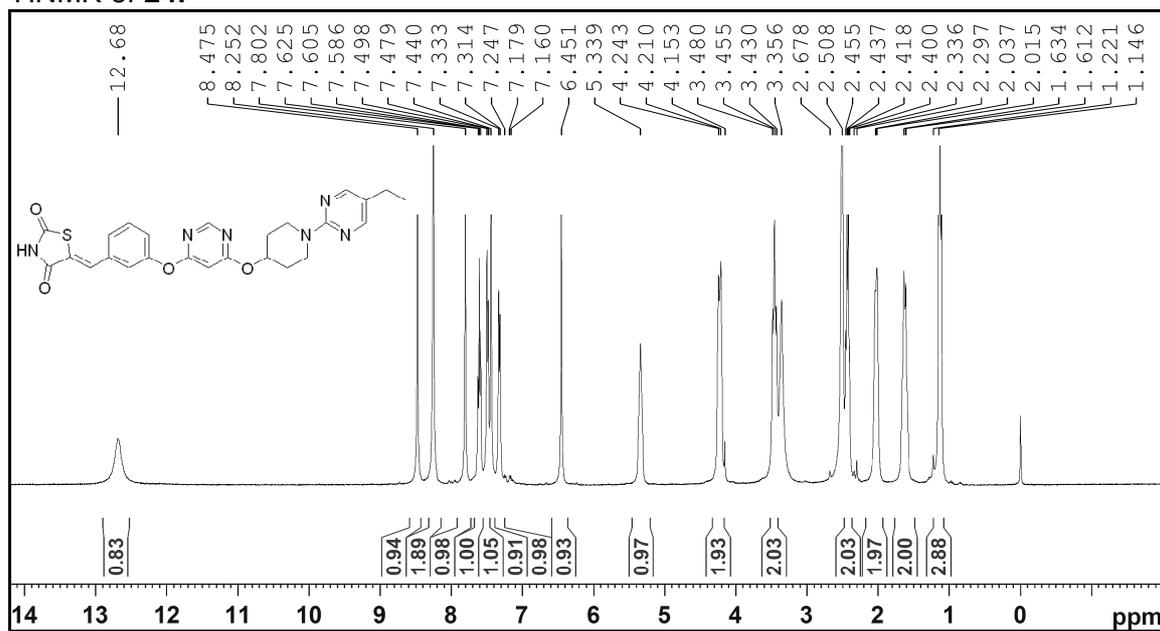
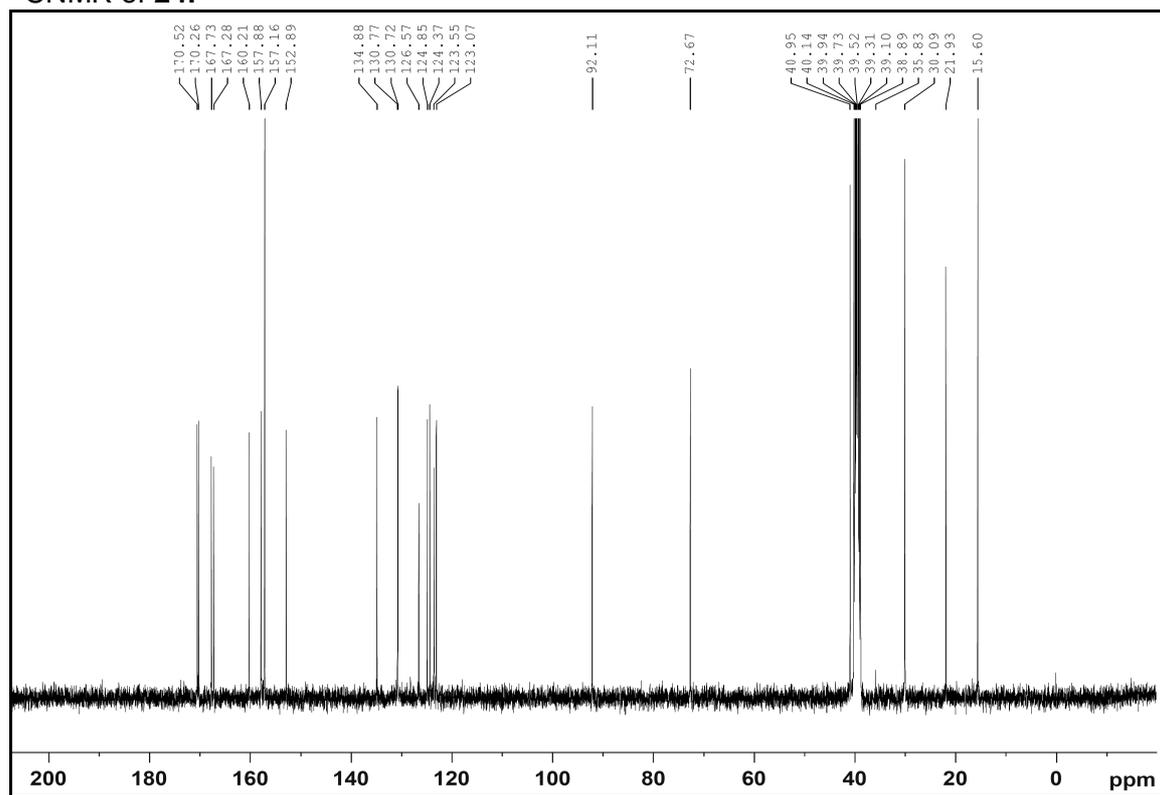
¹H NMR of 24h

