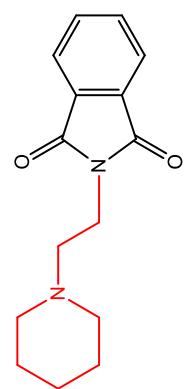
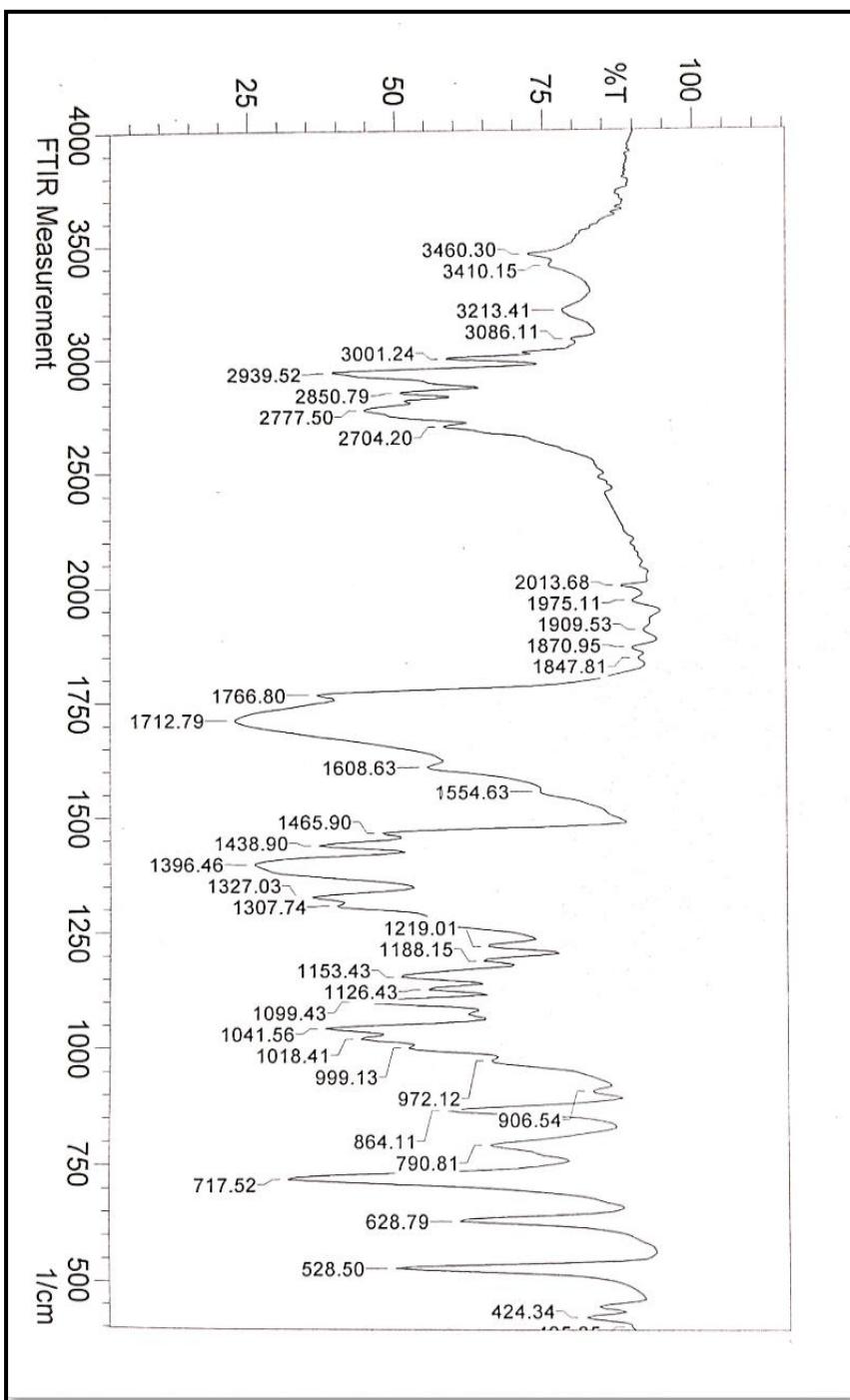
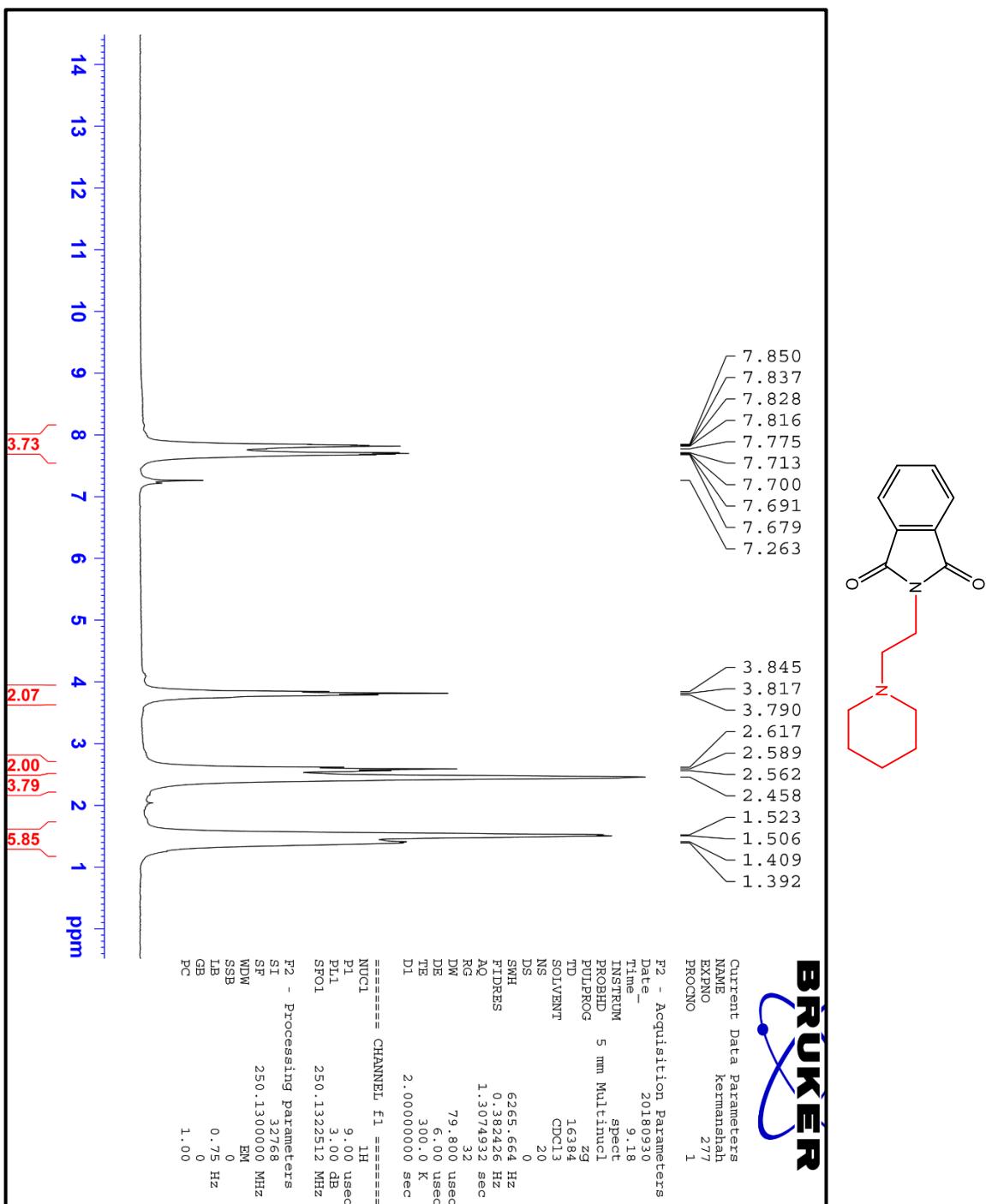


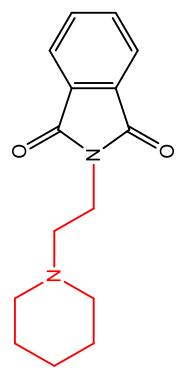
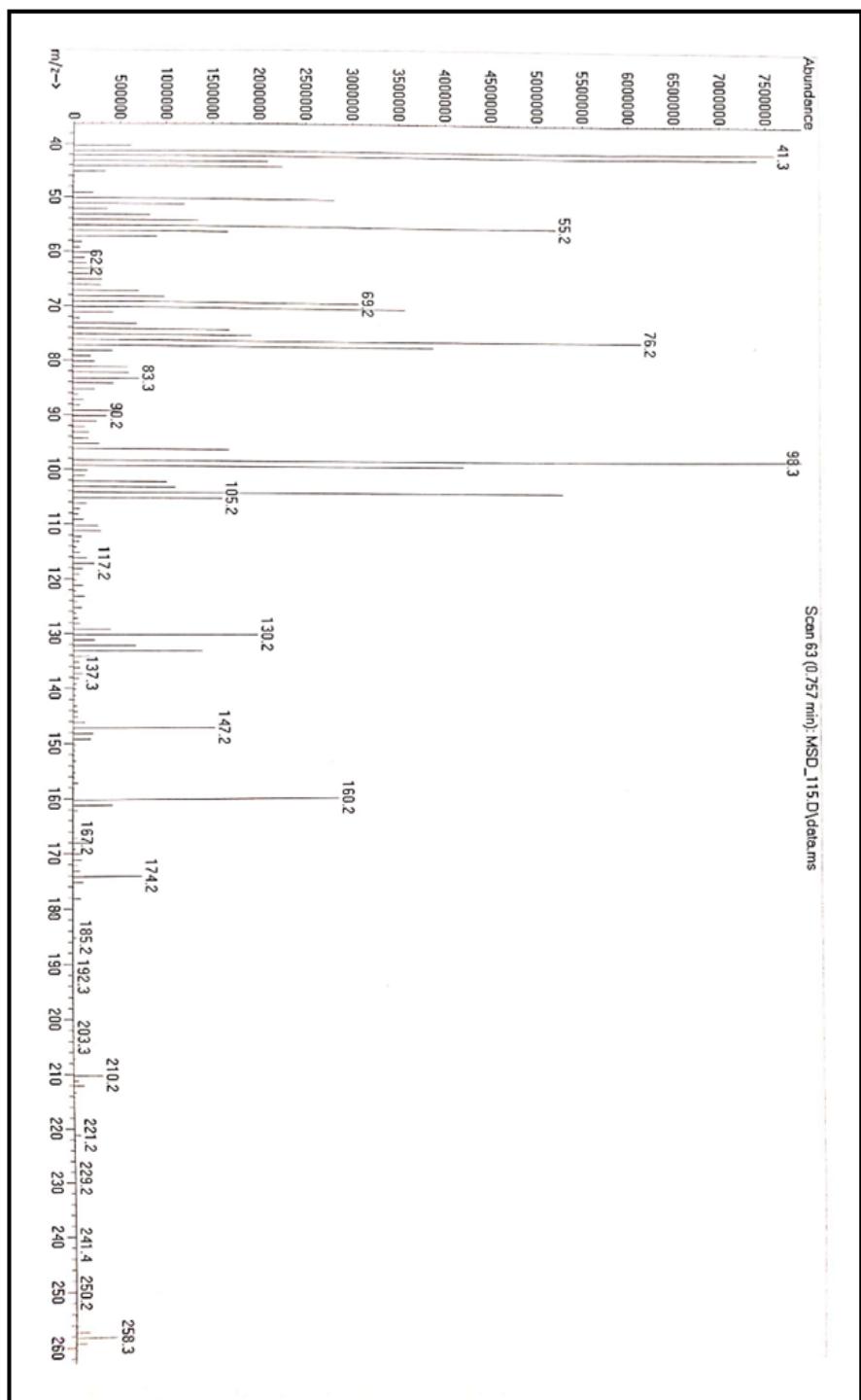
**FT-IR spectrum of compound 3**



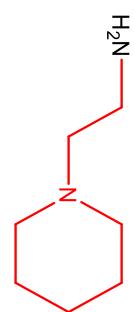
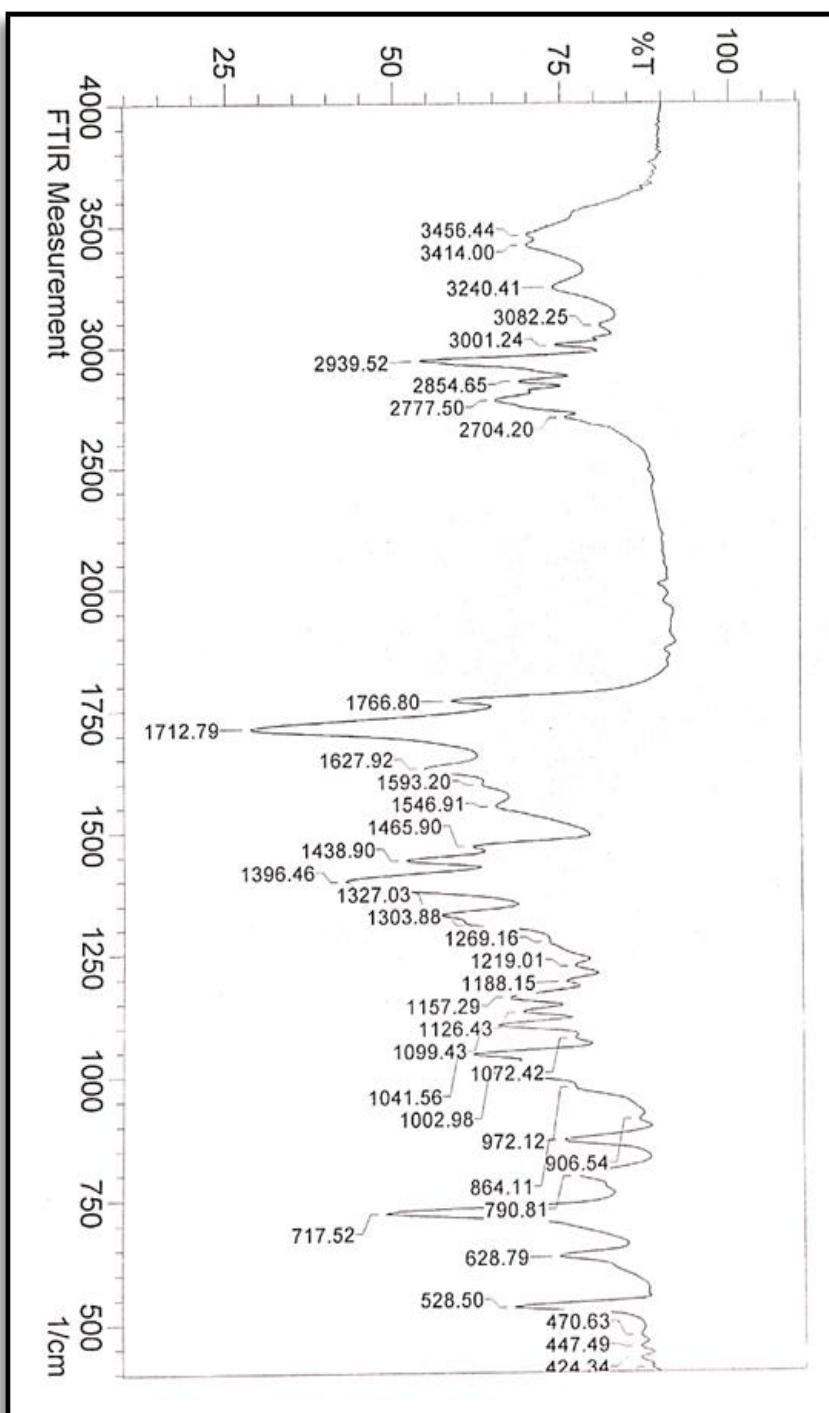
**1H NMR spectrum of compound 3**



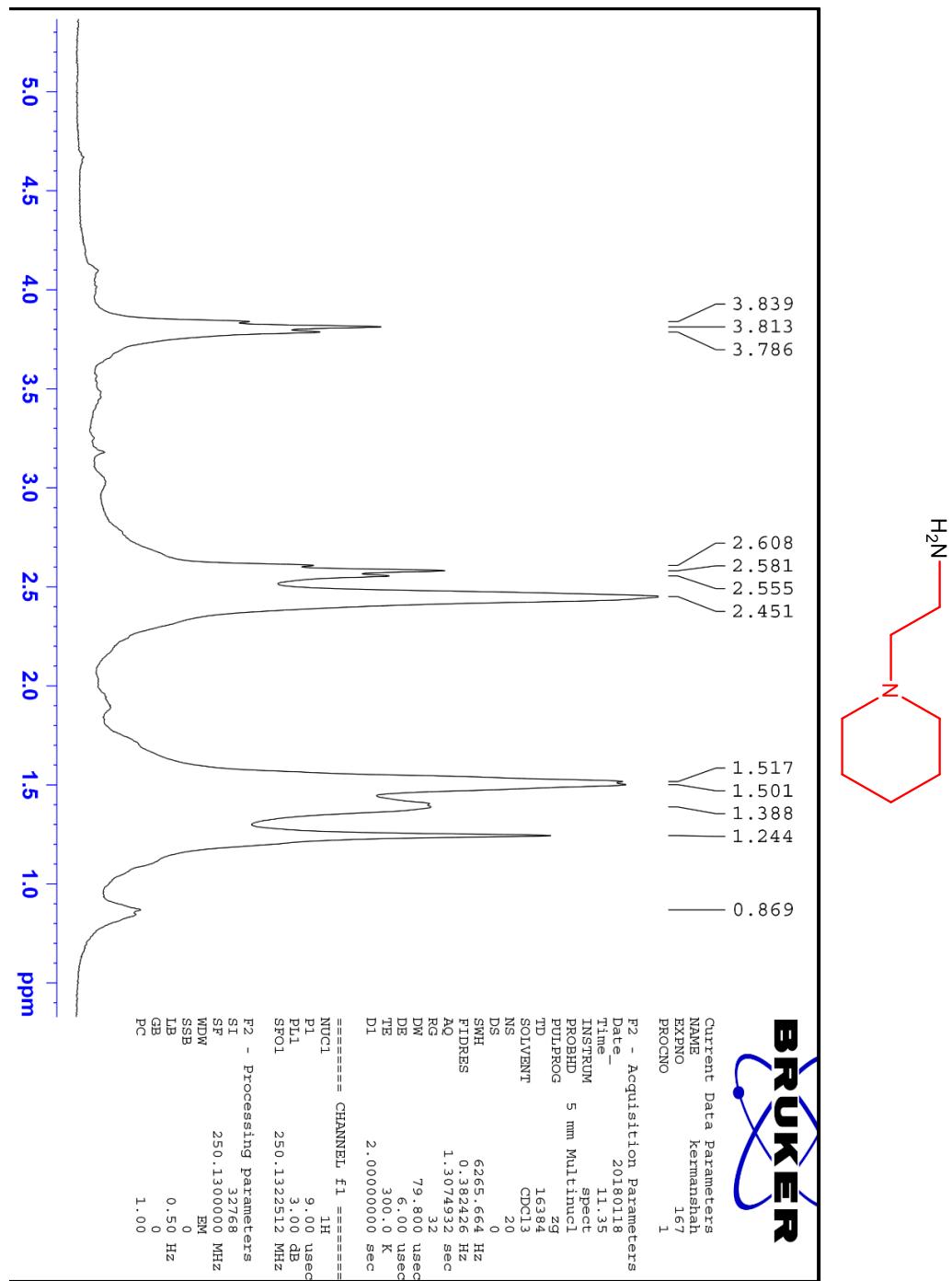
**MS spectrum of compound 3**



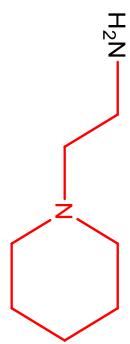
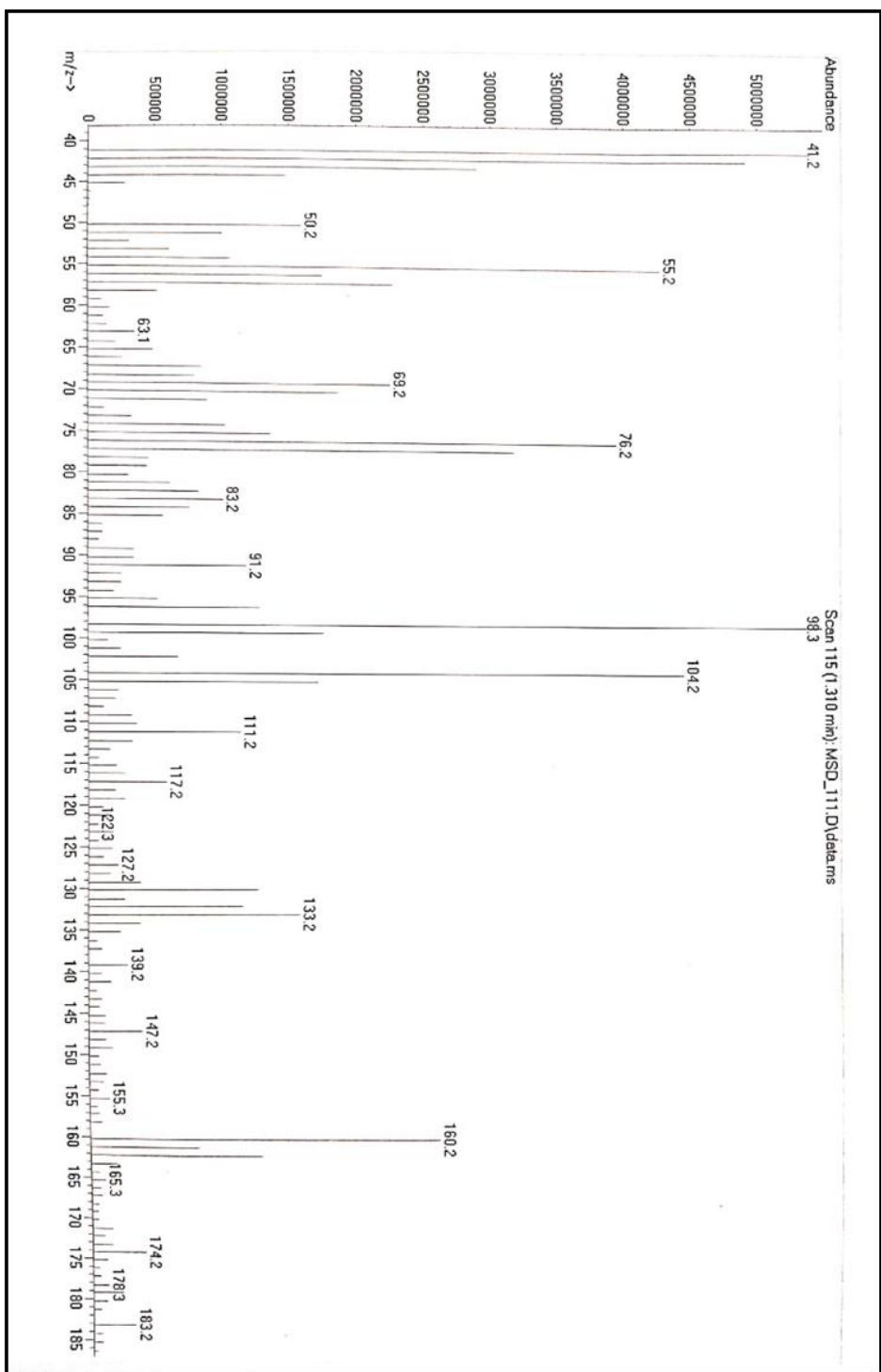
**FT-IR spectrum of compound 4**