IR of 24h

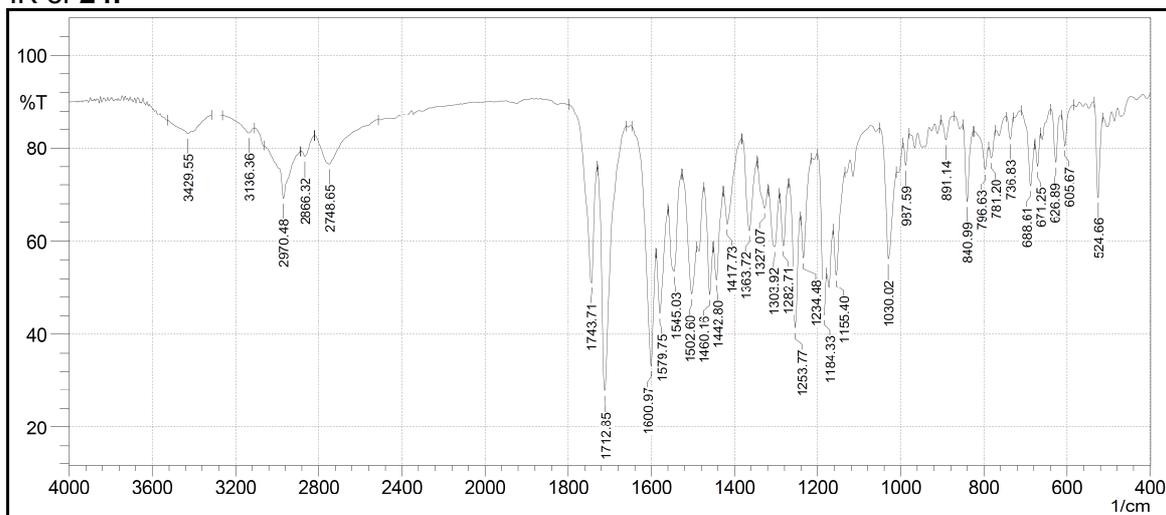


MASS of 24h

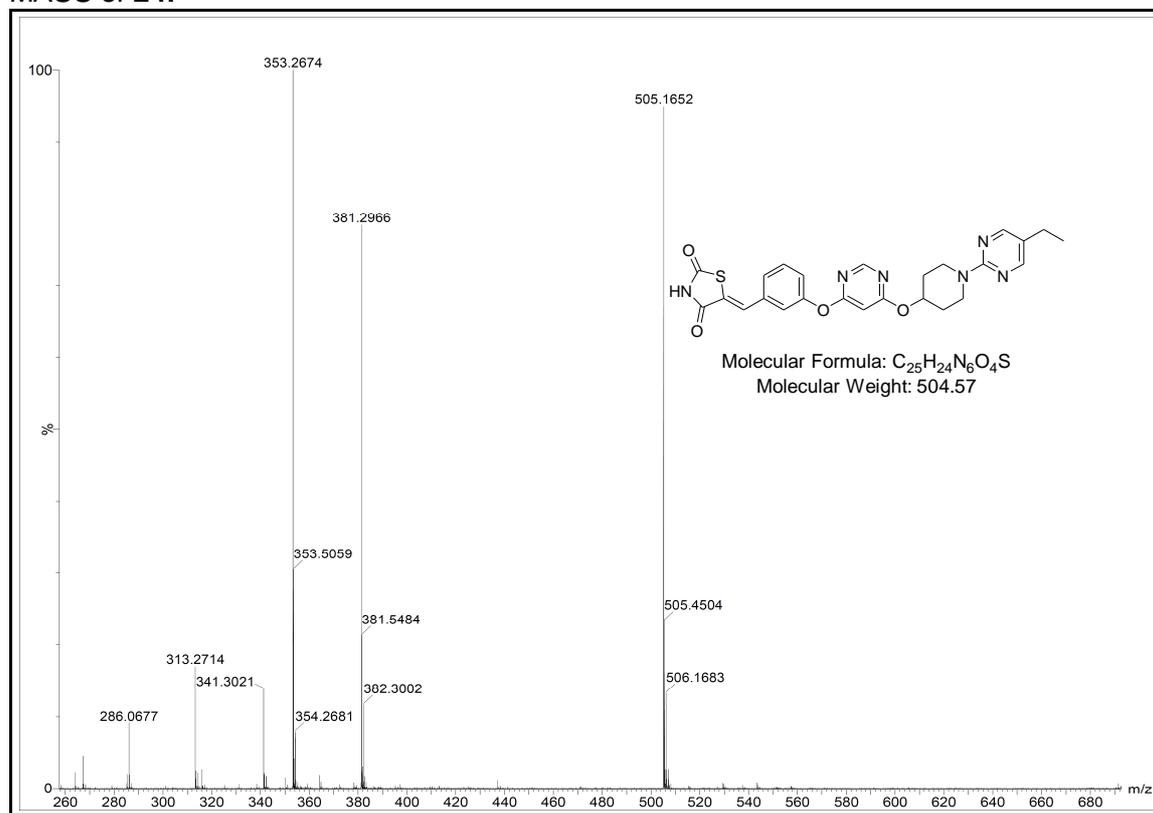


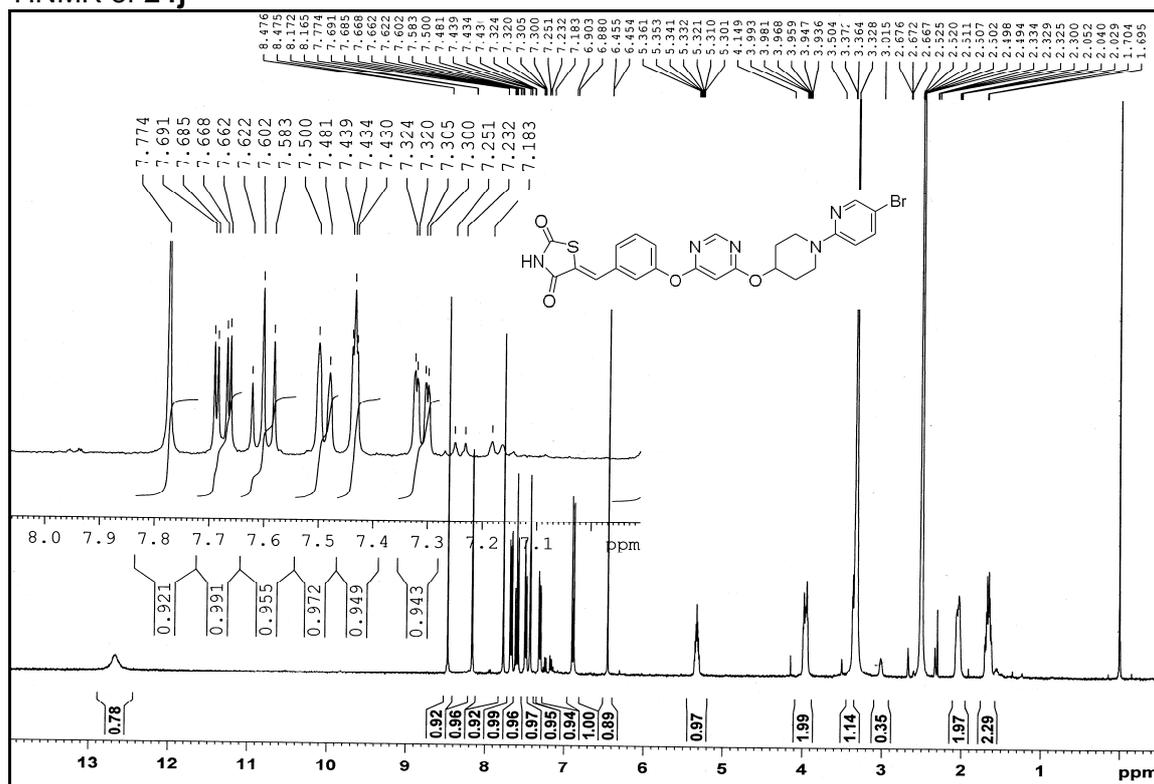
¹H NMR of 24i¹³C NMR of 24i

IR of 24i

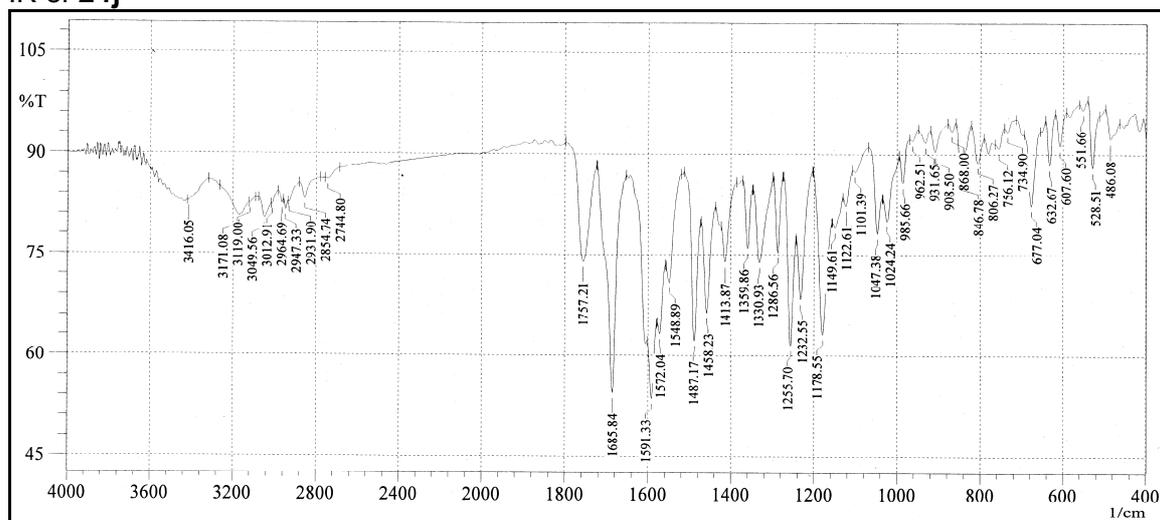


MASS of 24i

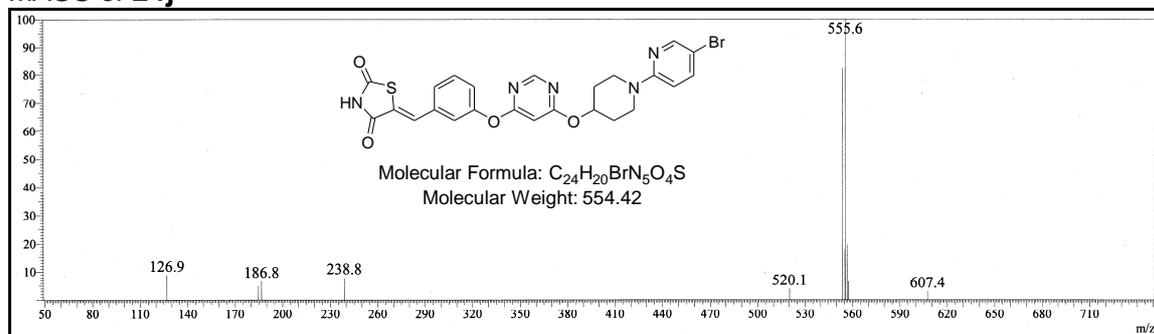


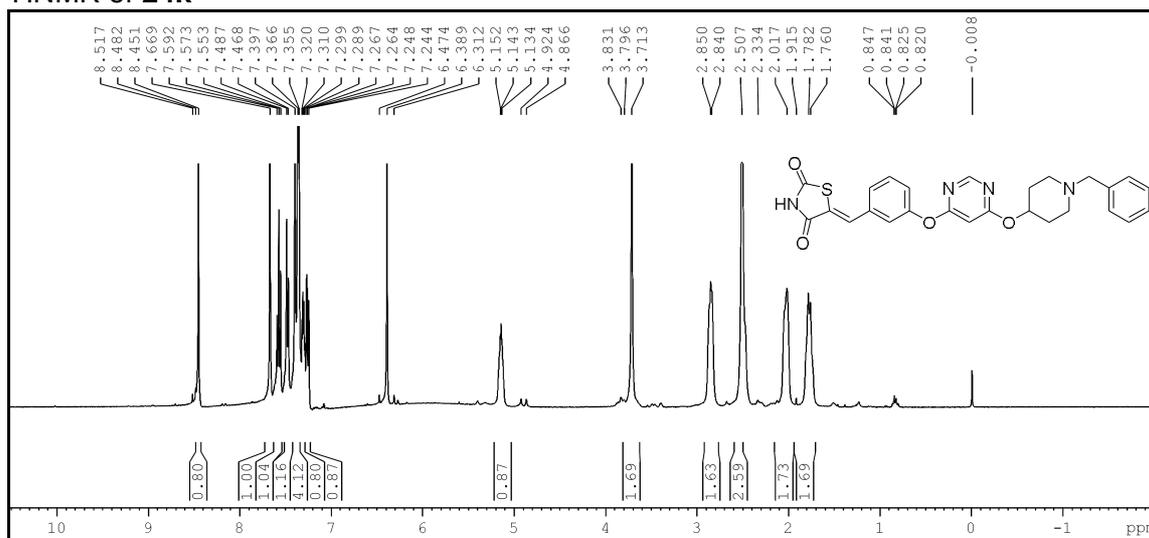
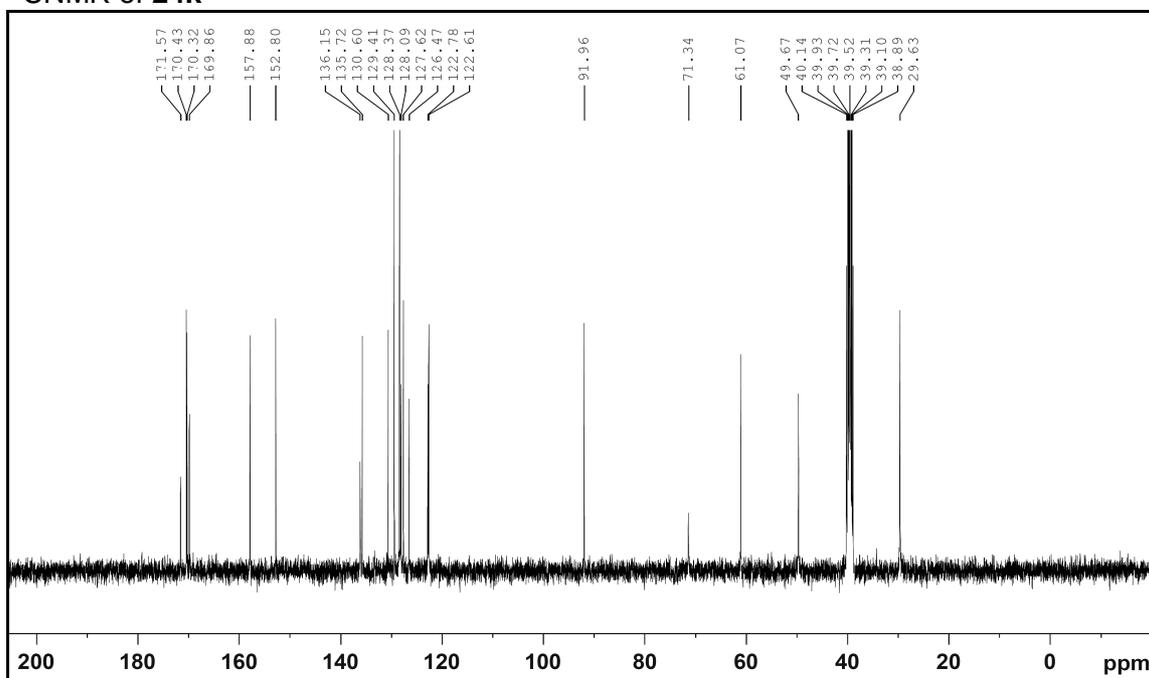
¹H NMR of 24j

IR of 24j

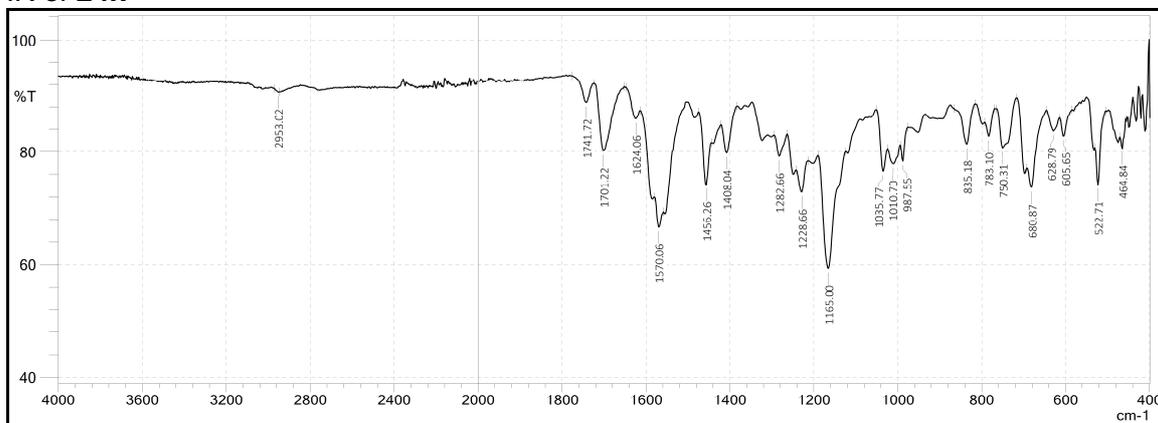


MASS of 24j

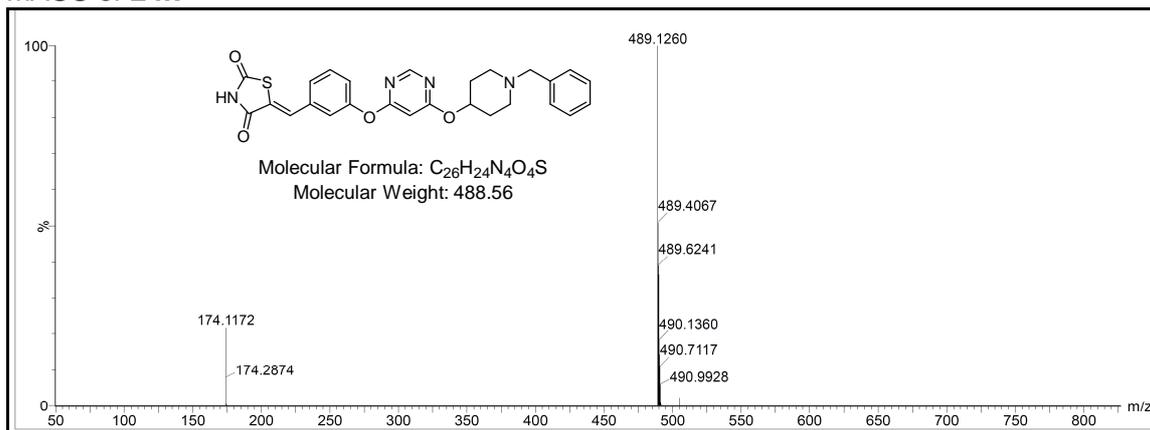
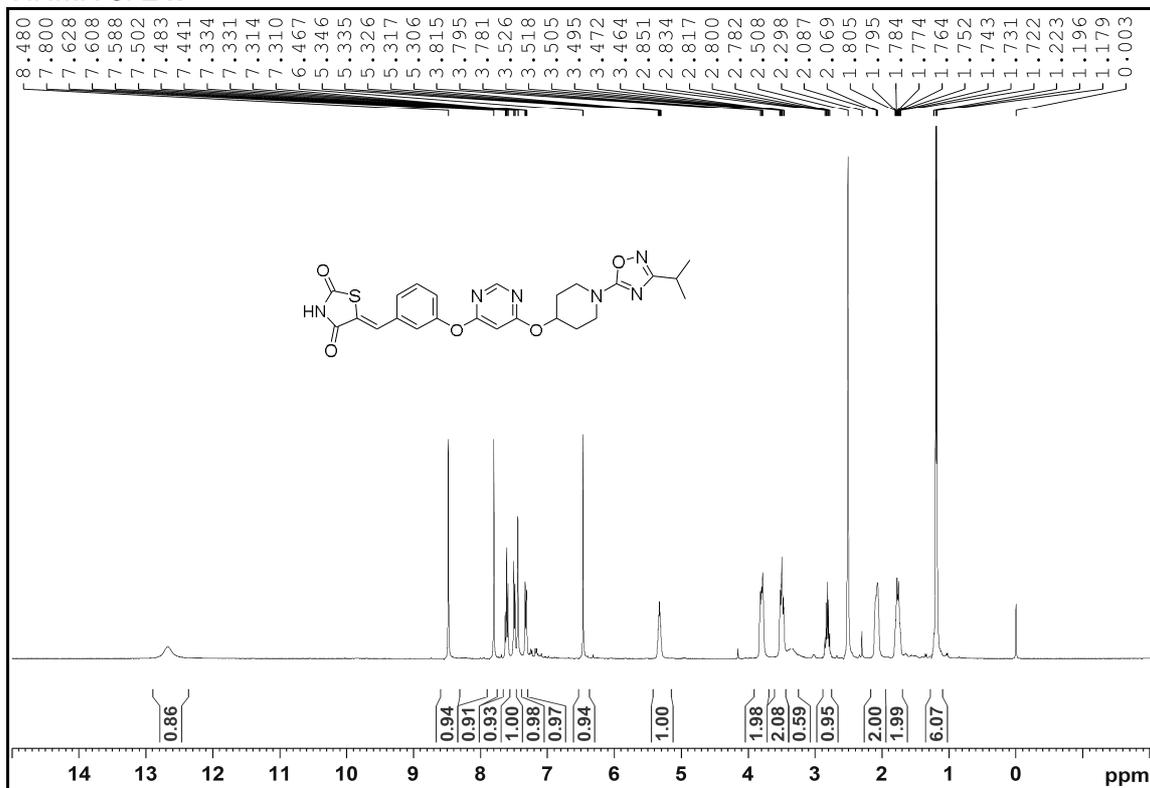