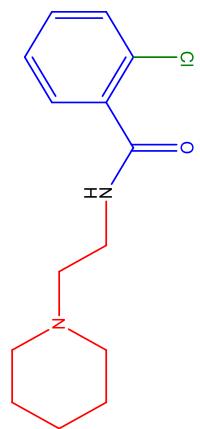
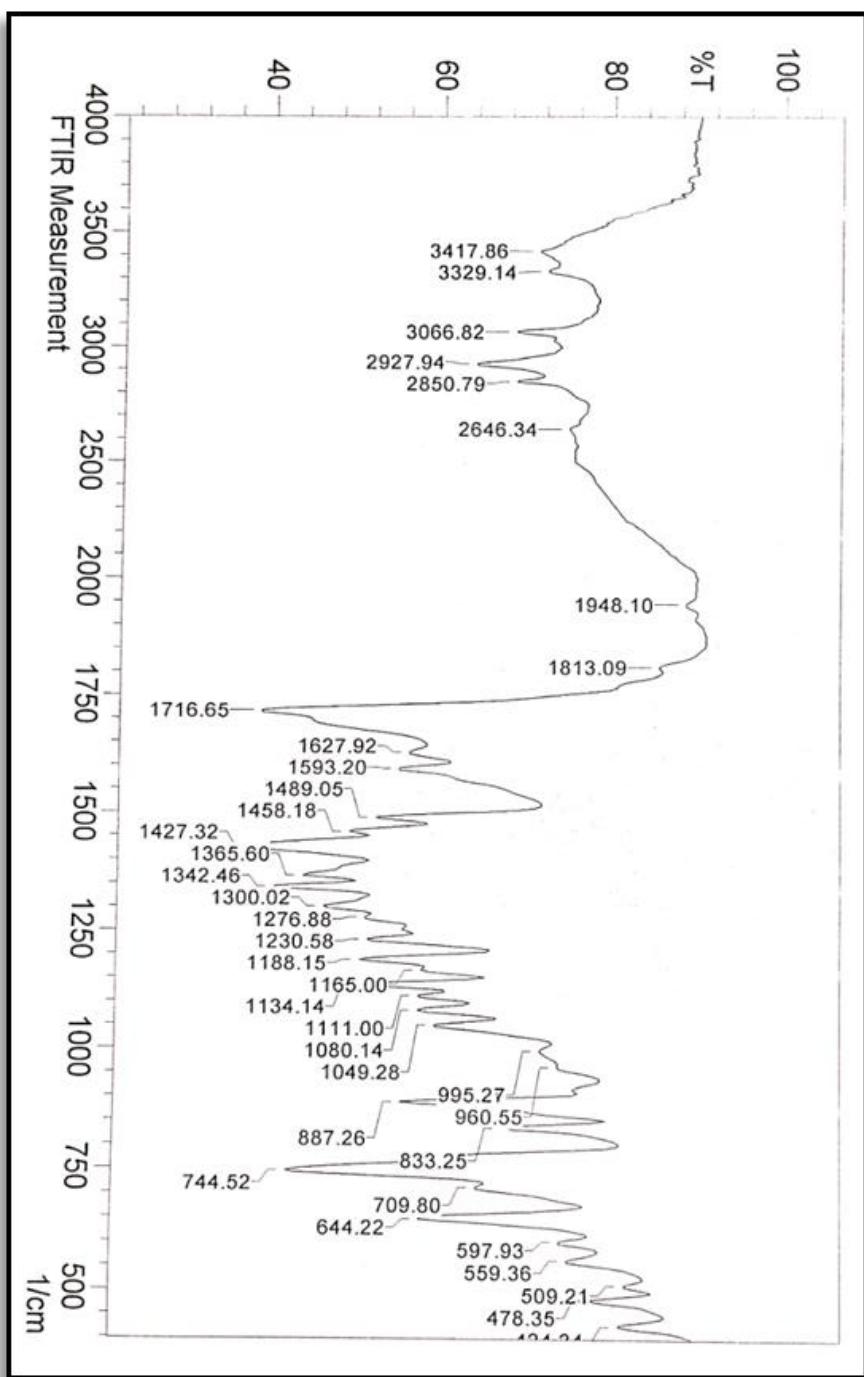
**1H NMR spectrum of compound 4**