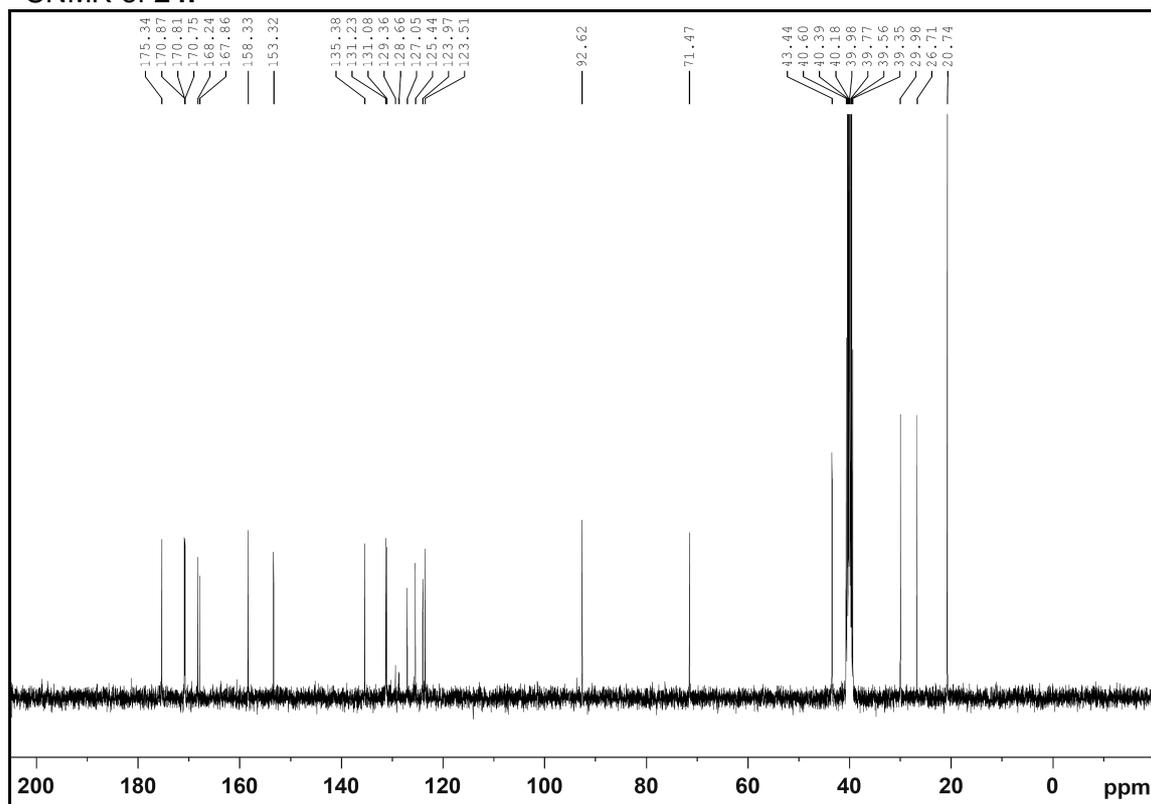
¹H NMR of 24k¹³C NMR of 24k

IR of 24k

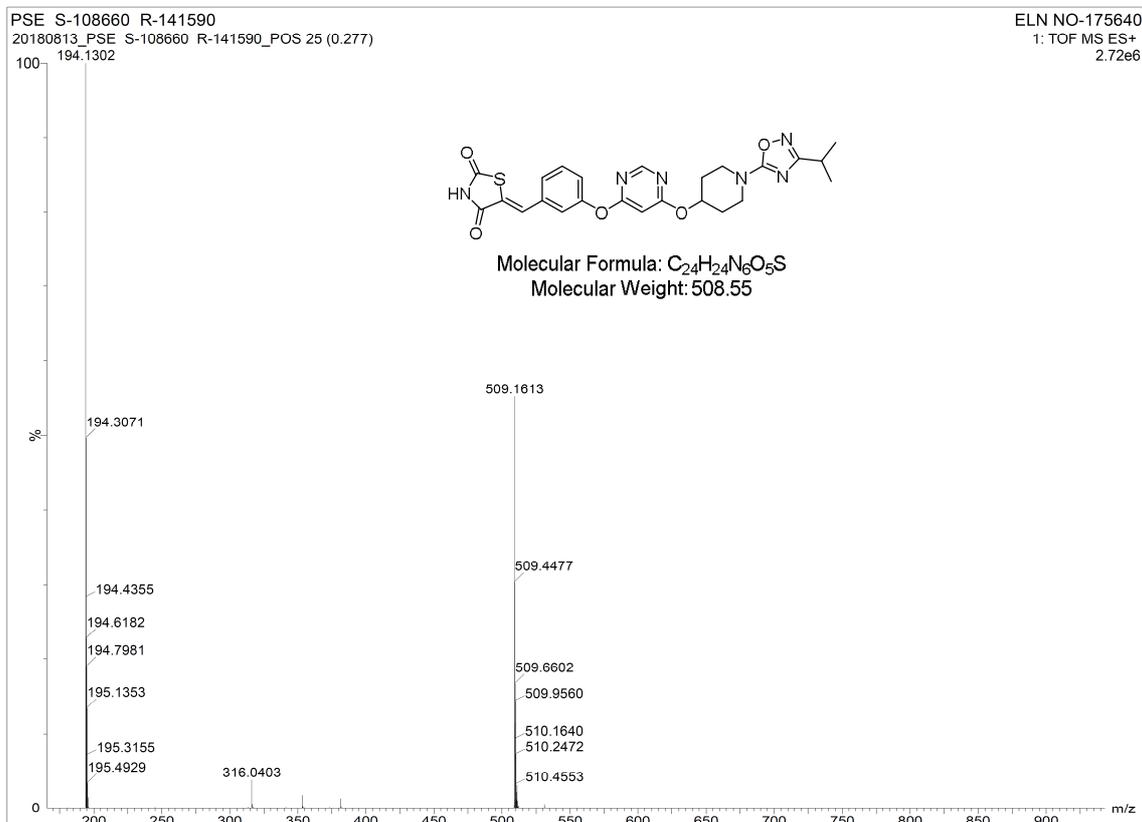


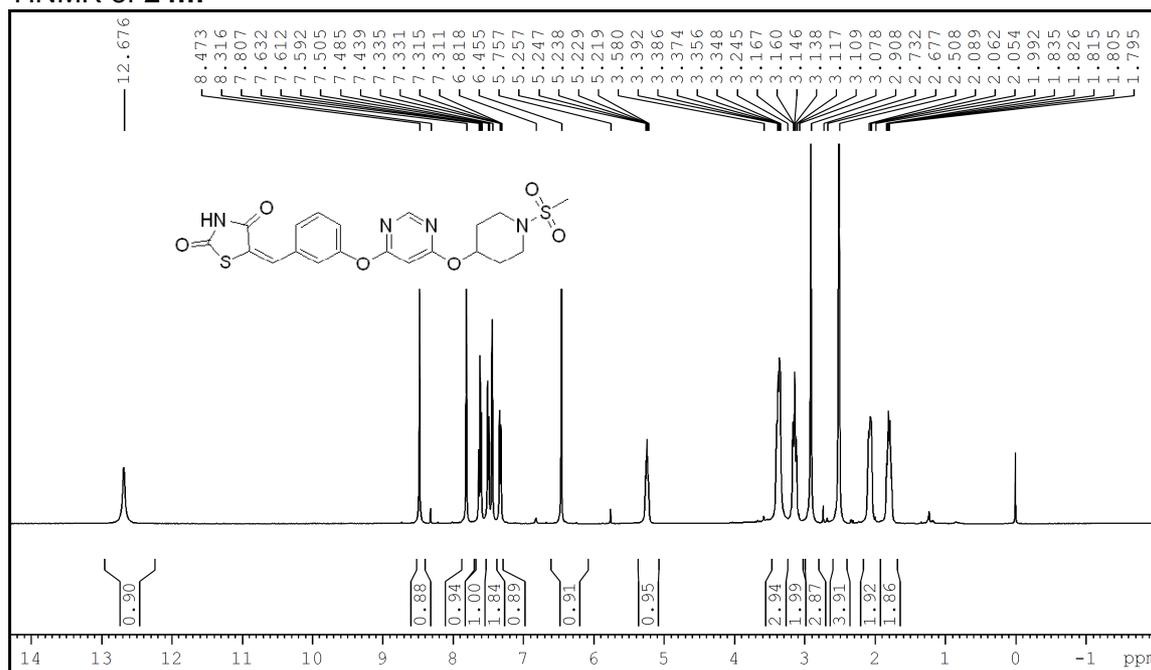
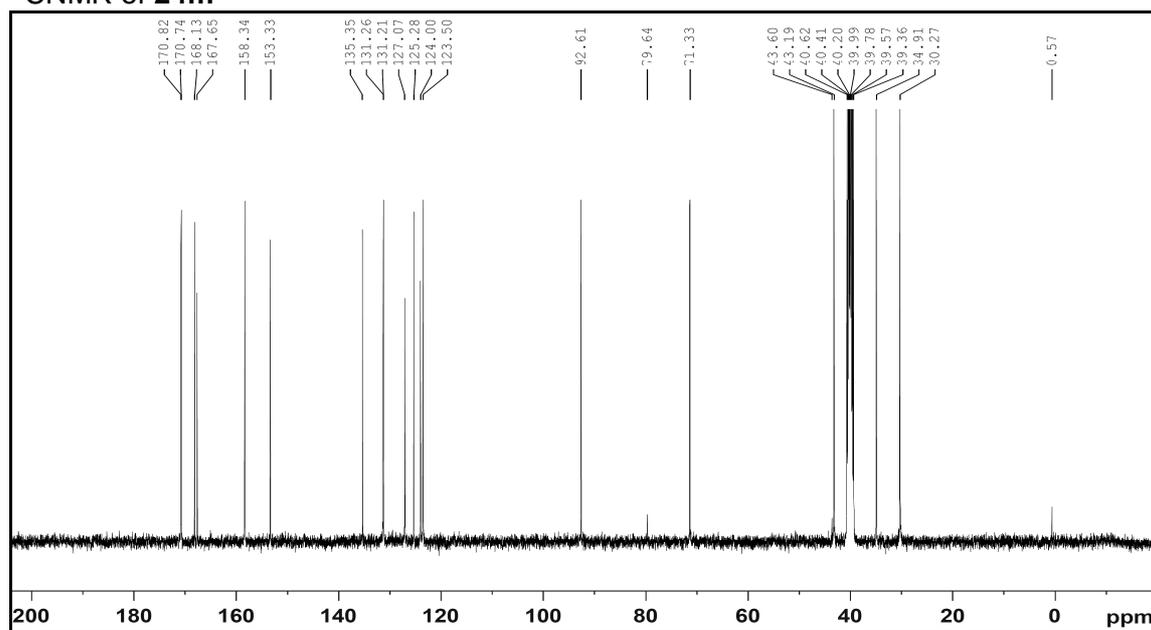
MASS of 24k

 1H NMR of 24I

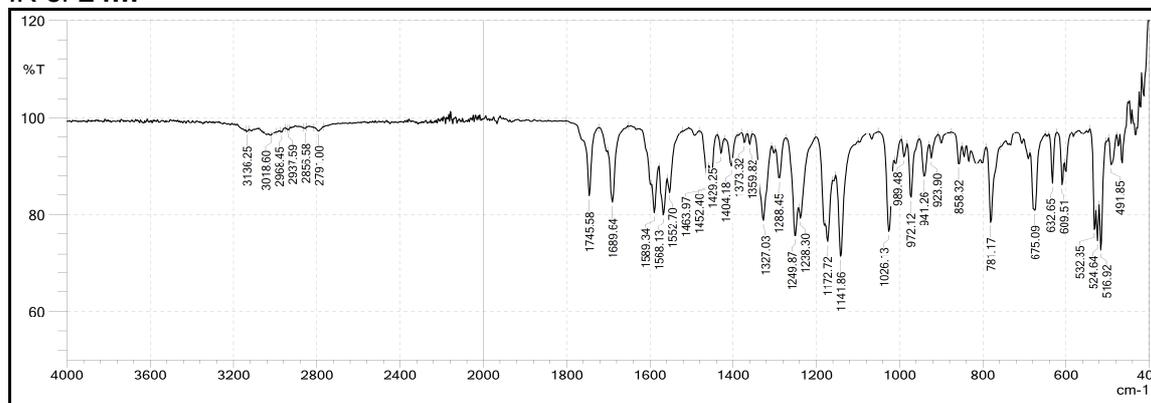
¹³CNMR of 24I

MASS of 24I

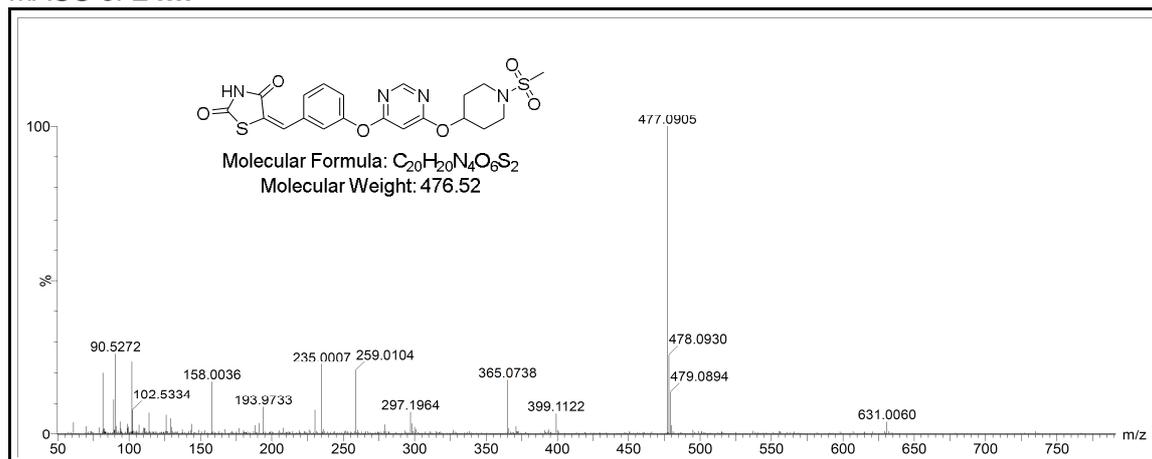
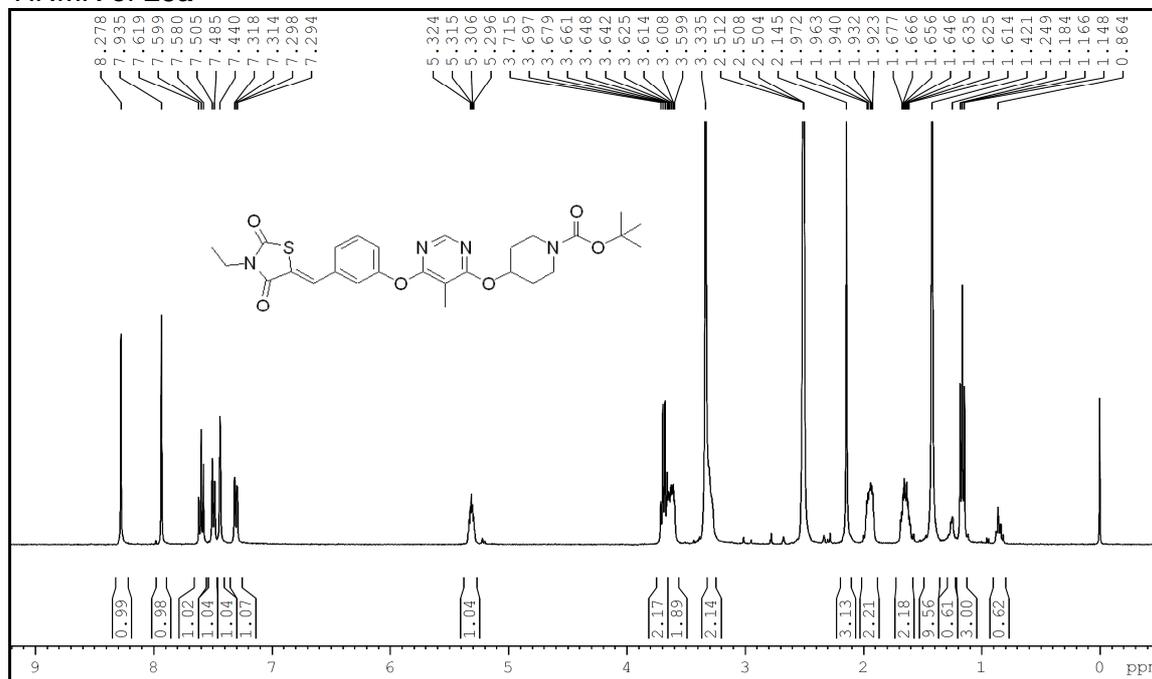
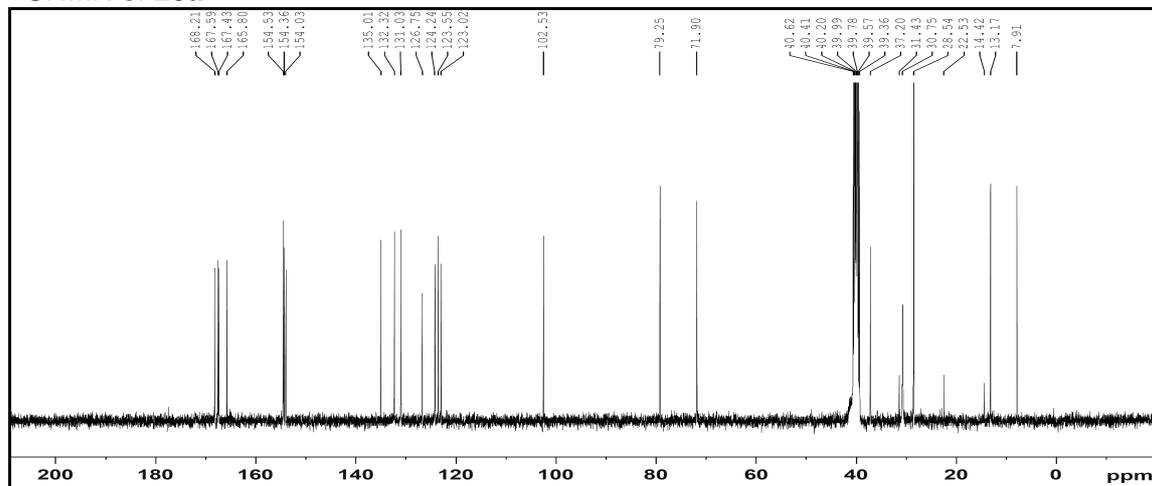


¹H NMR of 24m¹³C NMR of 24m

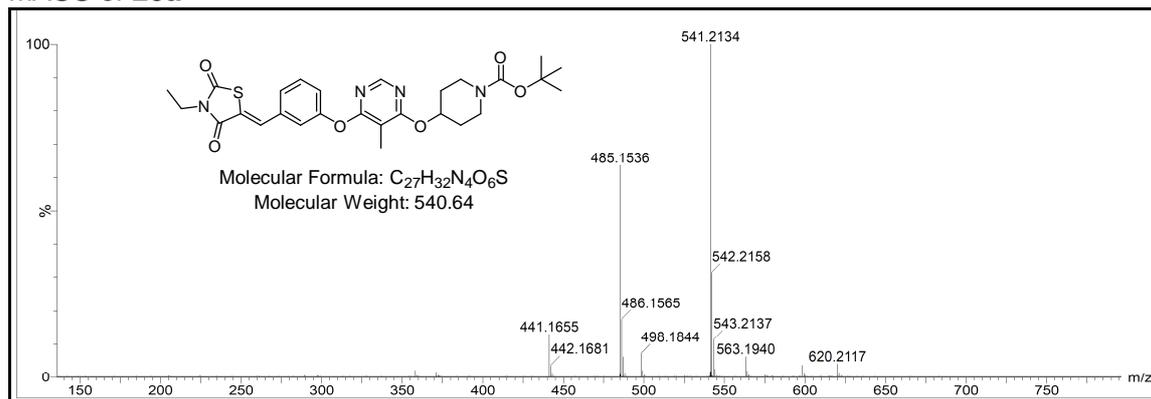
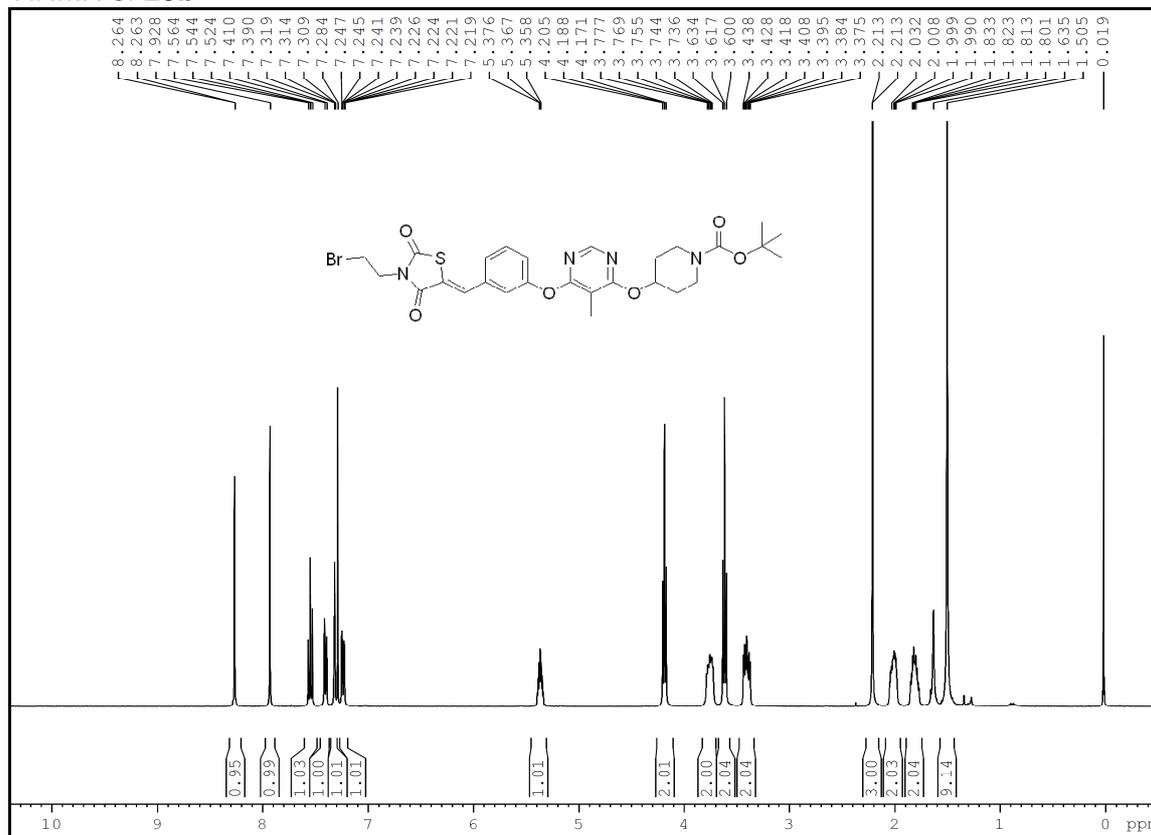
IR of 24m

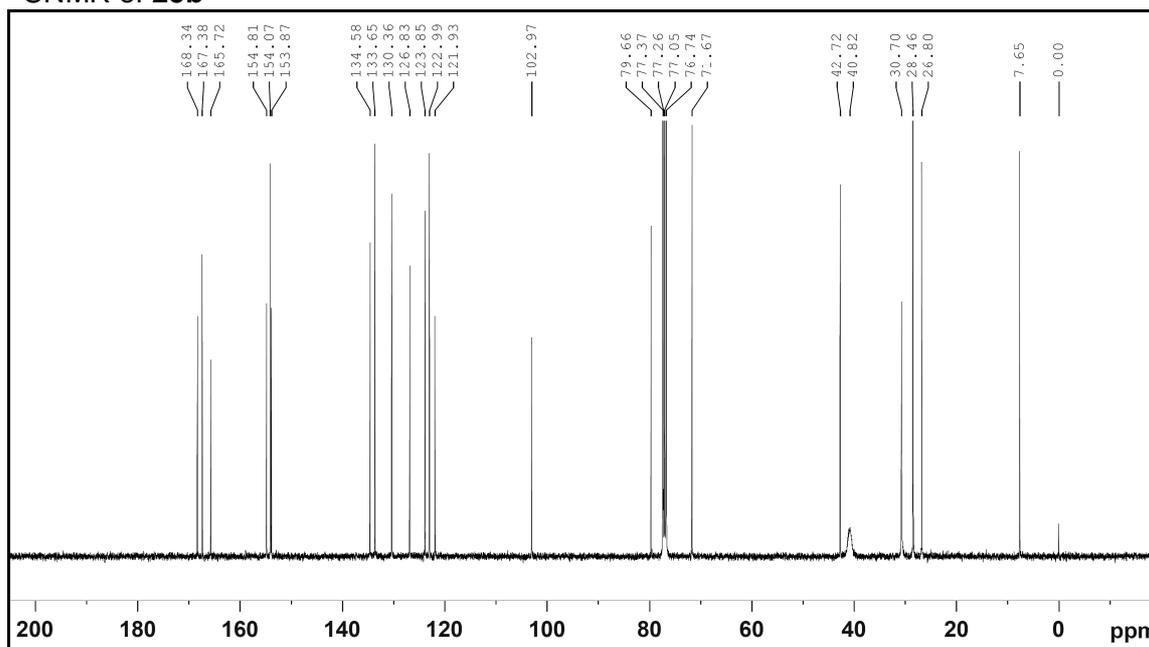


MASS of 24m

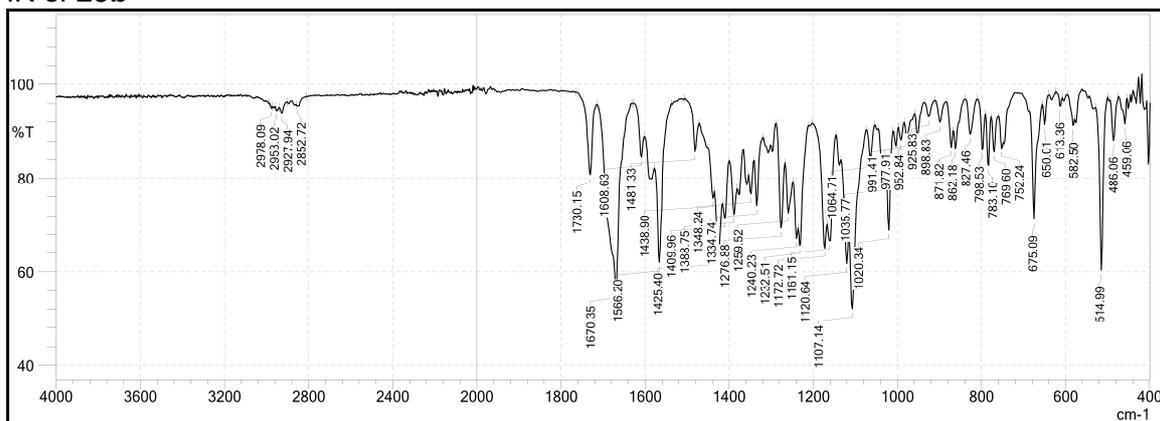
 1H NMR of 25a ^{13}C NMR of 25a

MASS of 25a

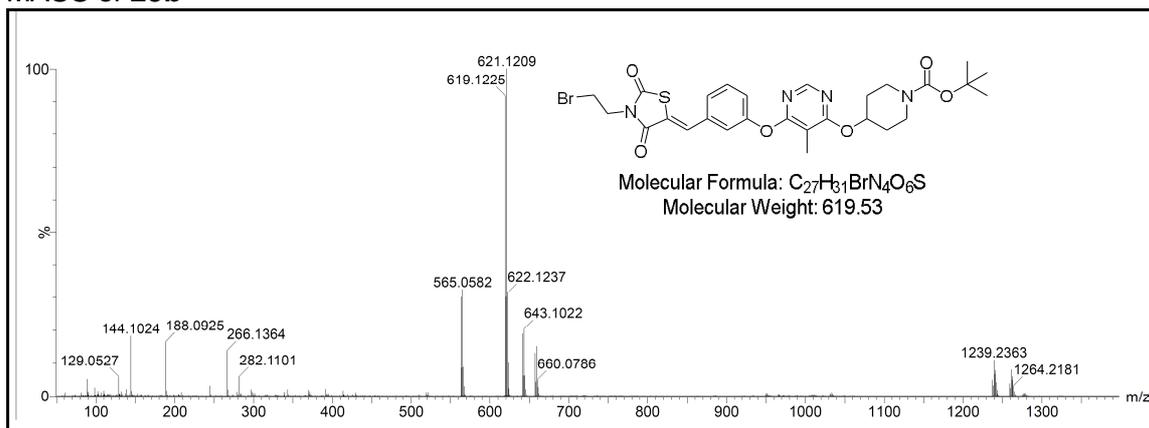
 ^1H NMR of 25b

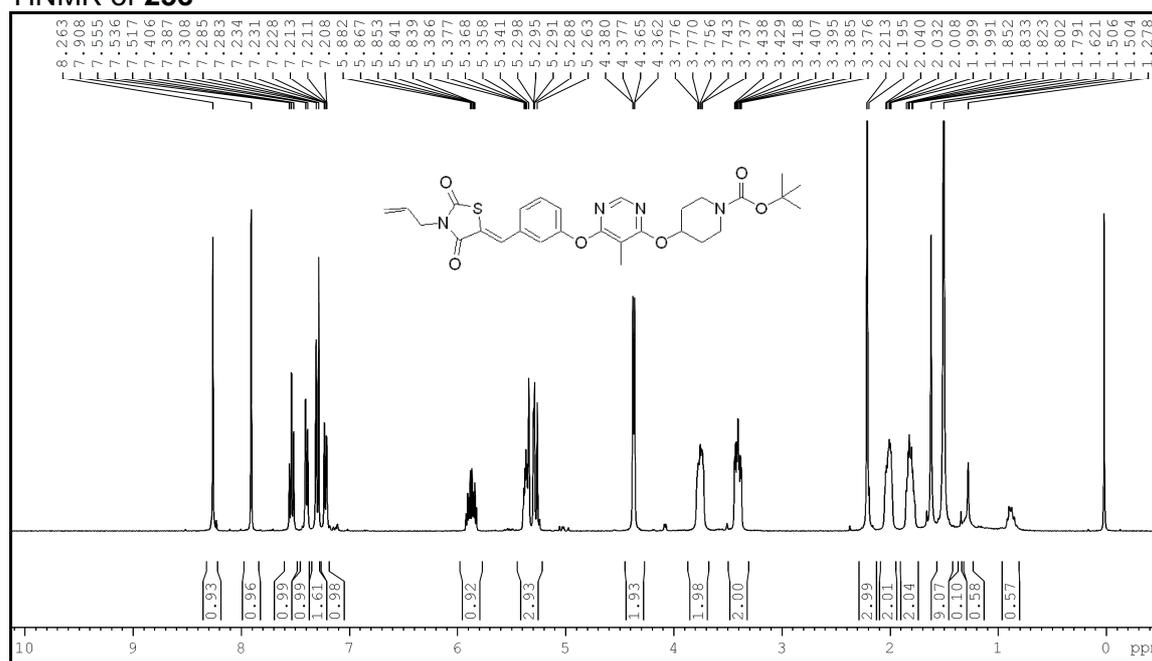
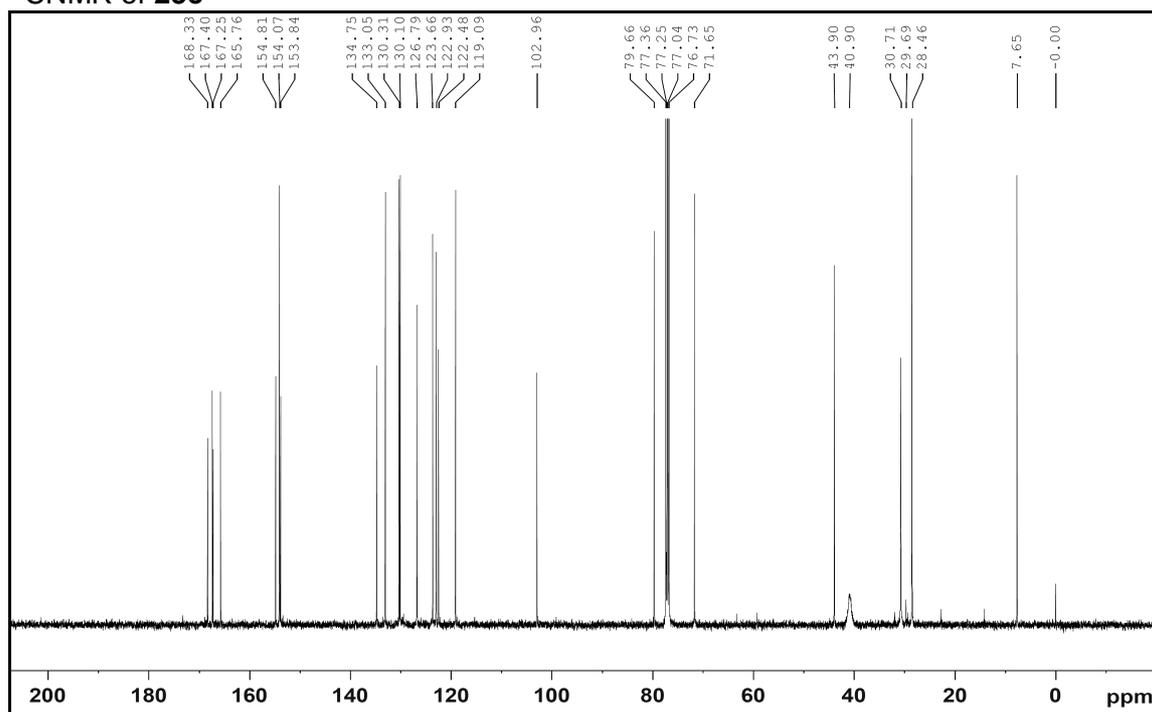
¹³CNMR of 25b