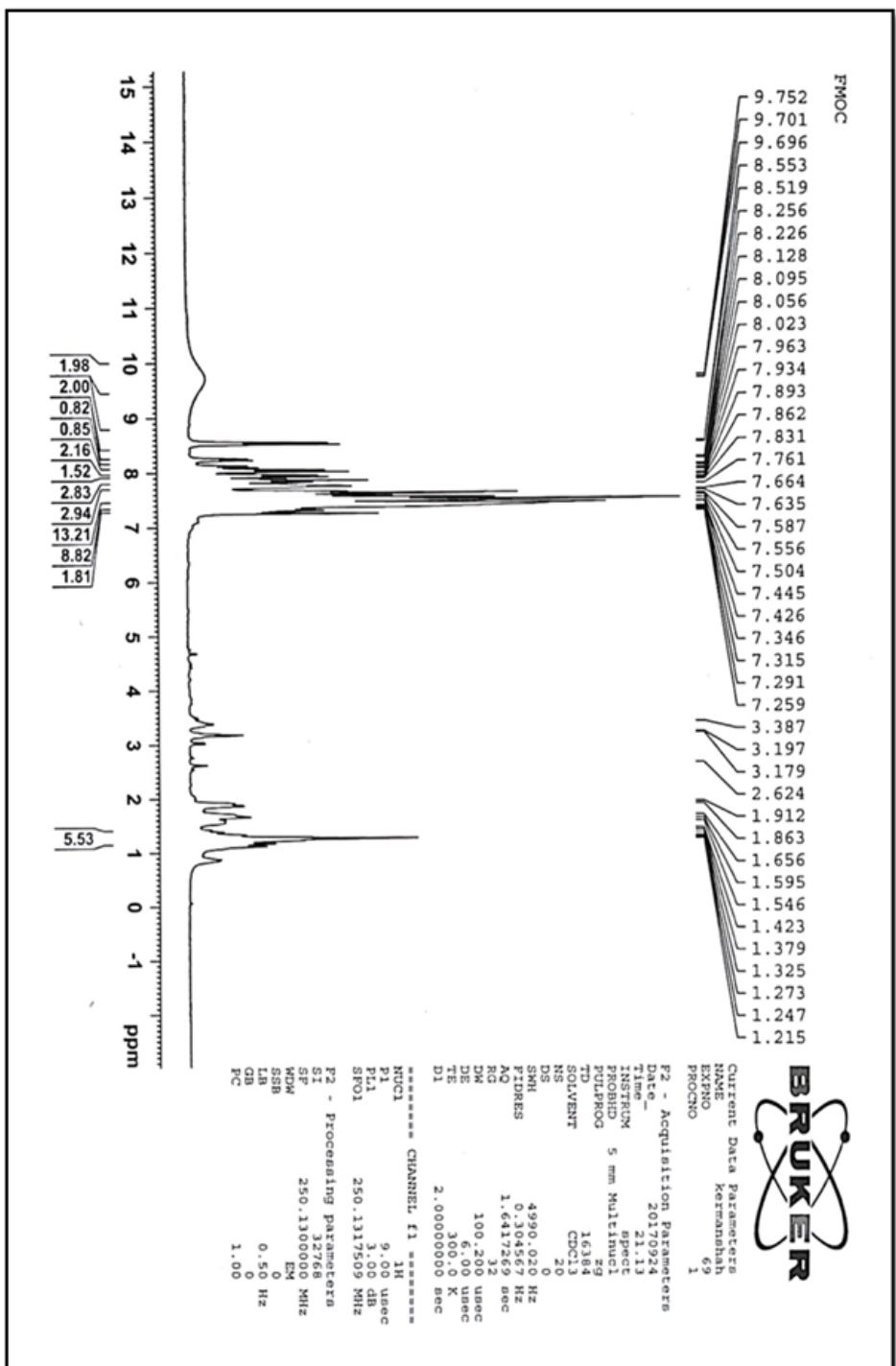
MS spectrum of compound 4



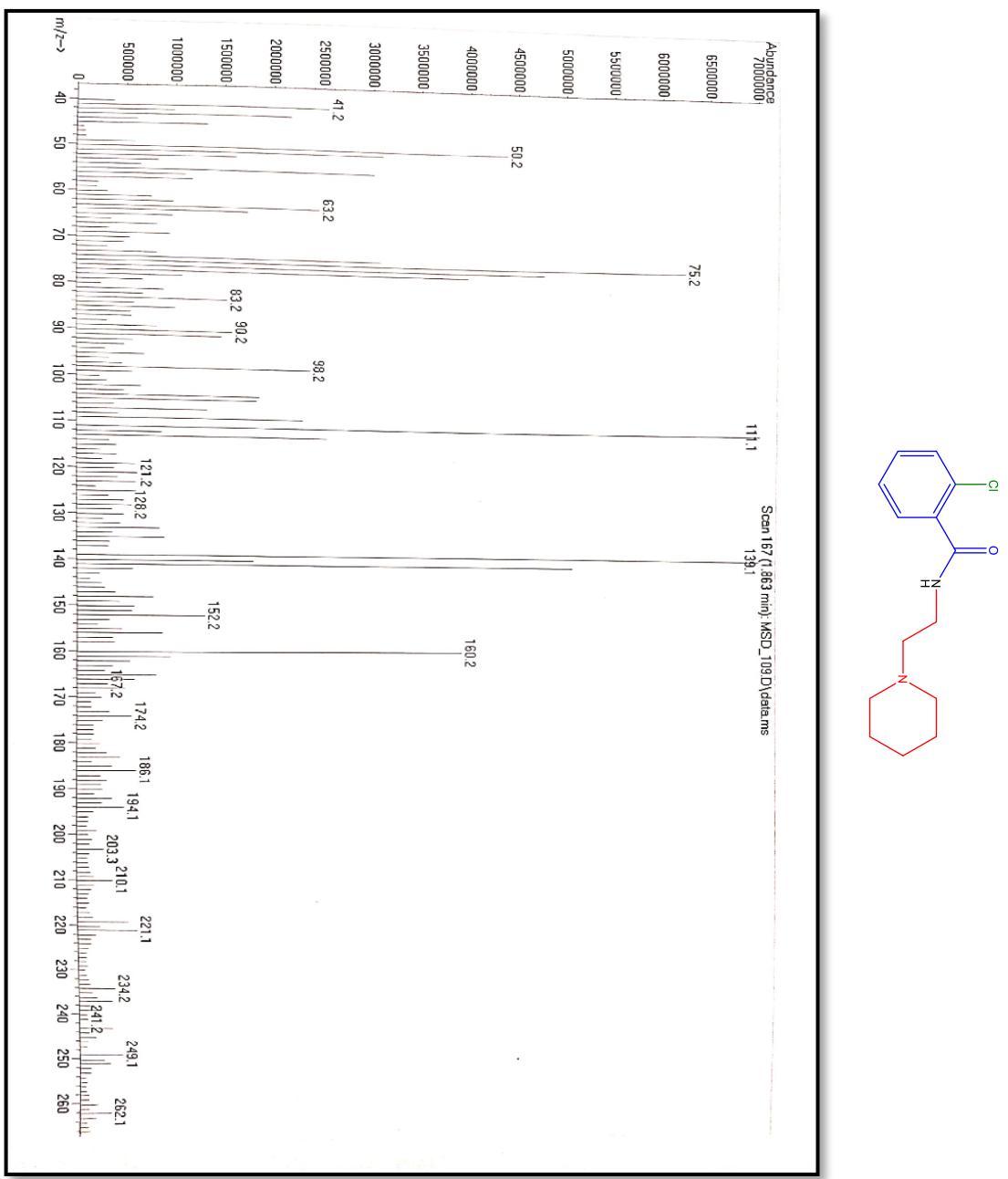
FT-IR spectrum of compound 5a



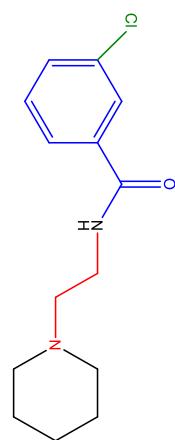
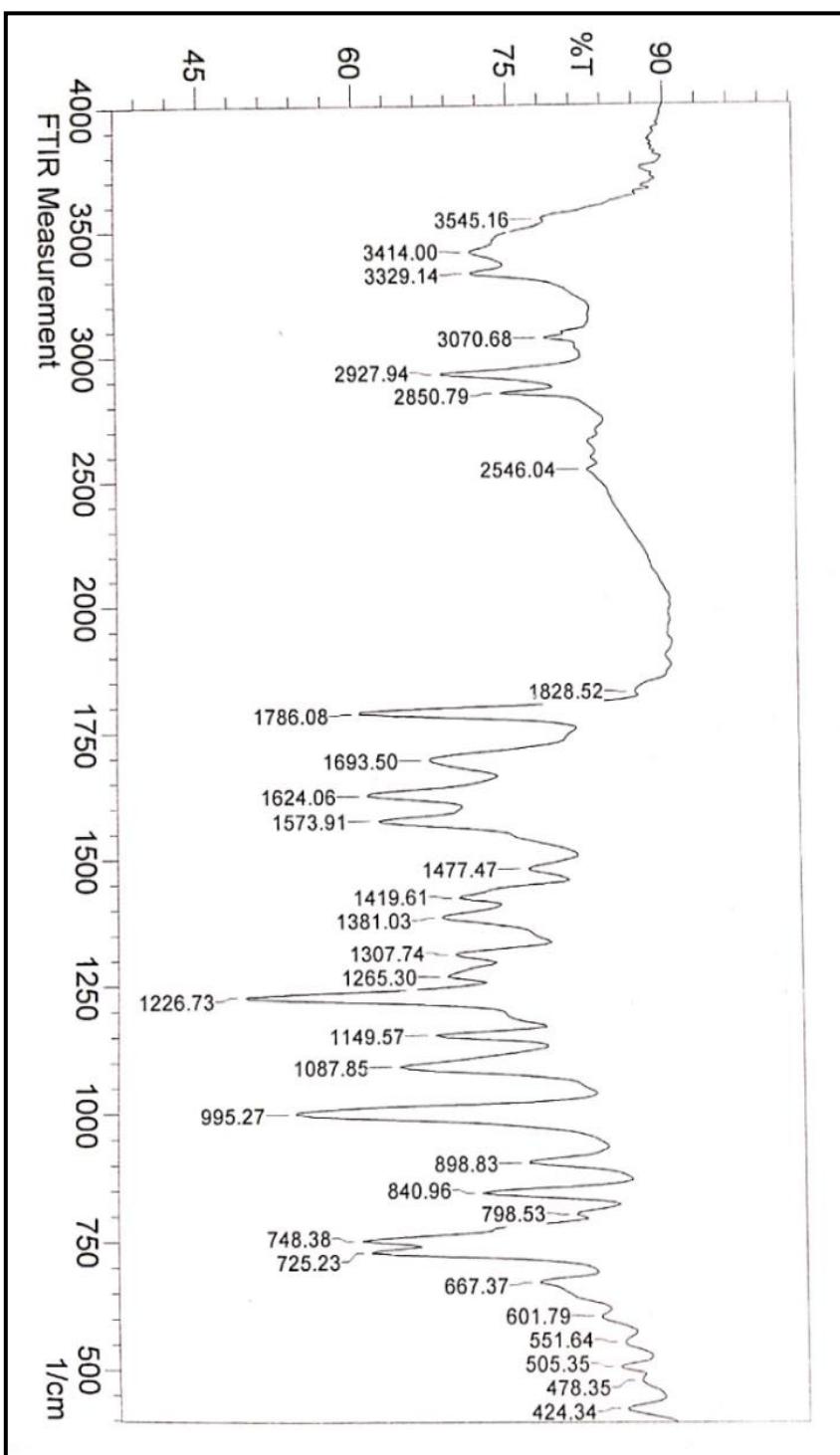
**1H NMR spectrum of compound 5a**



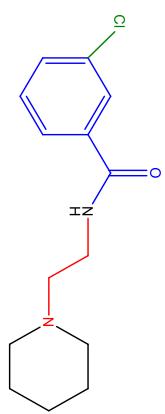
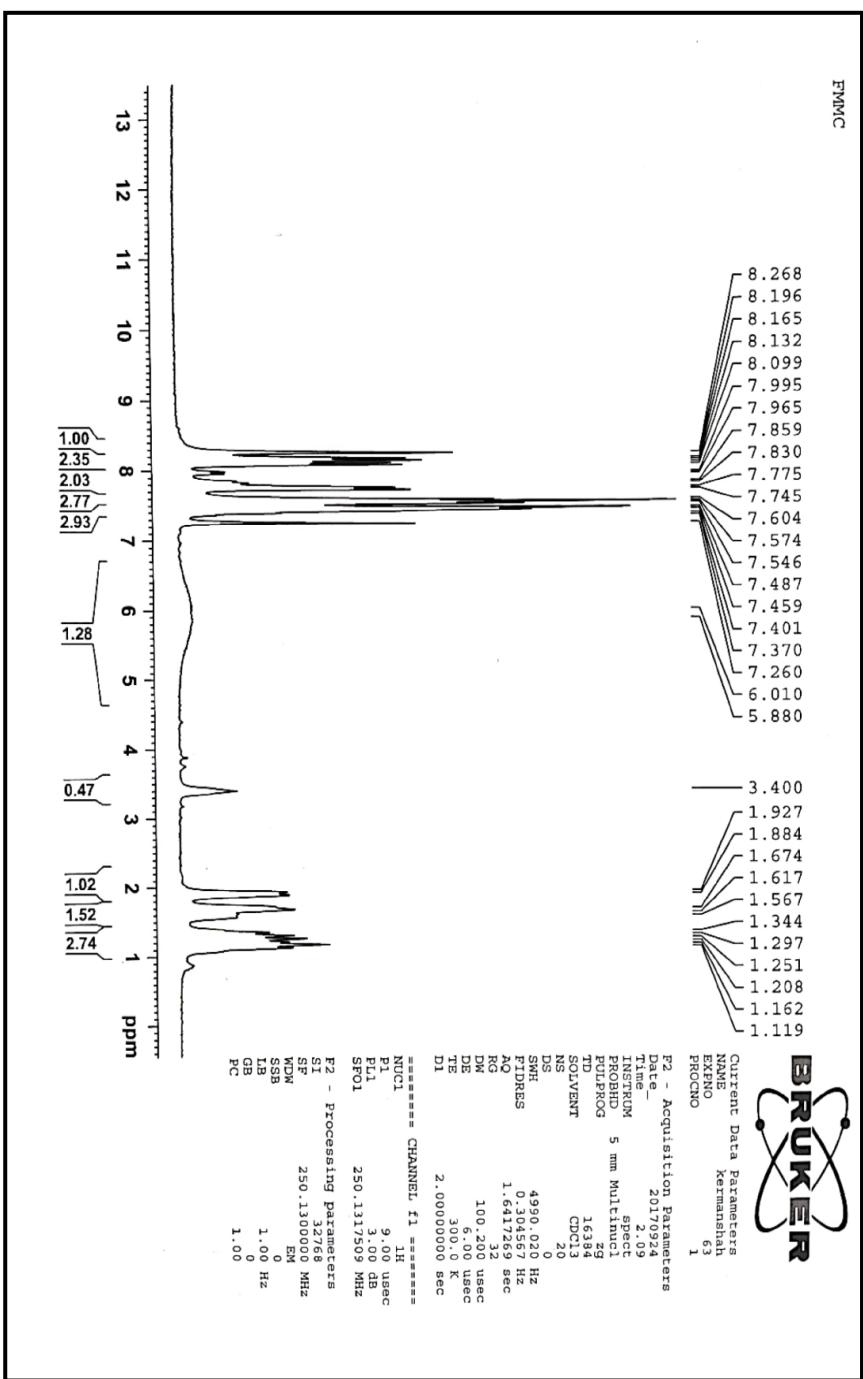
### MS spectrum of compound 5a



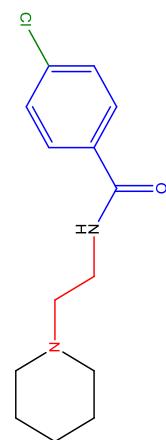
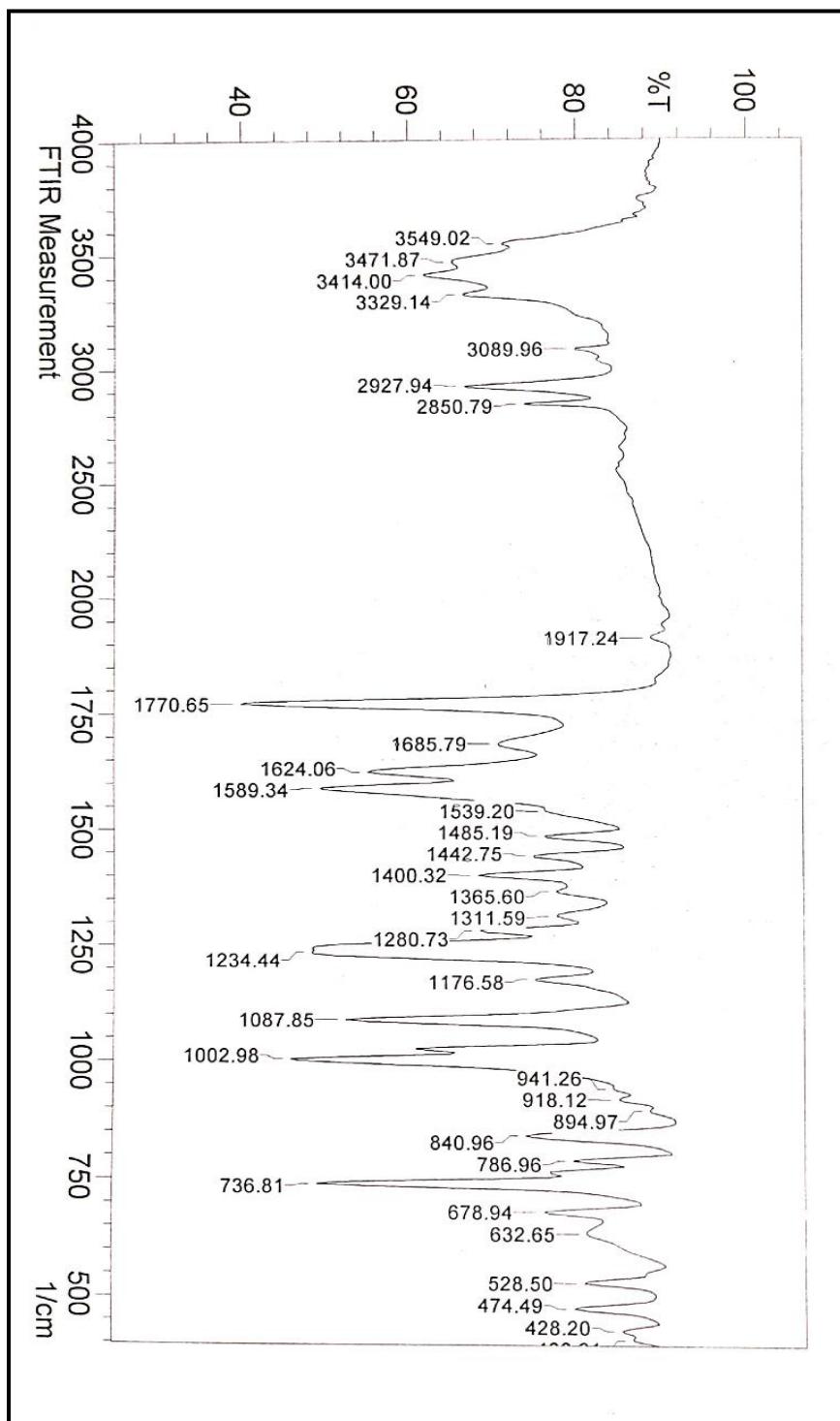
### FT-IR spectrum of compound 5b