IR of 25b

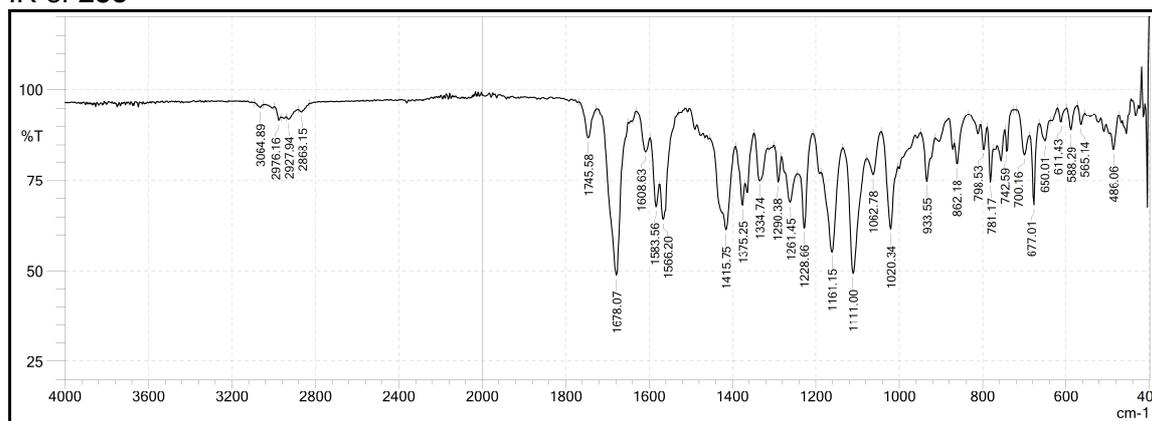


MASS of 25b

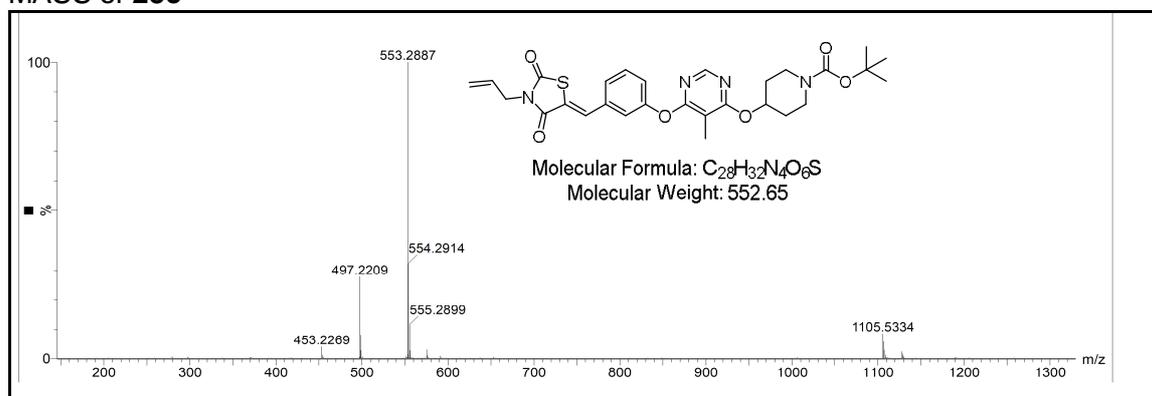
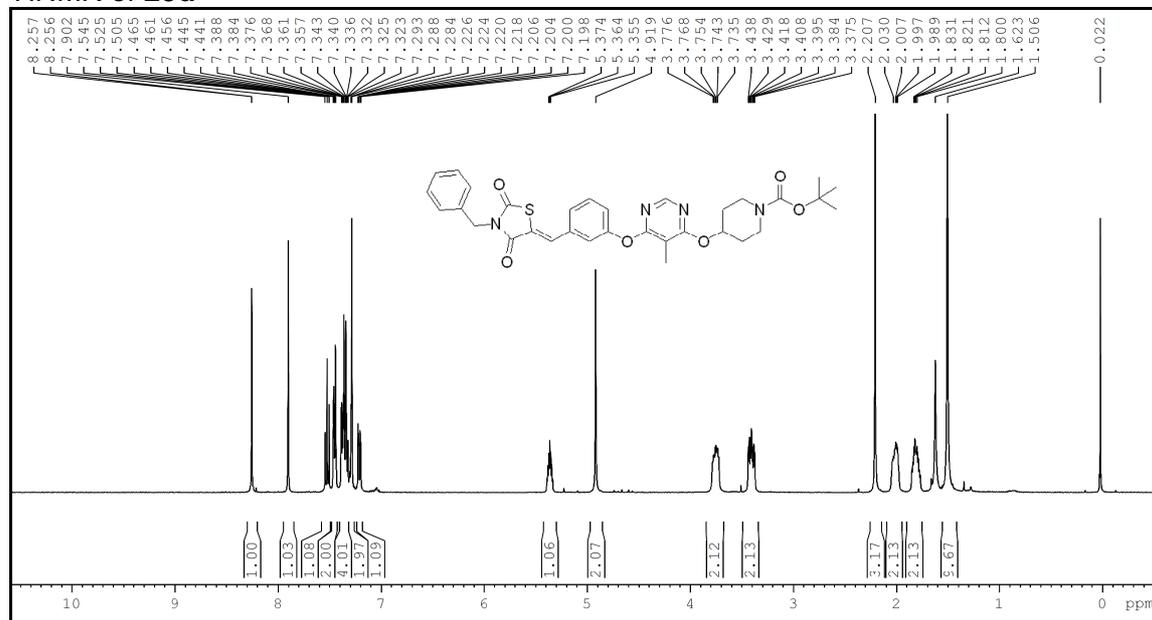