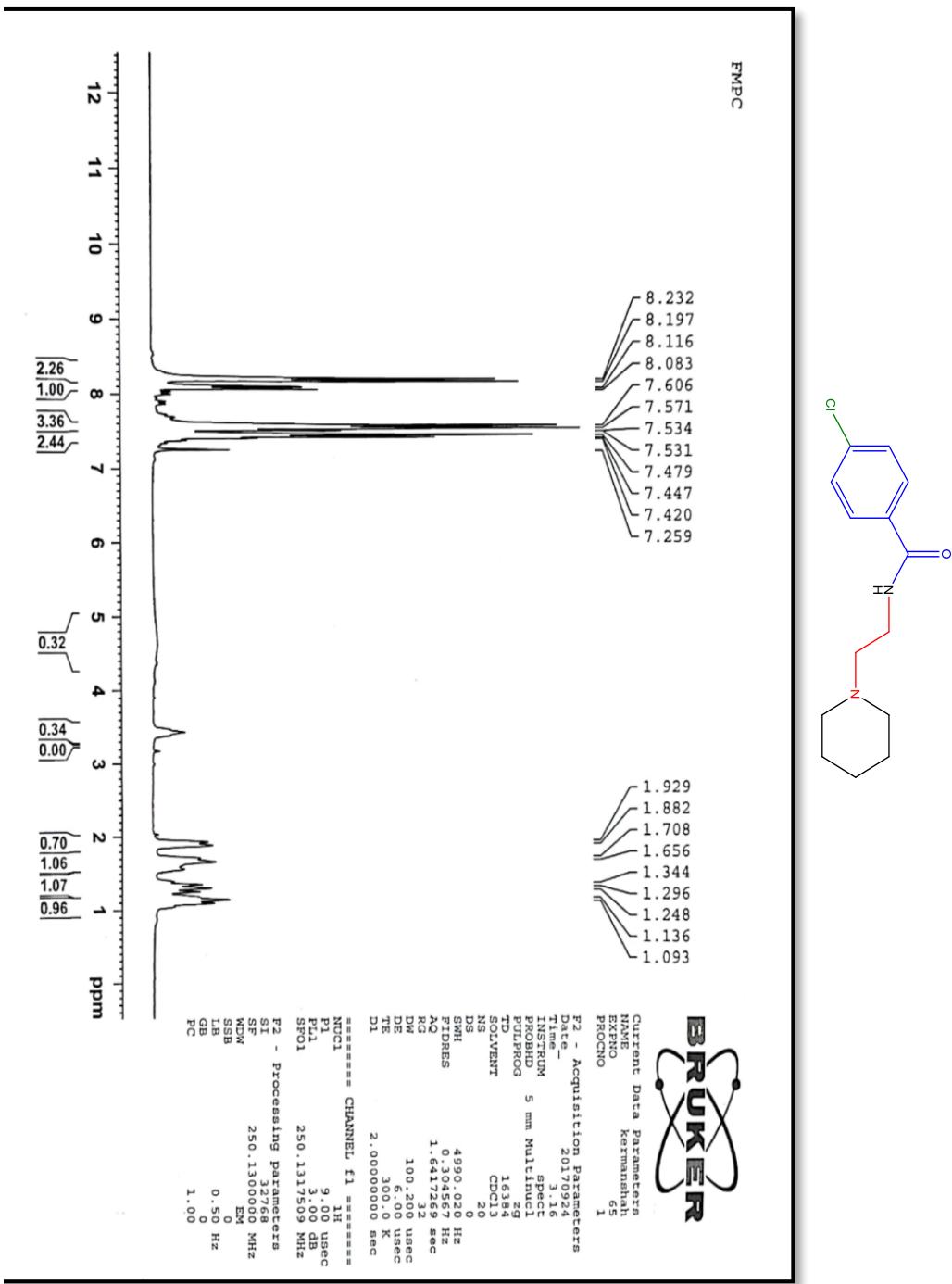
**1H NMR spectrum of compound 5b**



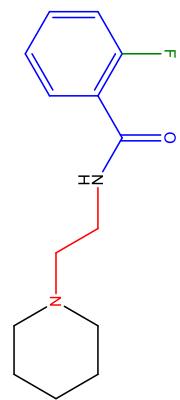
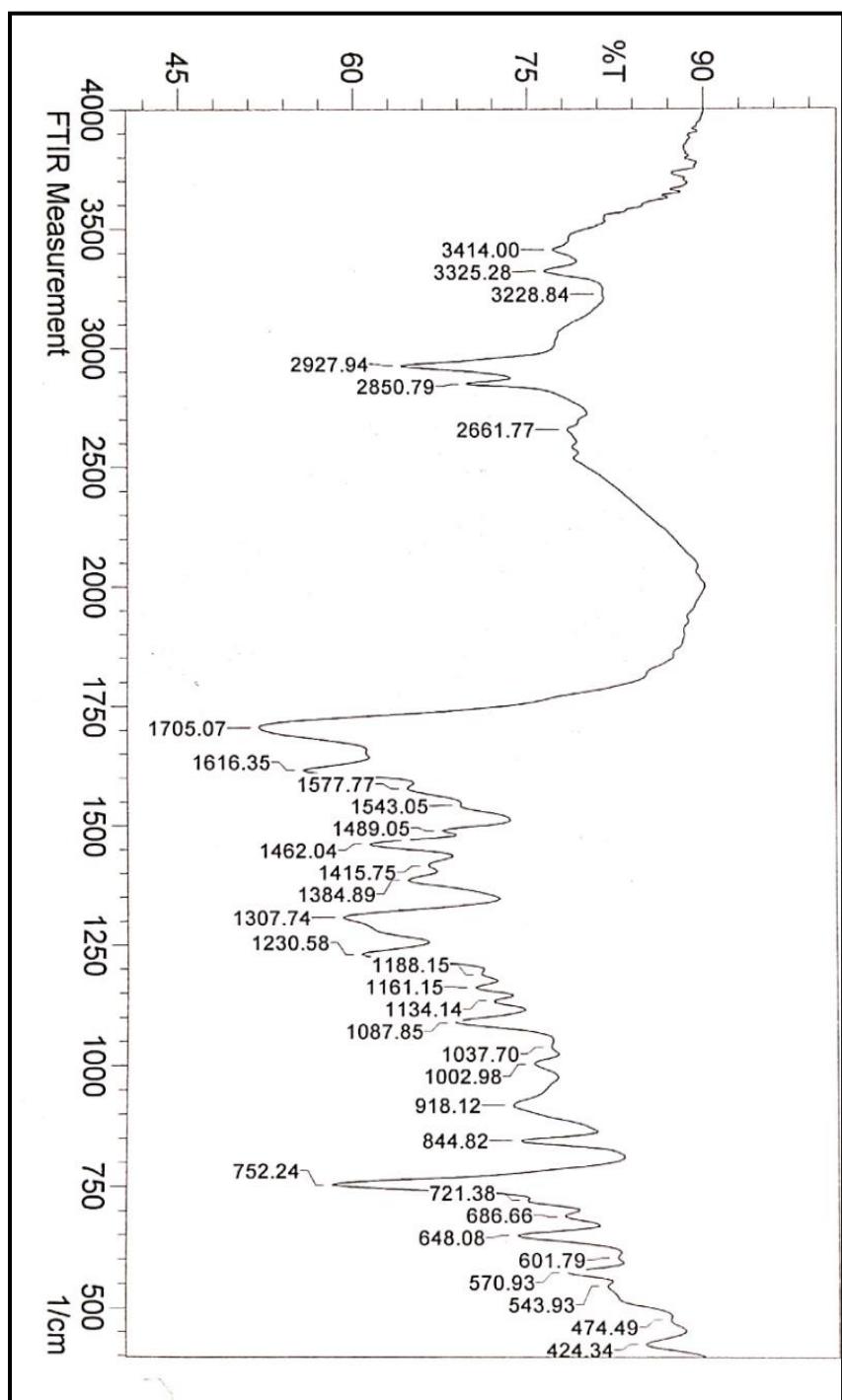
FT-IR spectrum of compound 5c



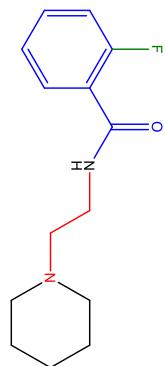
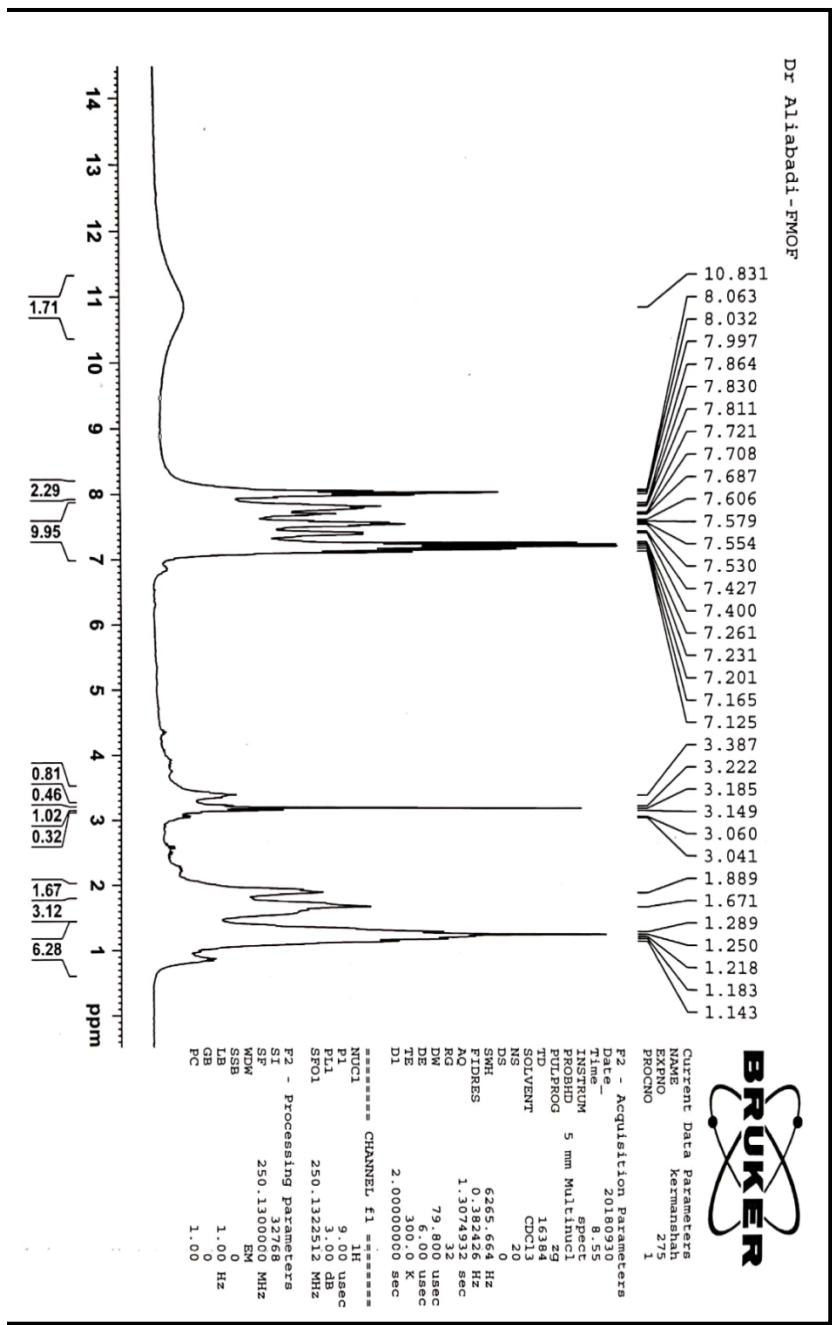
**1H NMR spectrum of compound 5c**