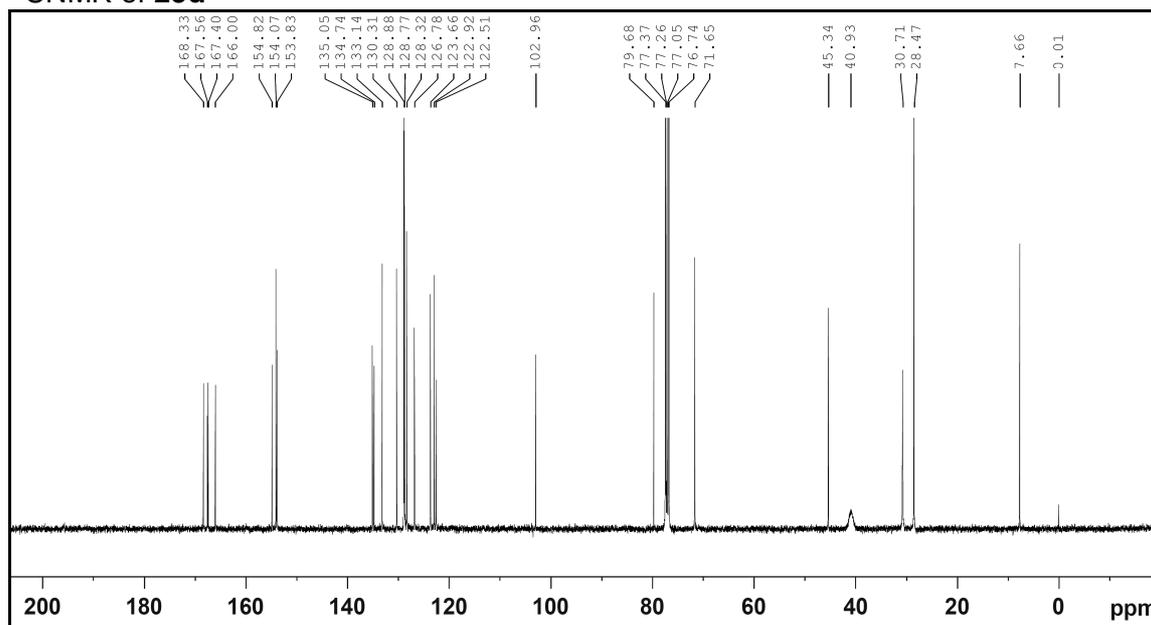
¹H NMR of 25c¹³C NMR of 25c

IR of 25c

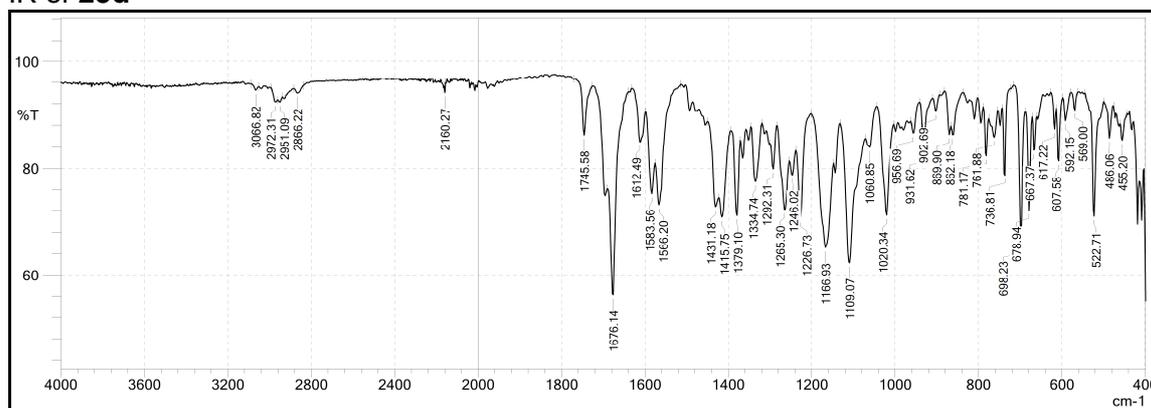


MASS of 25c

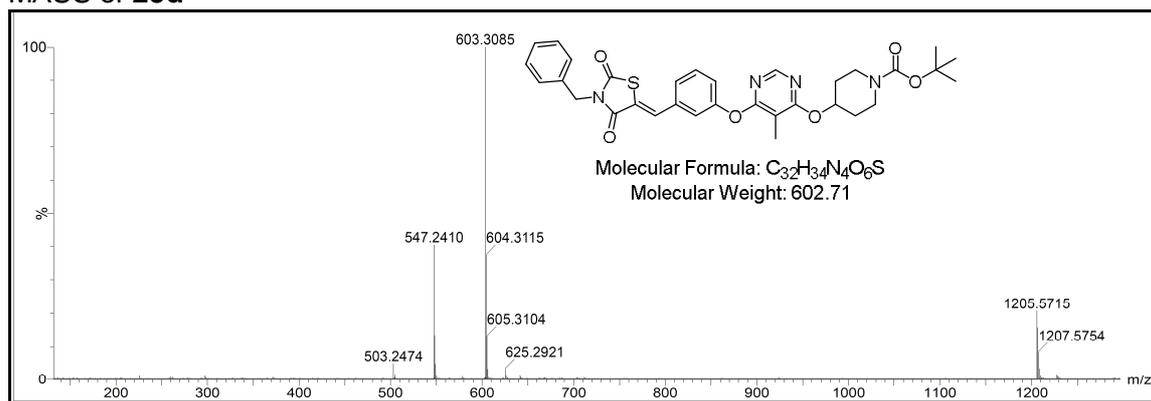
¹H NMR of 25d

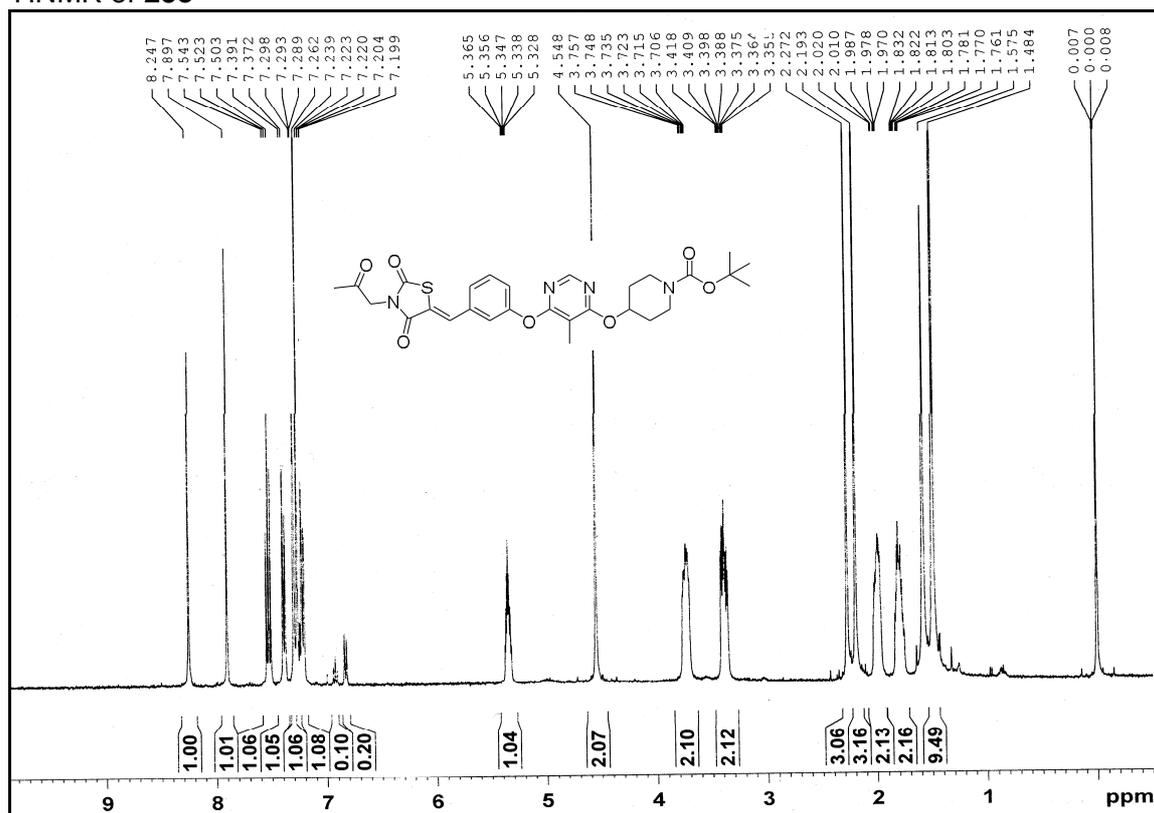
¹³CNMR of 25d

IR of 25d

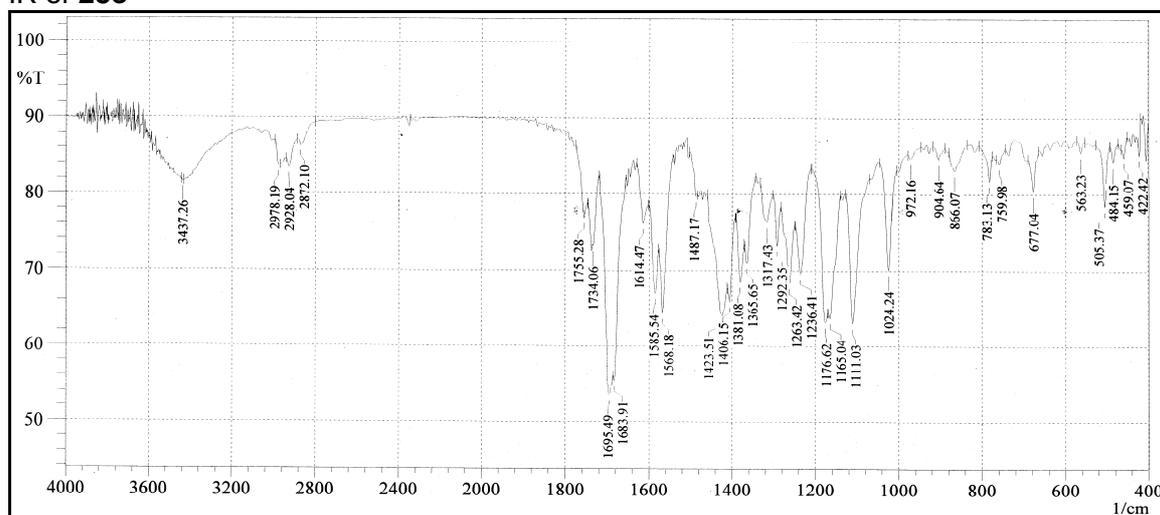


MASS of 25d

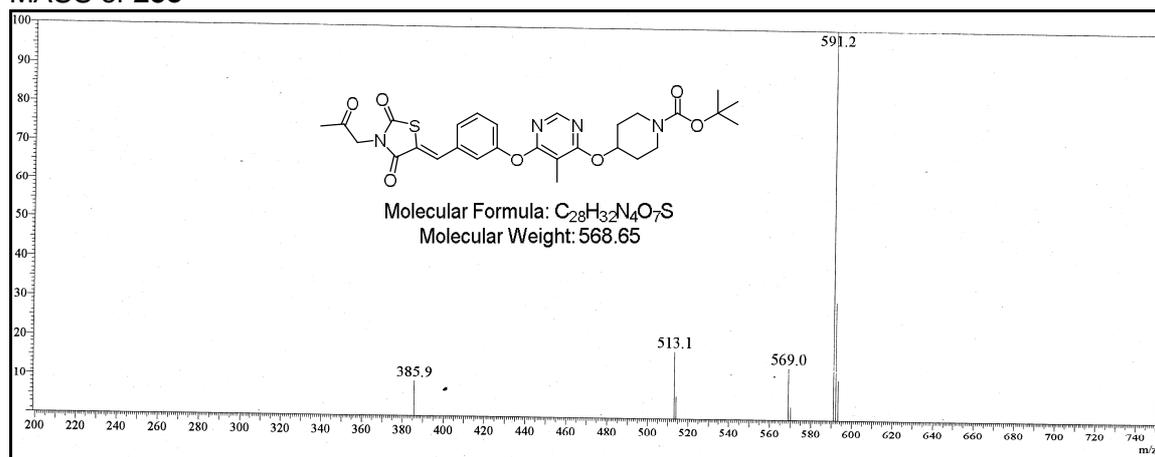
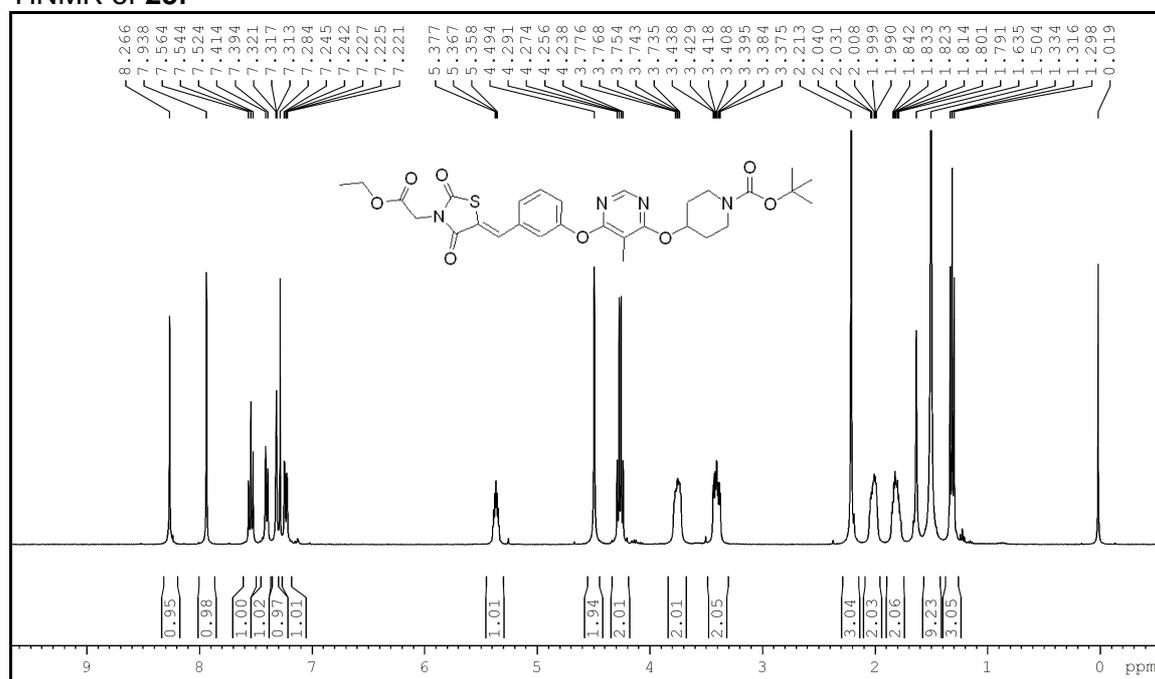
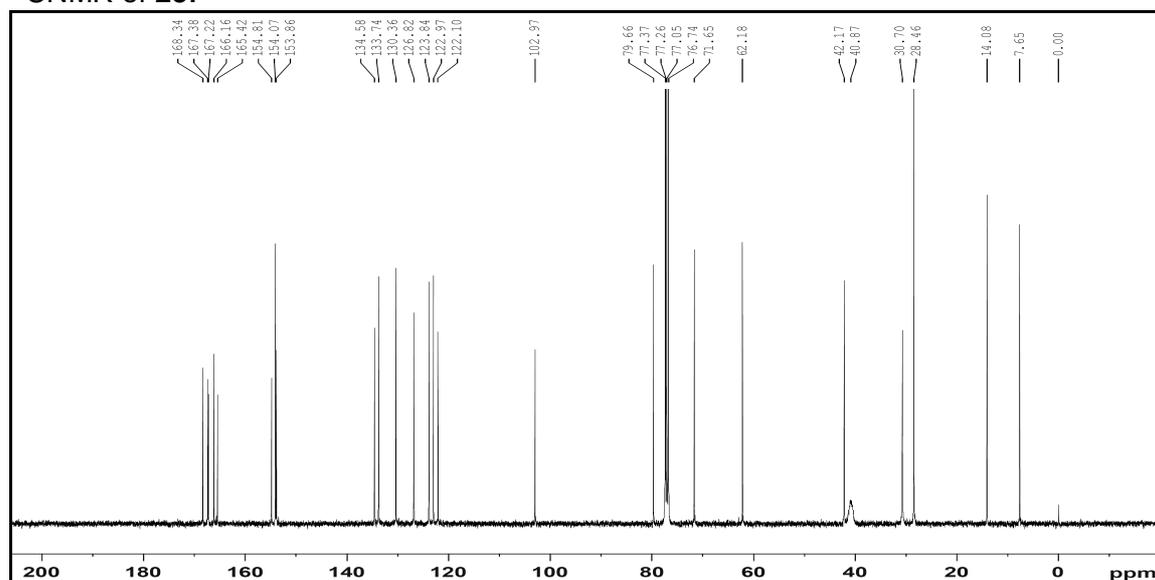


¹H NMR of 25e

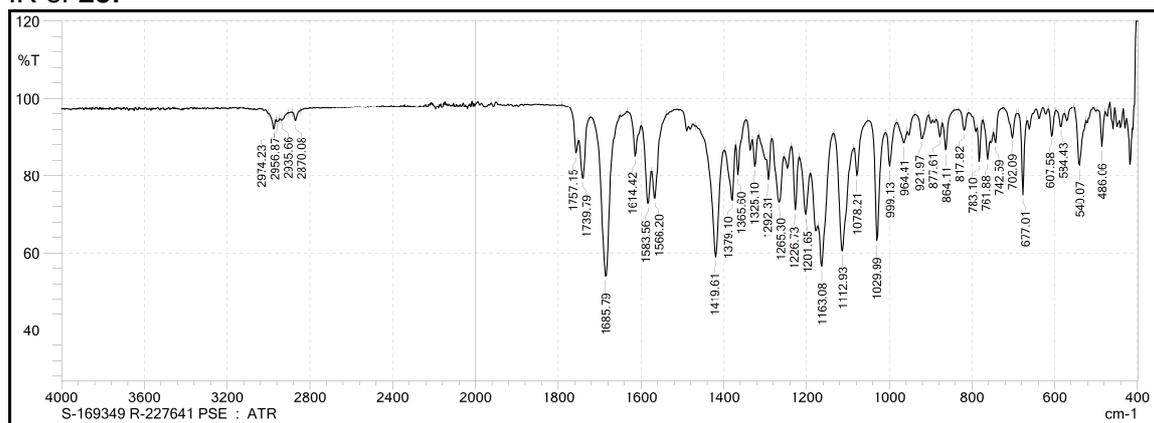
IR of 25e



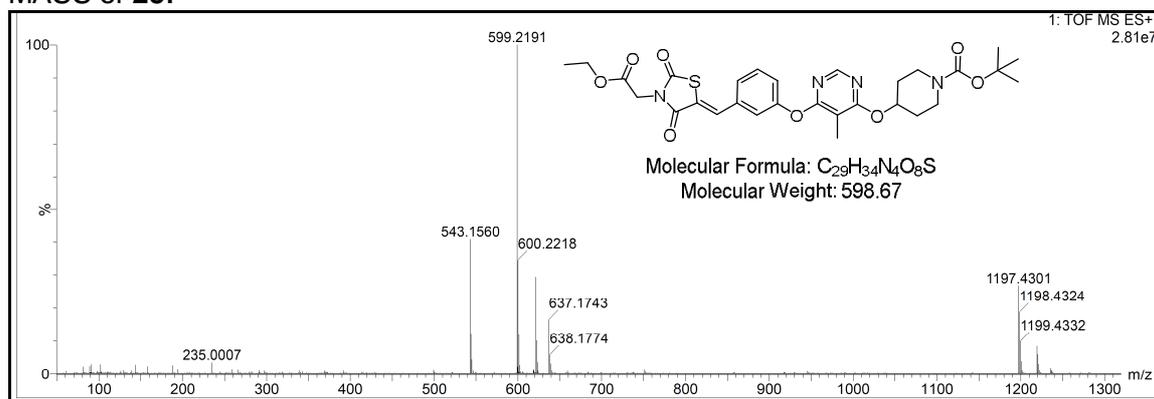
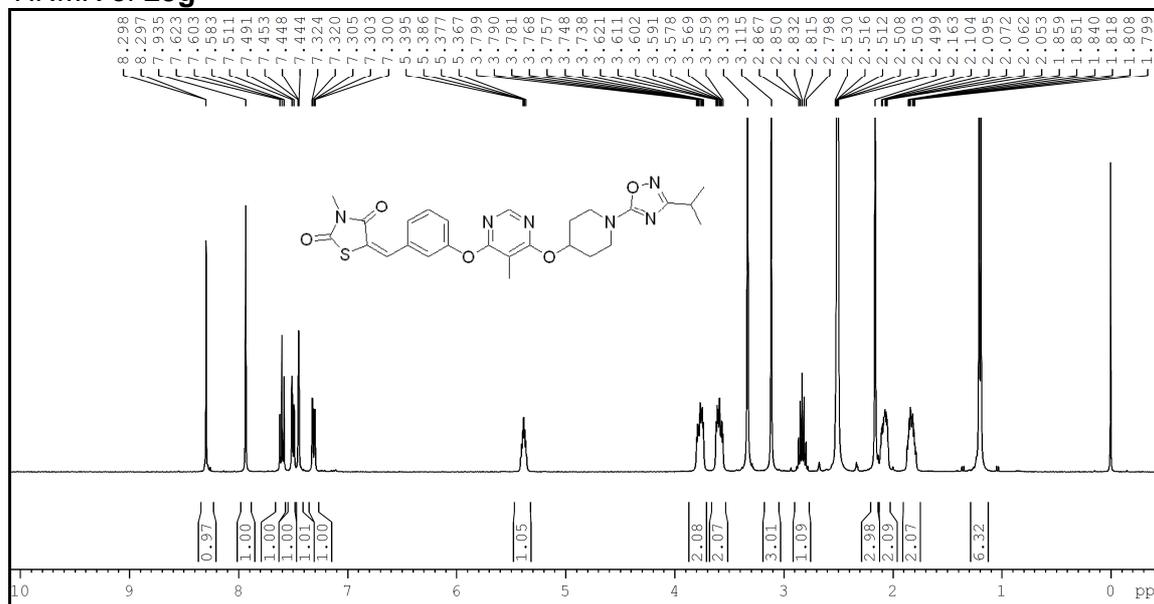
MASS of 25e

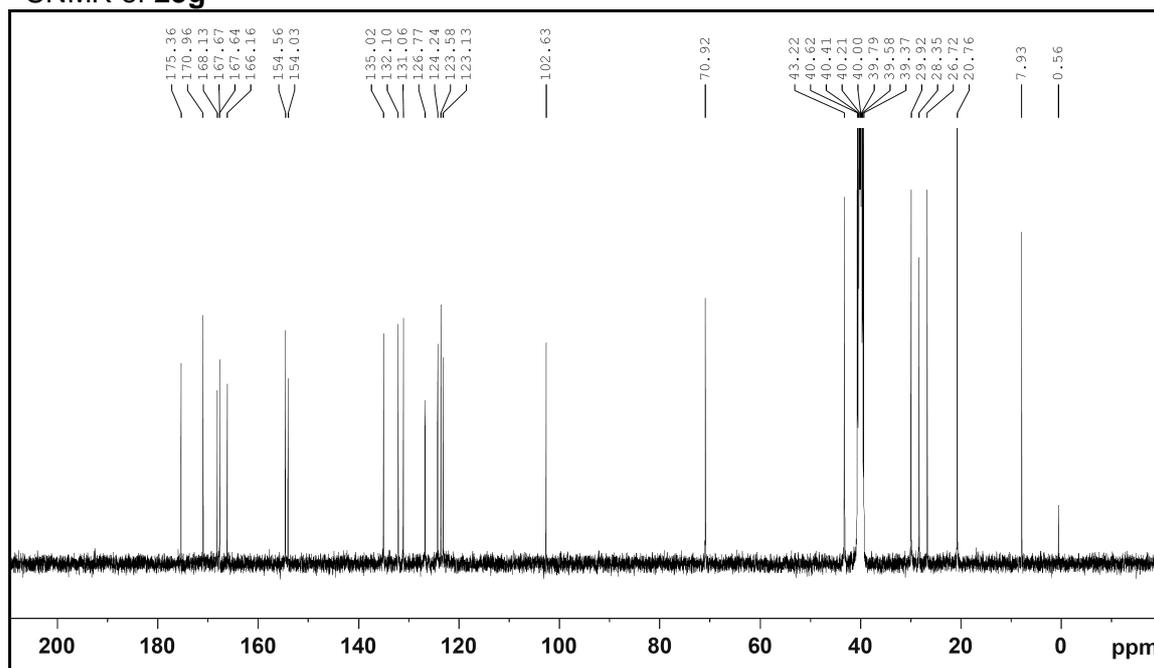
 1H NMR of 25f ^{13}C NMR of 25f

IR of 25f

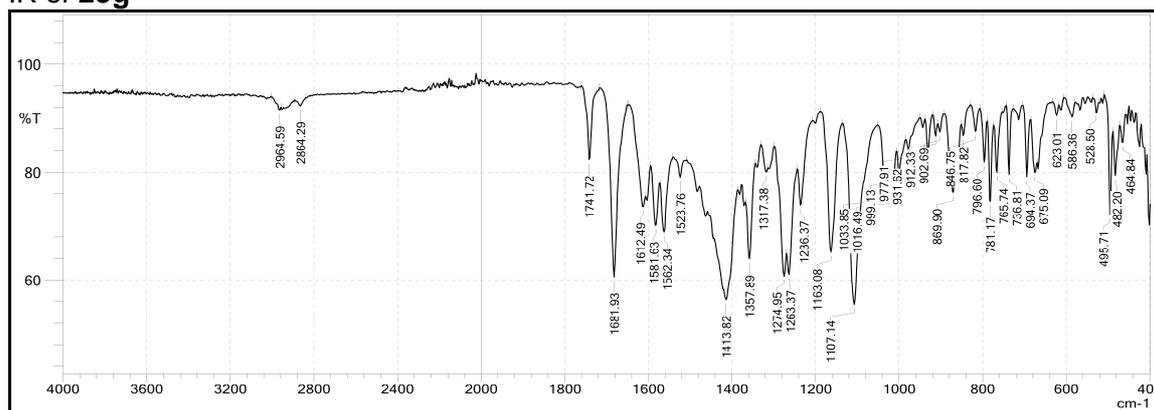


MASS of 25f

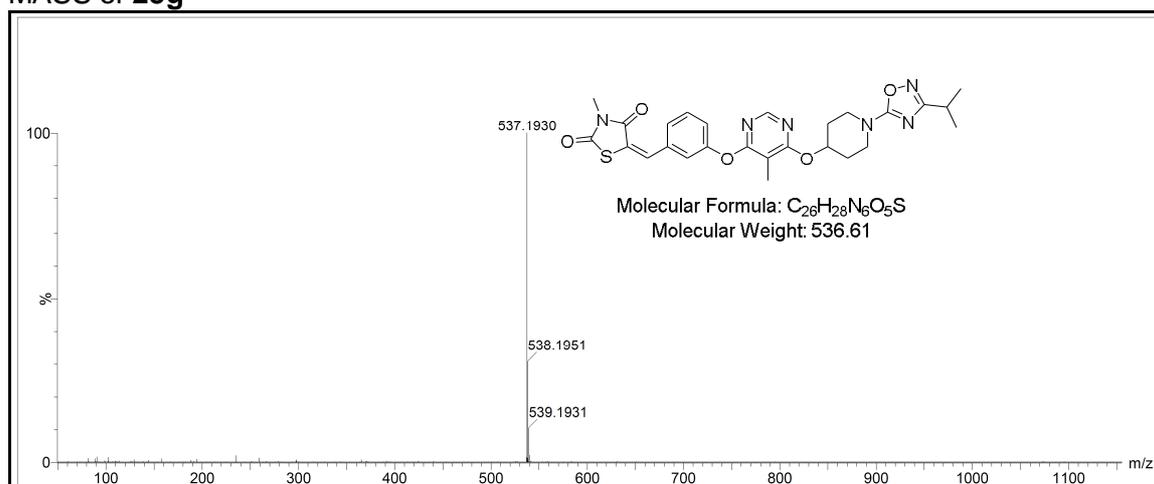
 ^1H NMR of 25g

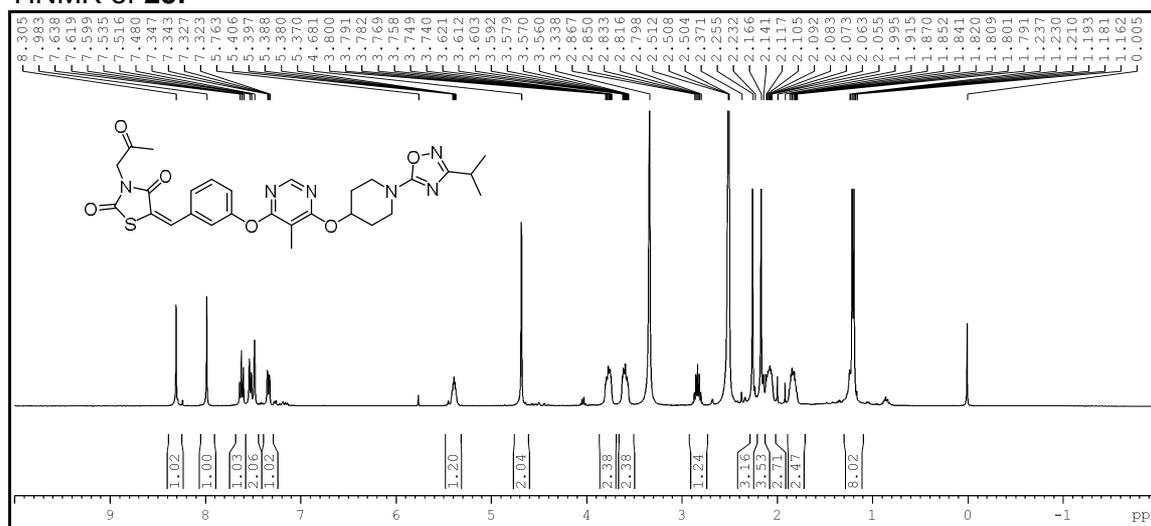
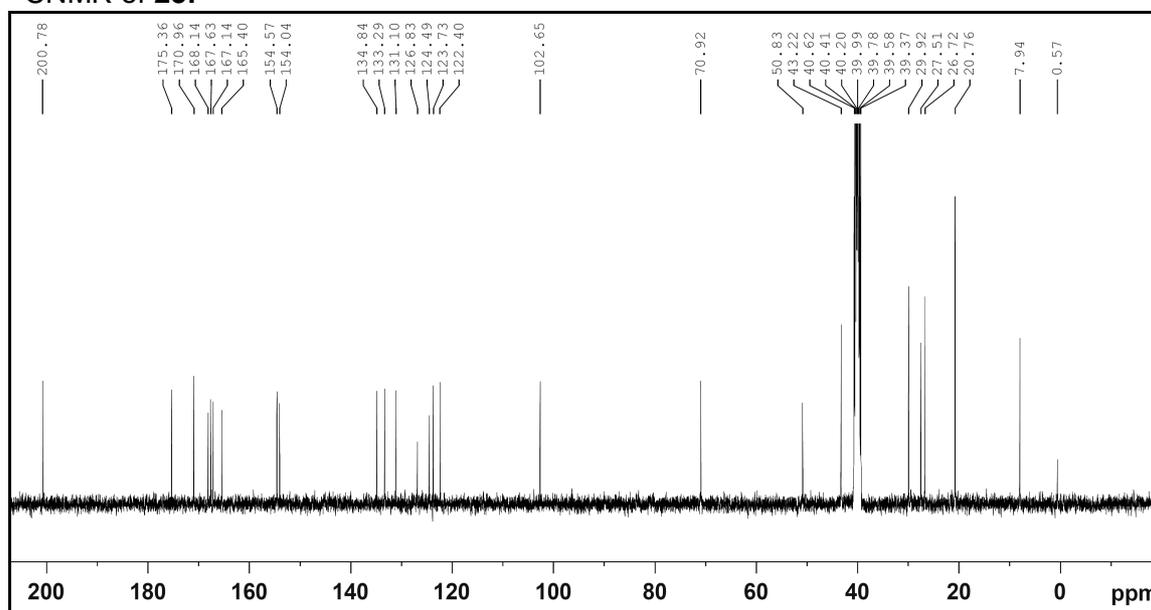
¹³CNMR of 25g

IR of 25g

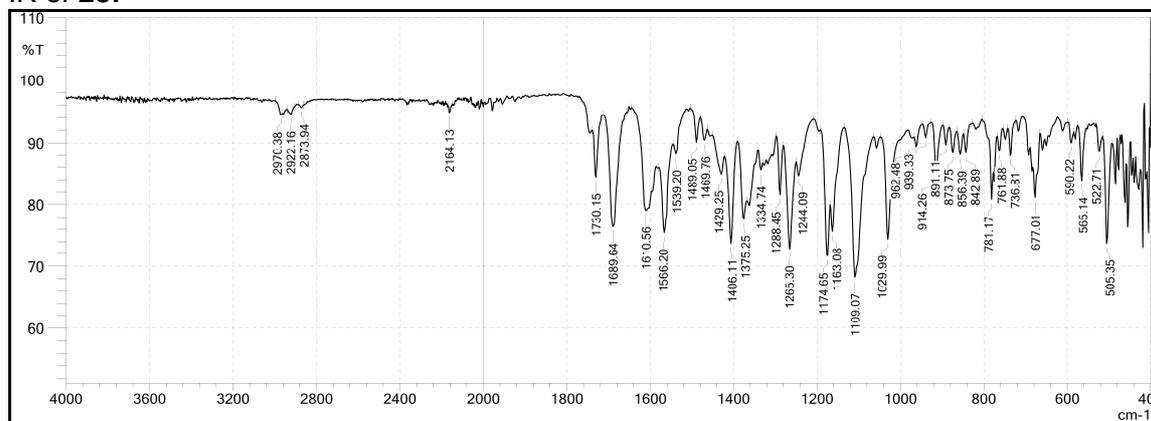


MASS of 25g

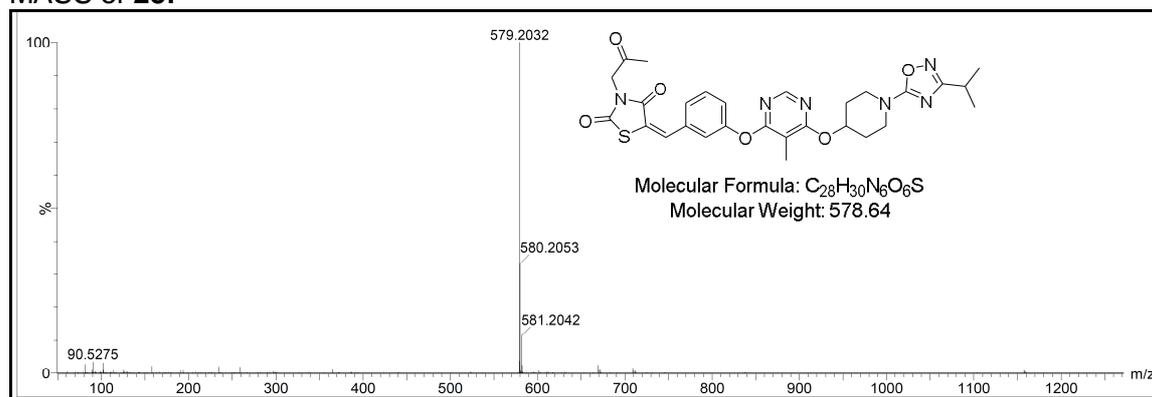
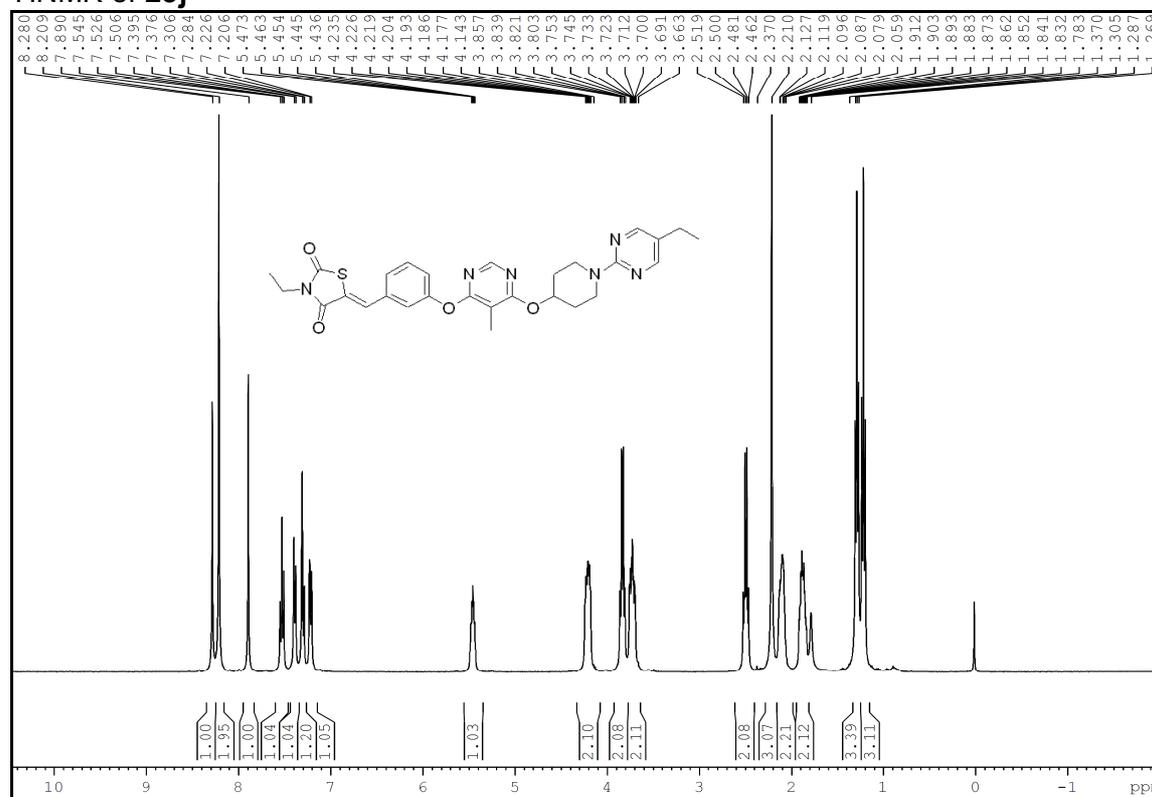