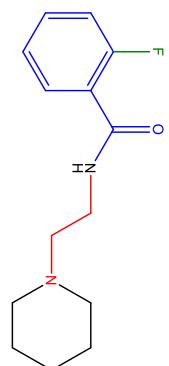
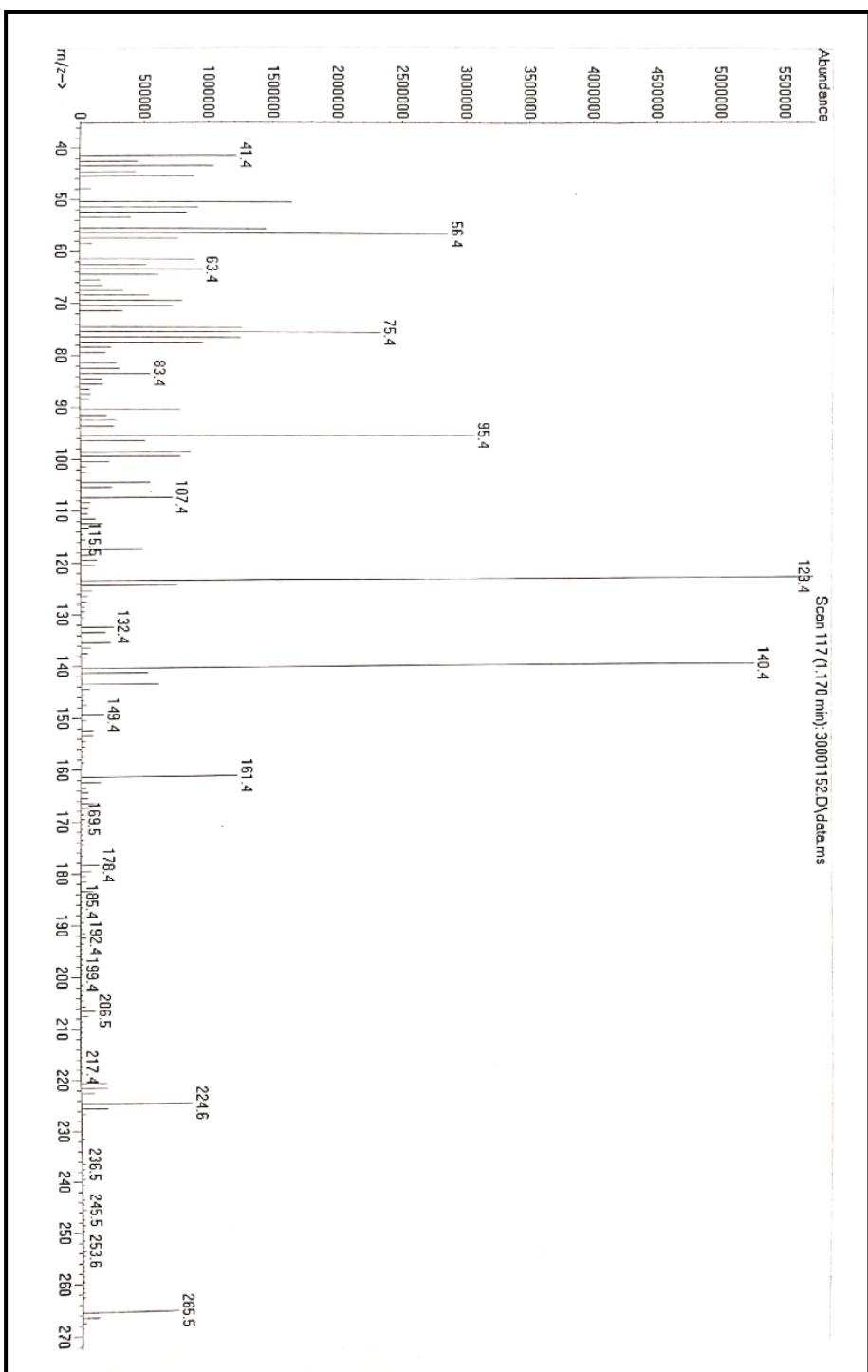
FT-IR spectrum of compound 5d



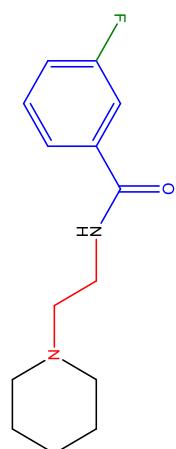
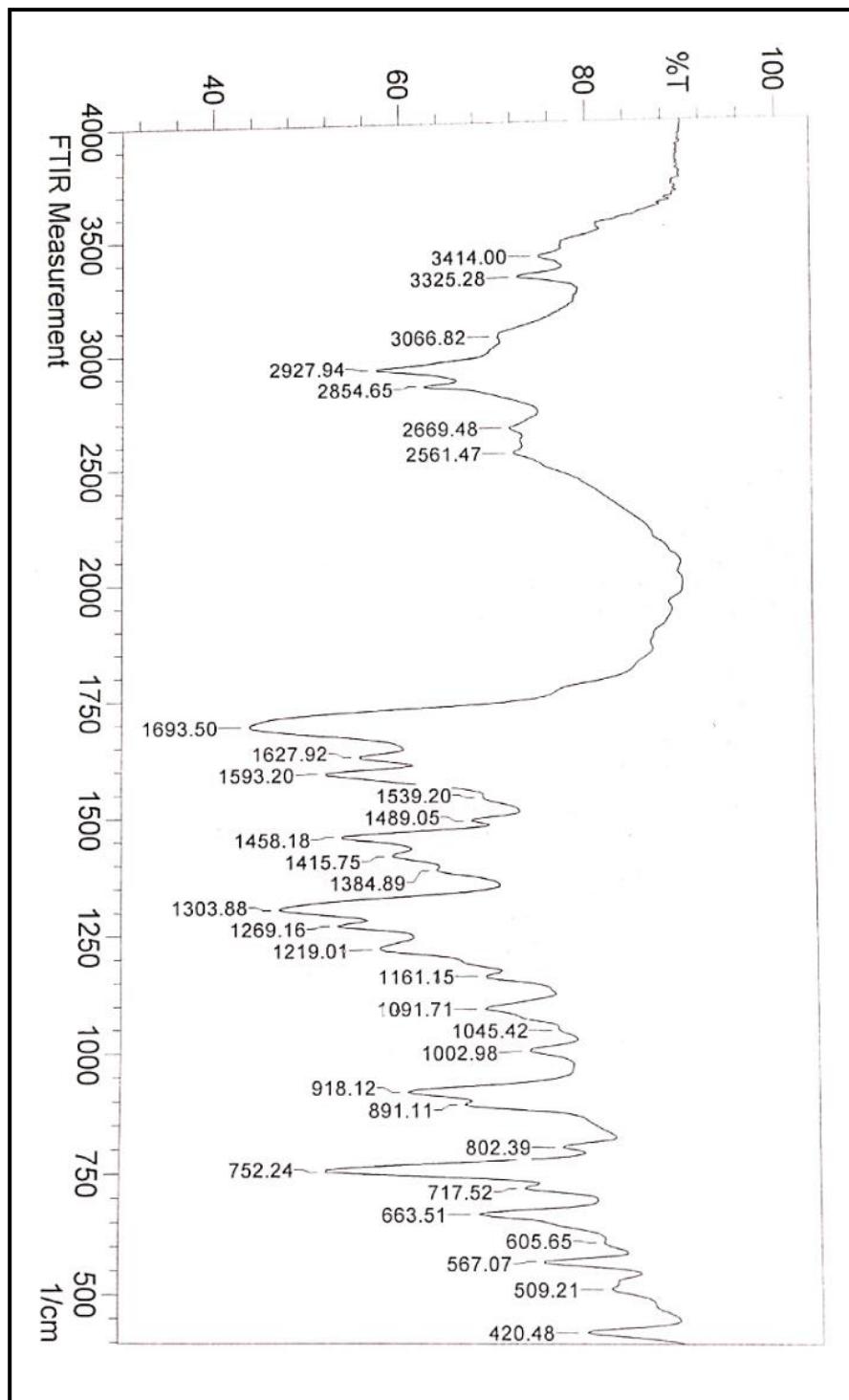
**FT-IR spectrum of compound 5c**