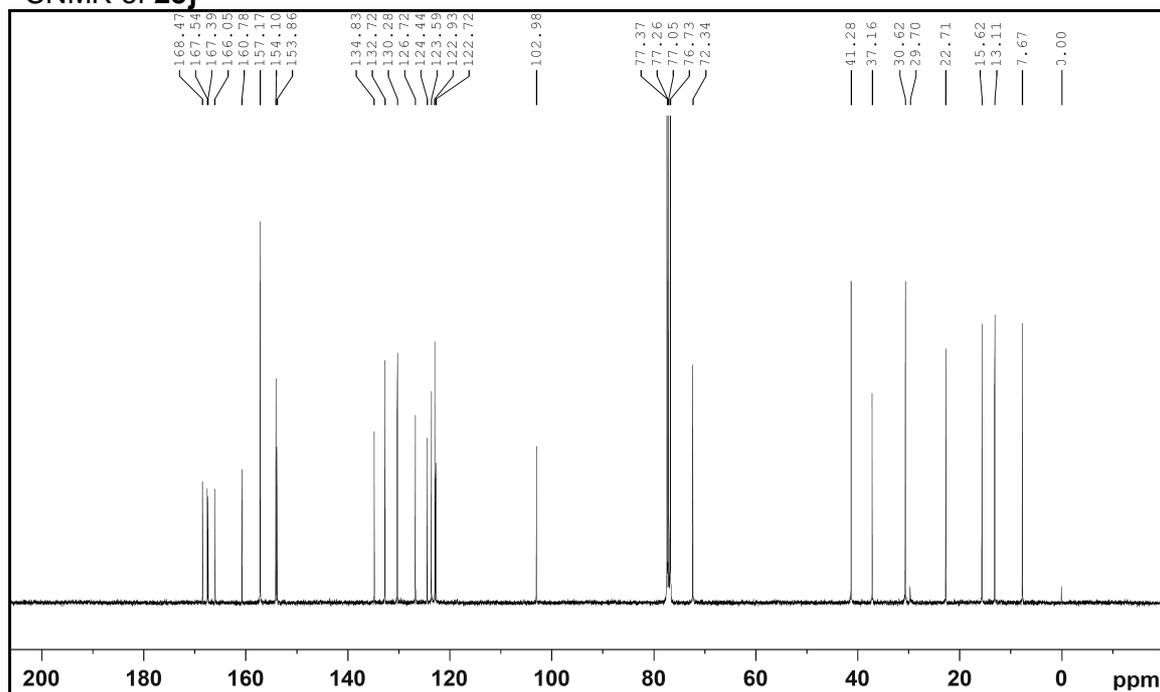
¹H NMR of 25i¹³C NMR of 25i

IR of 25i

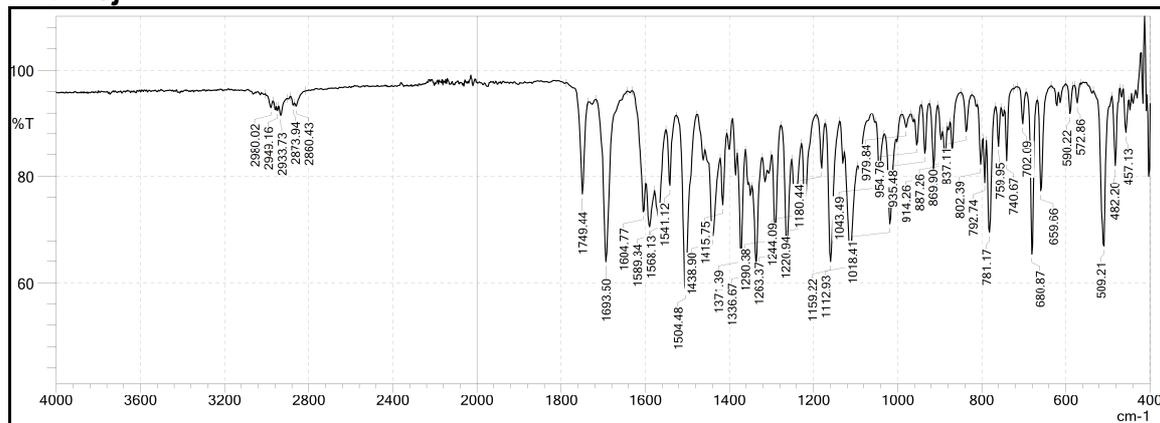


MASS of 25i

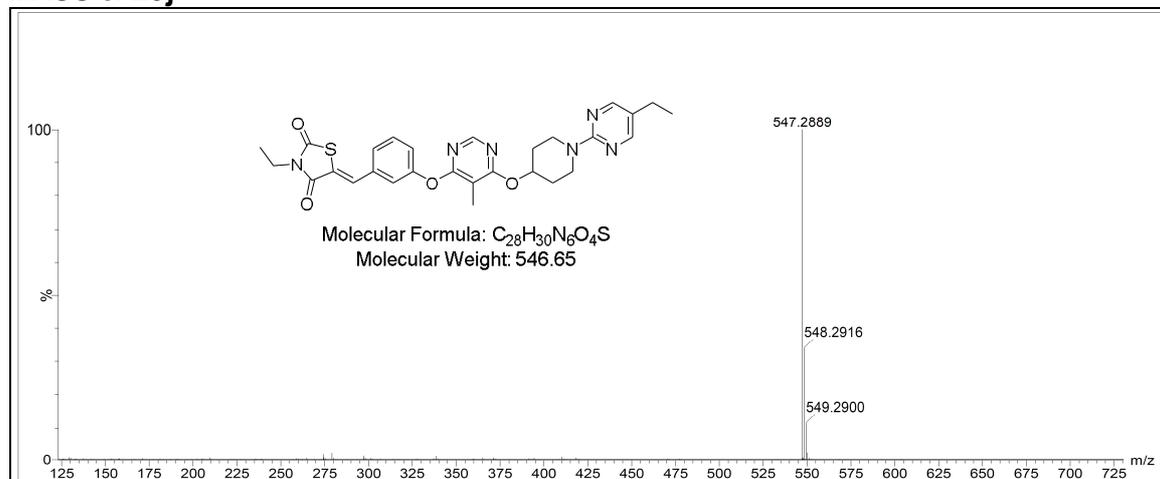
 1H NMR of 25j

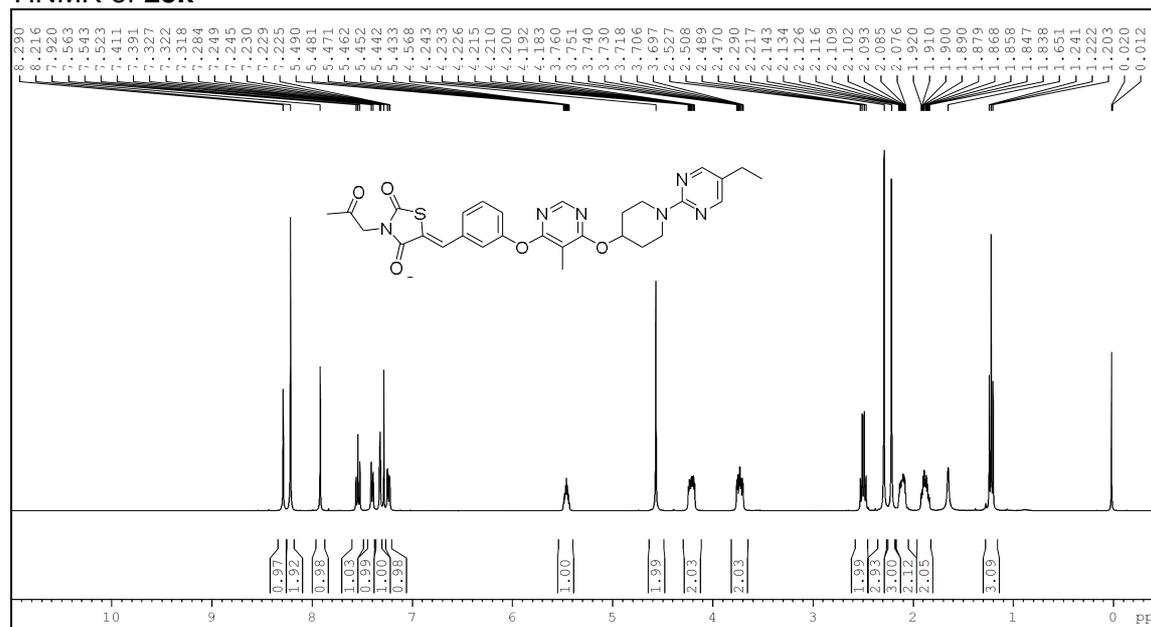
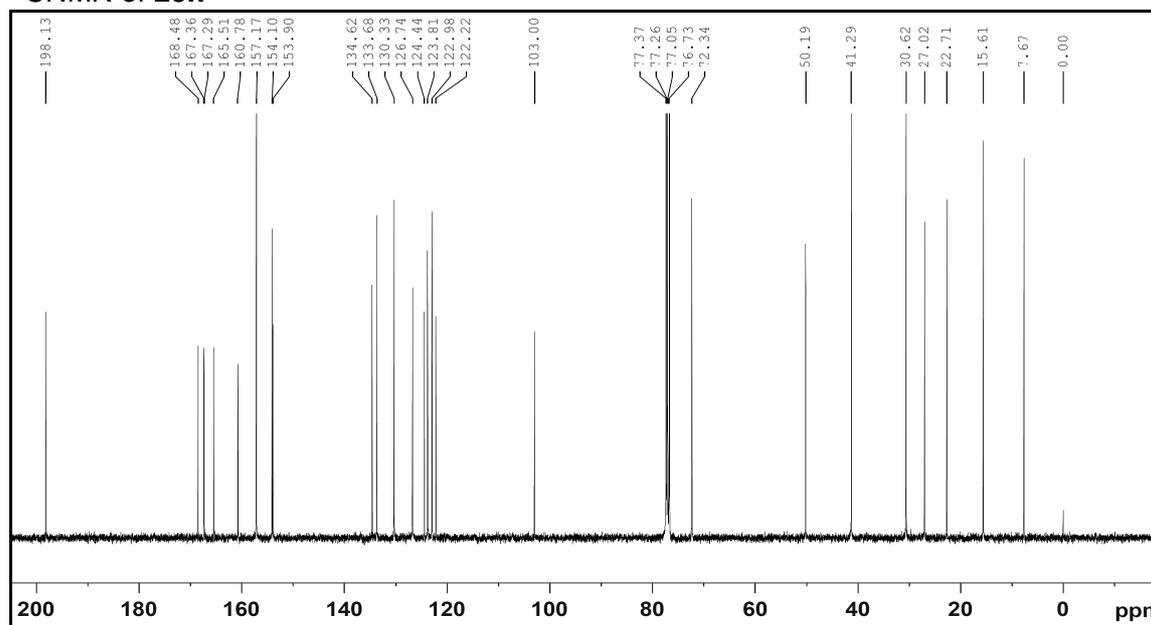
¹³CNMR of 25j

IR of 25j

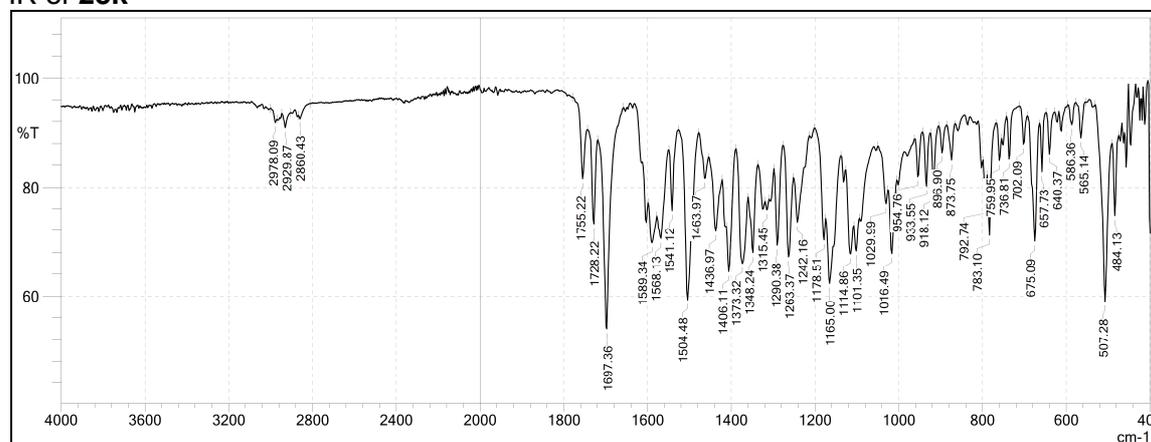


MASS of 25j



¹H NMR of 25k¹³C NMR of 25k

IR of 25k



MASS of 25k