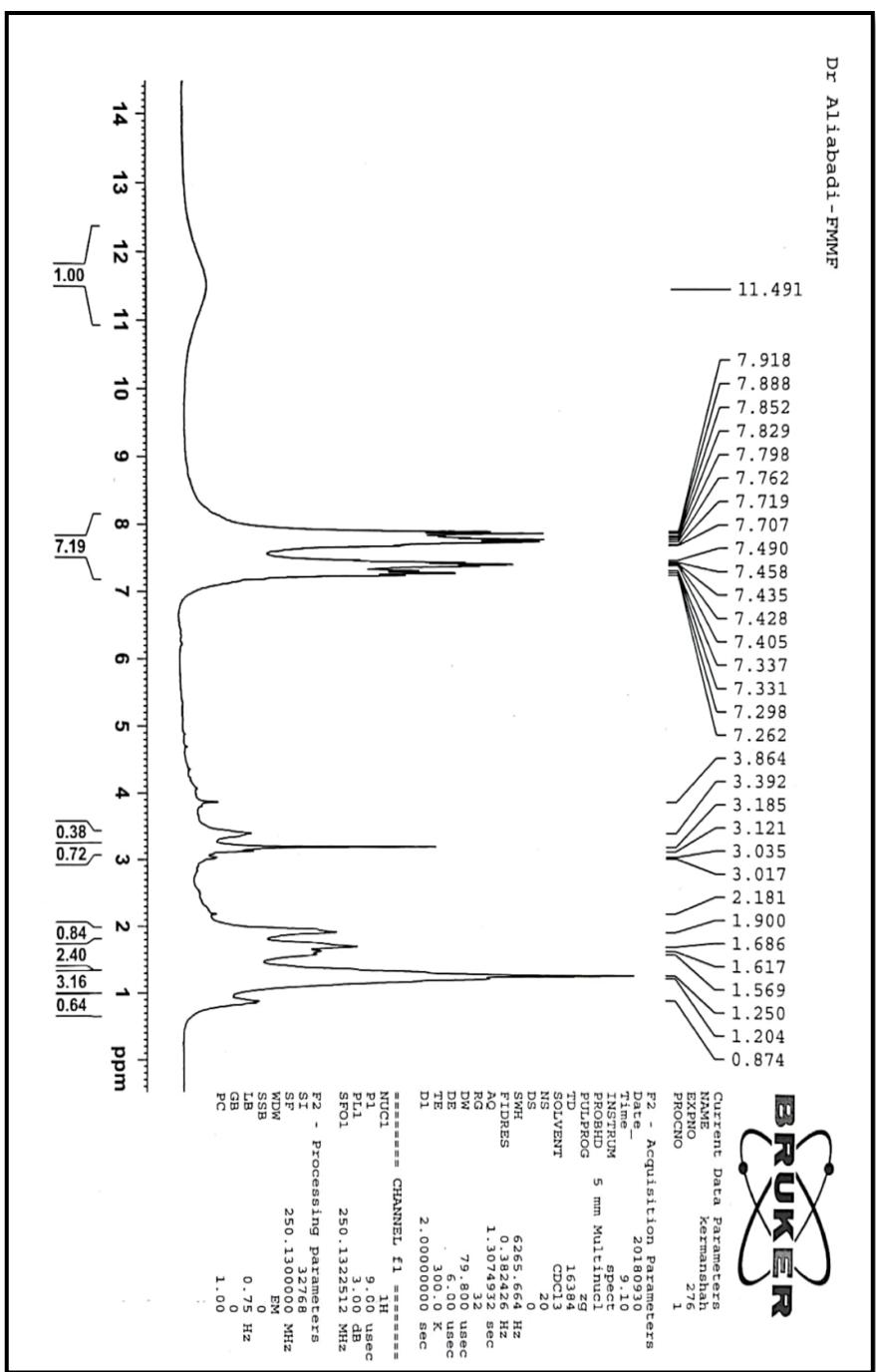
**MS spectrum of compound 5d**



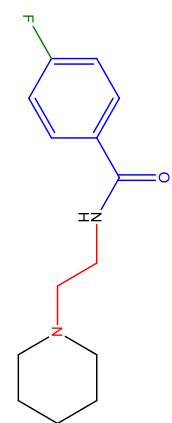
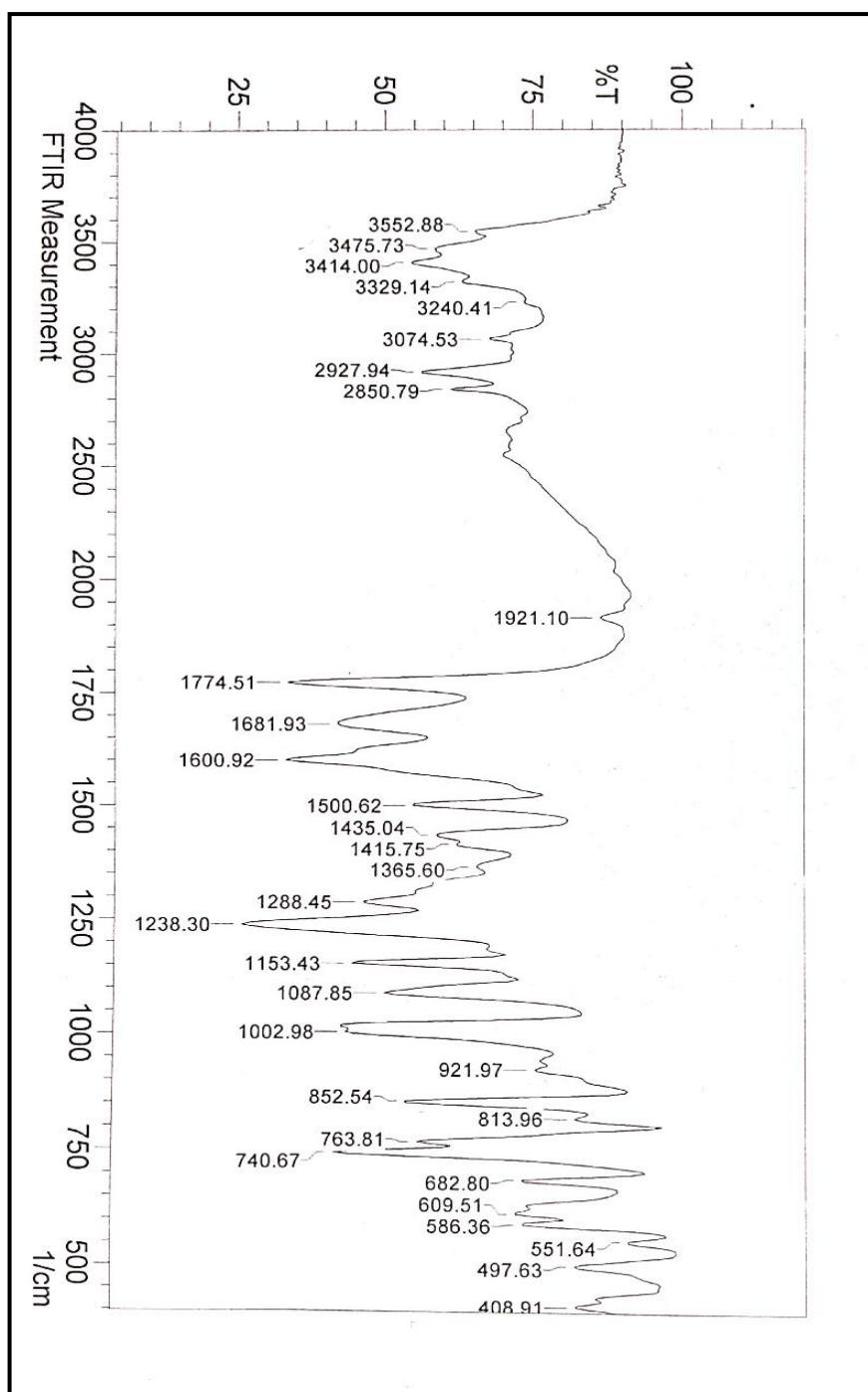
FT-IR spectrum of compound 5e



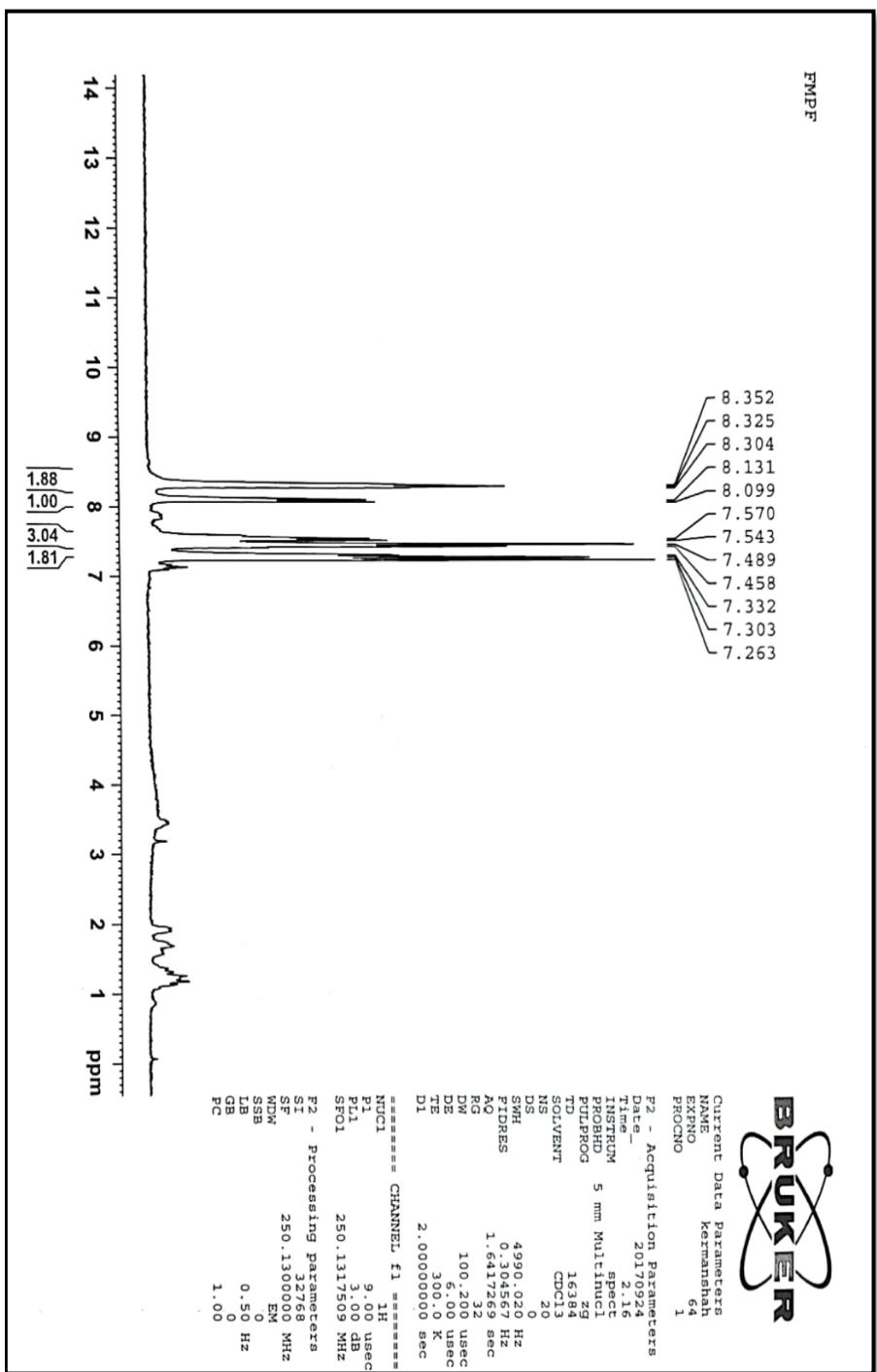
**1H NMR spectrum of compound 5e**



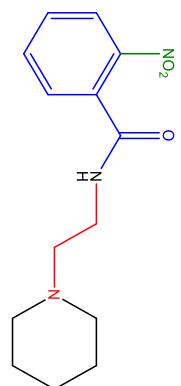
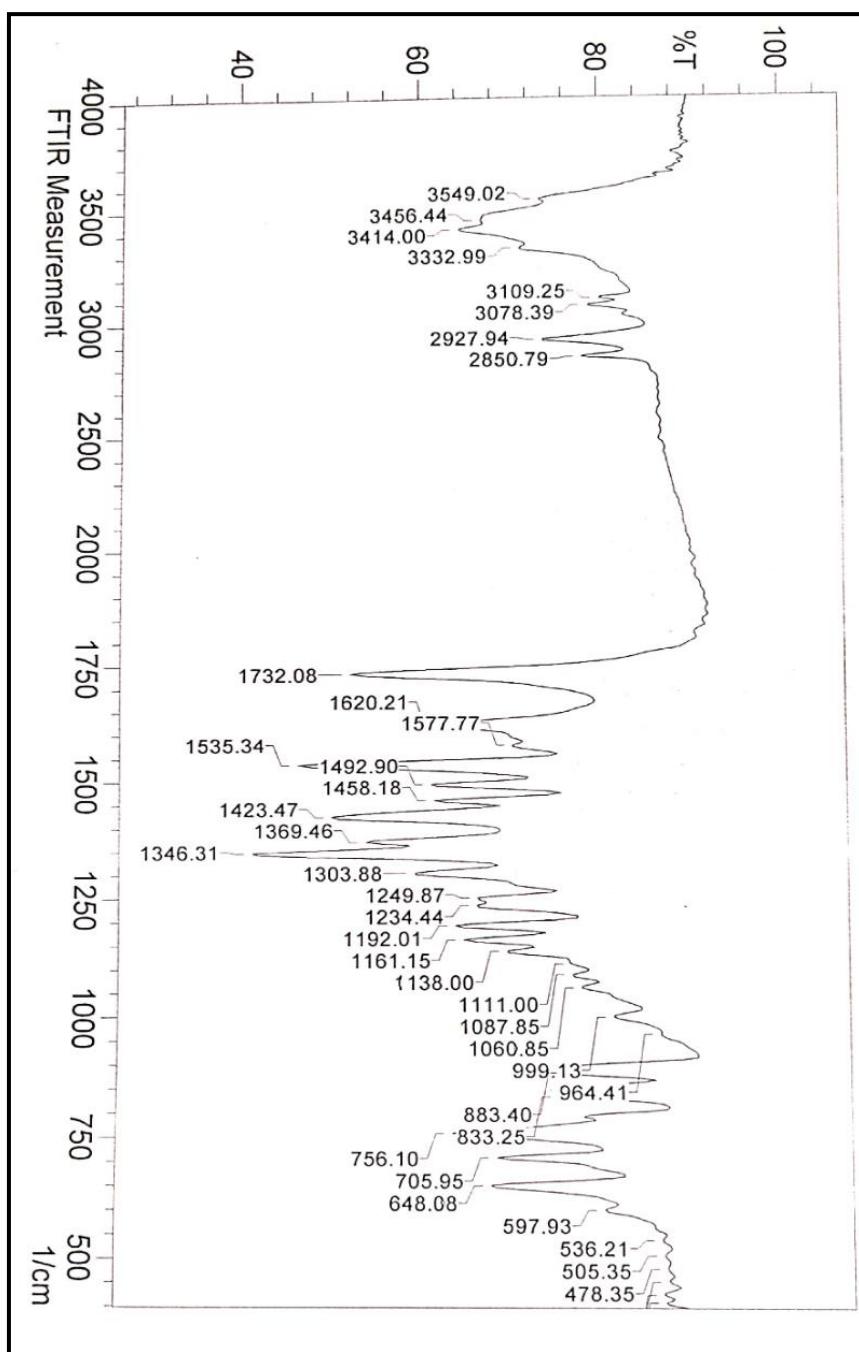
FT-IR spectrum of compound 5f



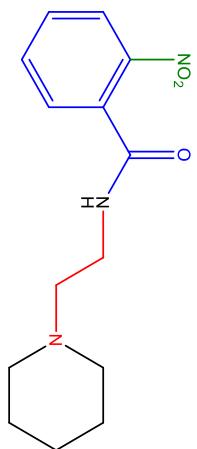
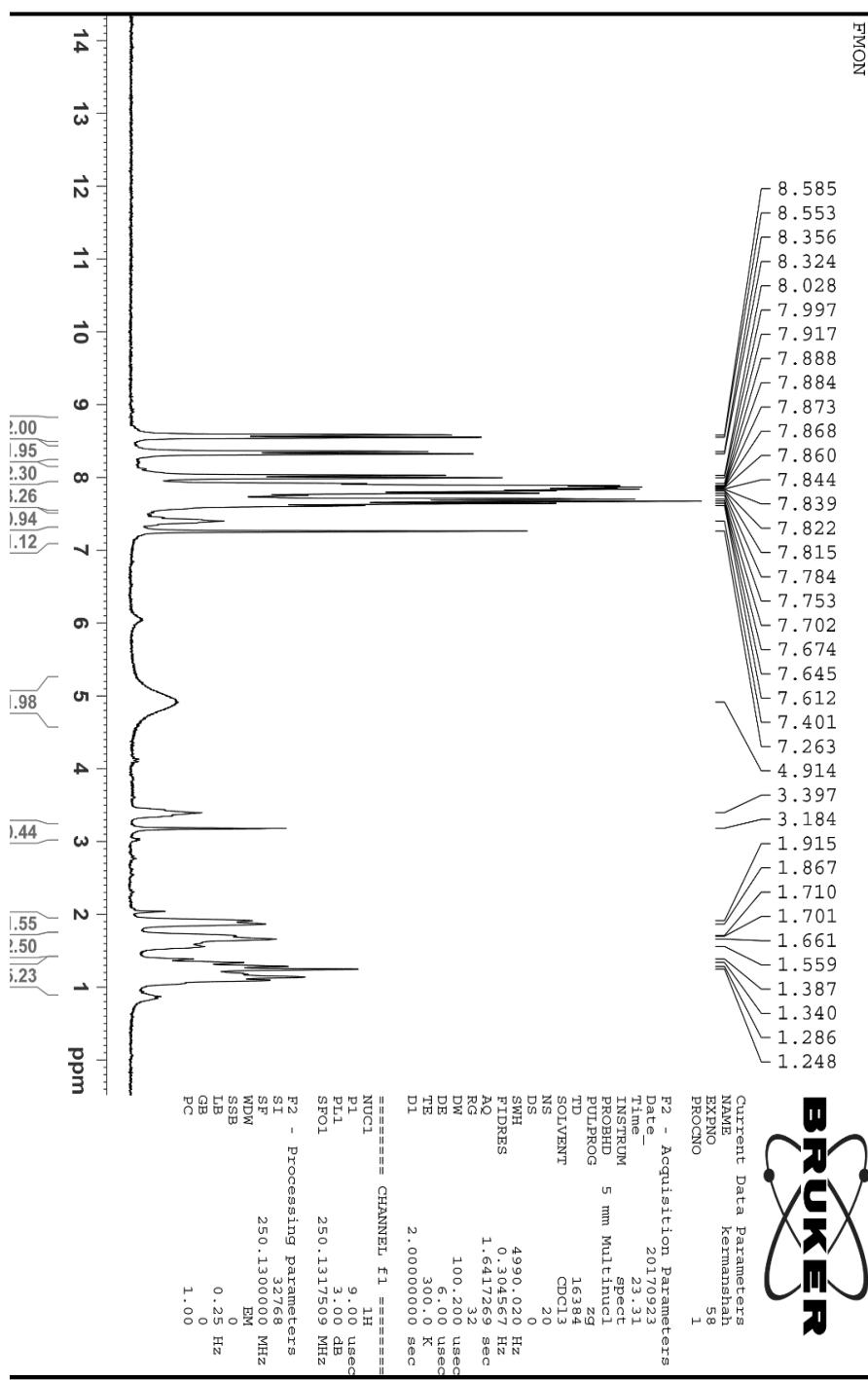
**1H NMR spectrum of compound 5f**



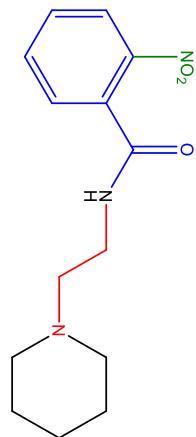
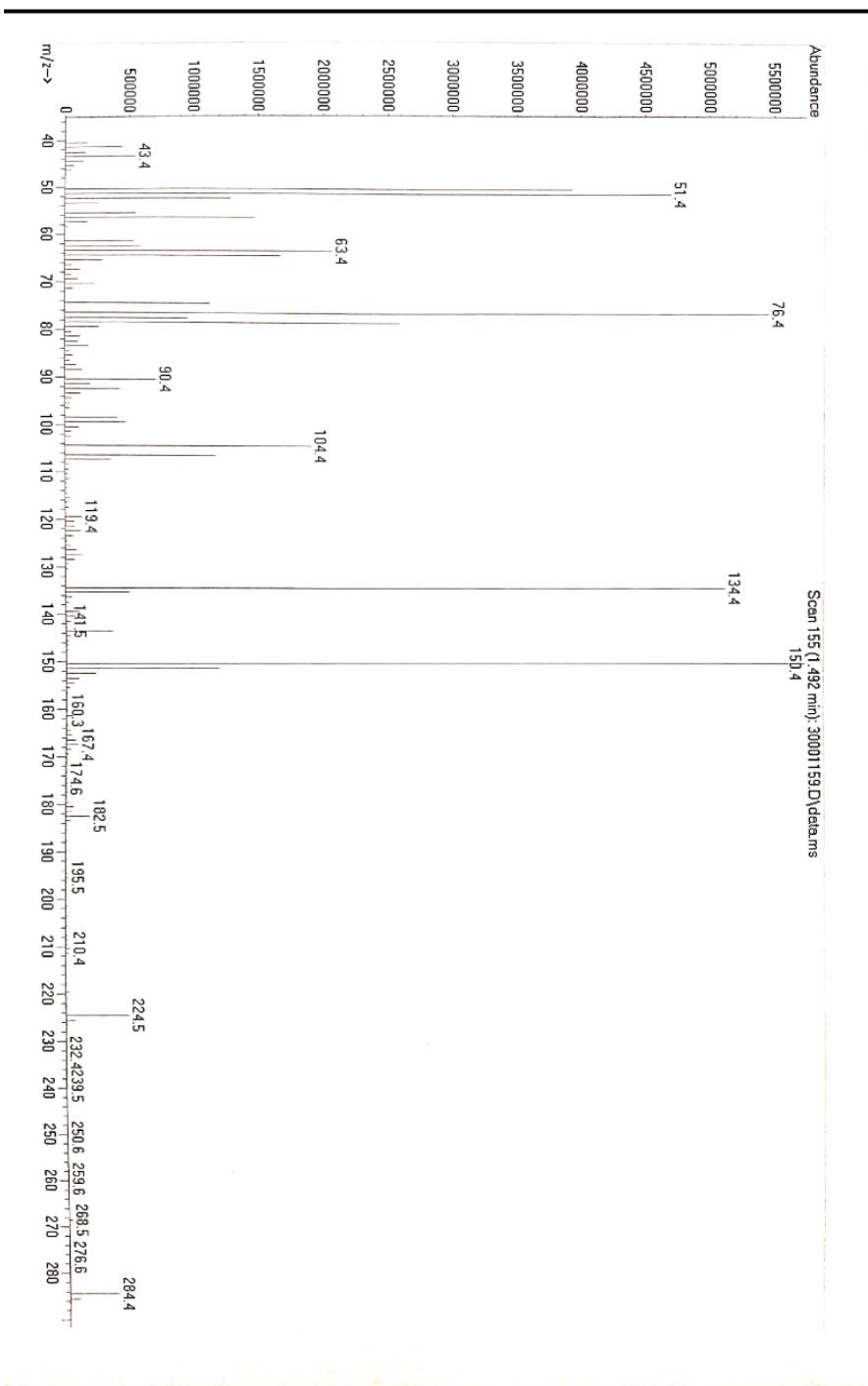
FT-IR spectrum of compound 5g



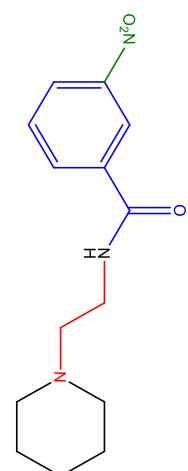
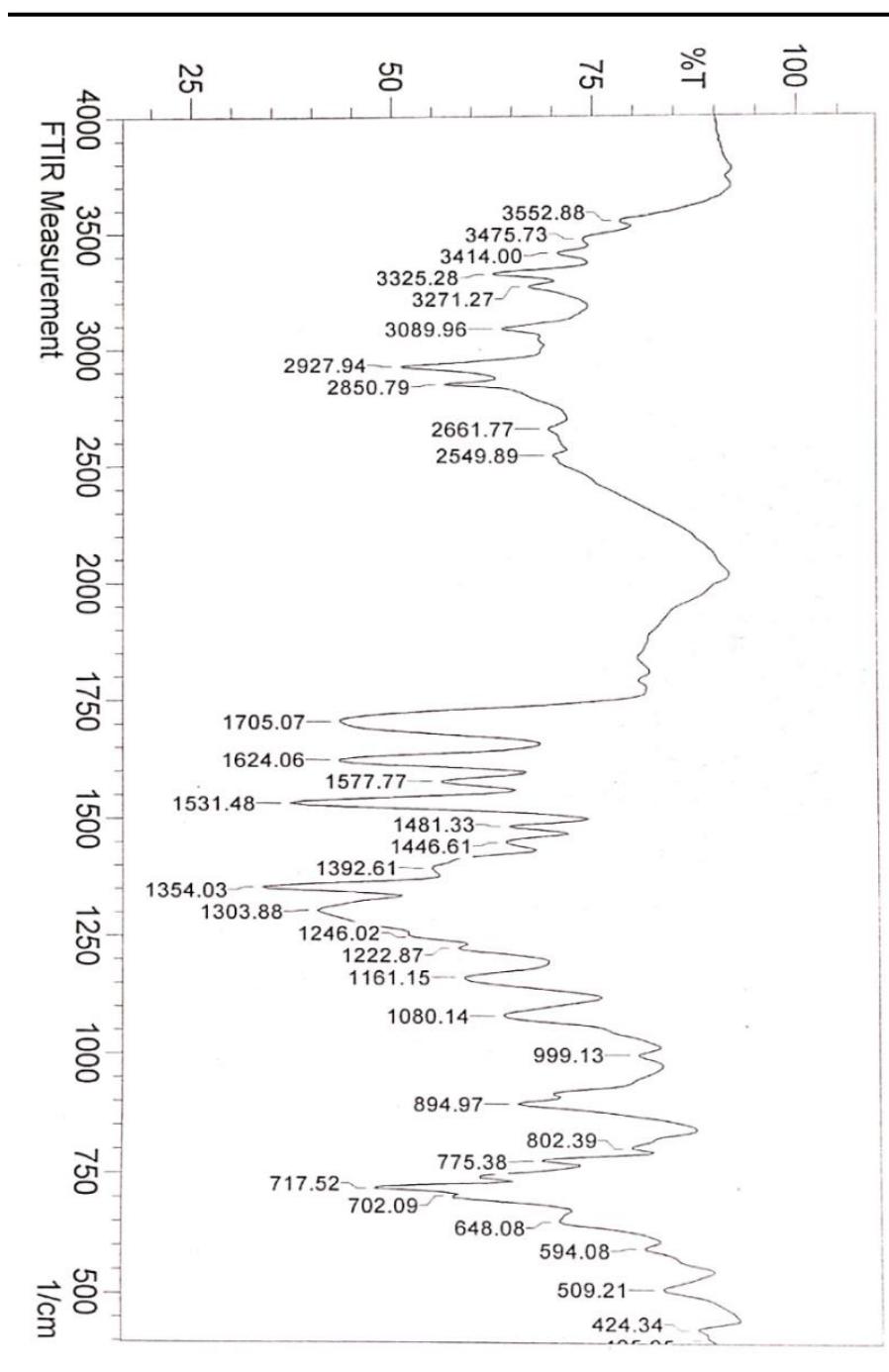
**1H NMR spectrum of compound 5g**



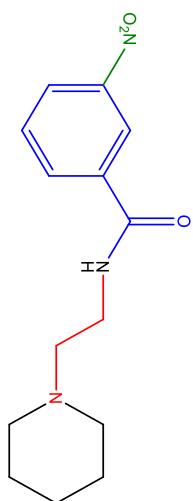
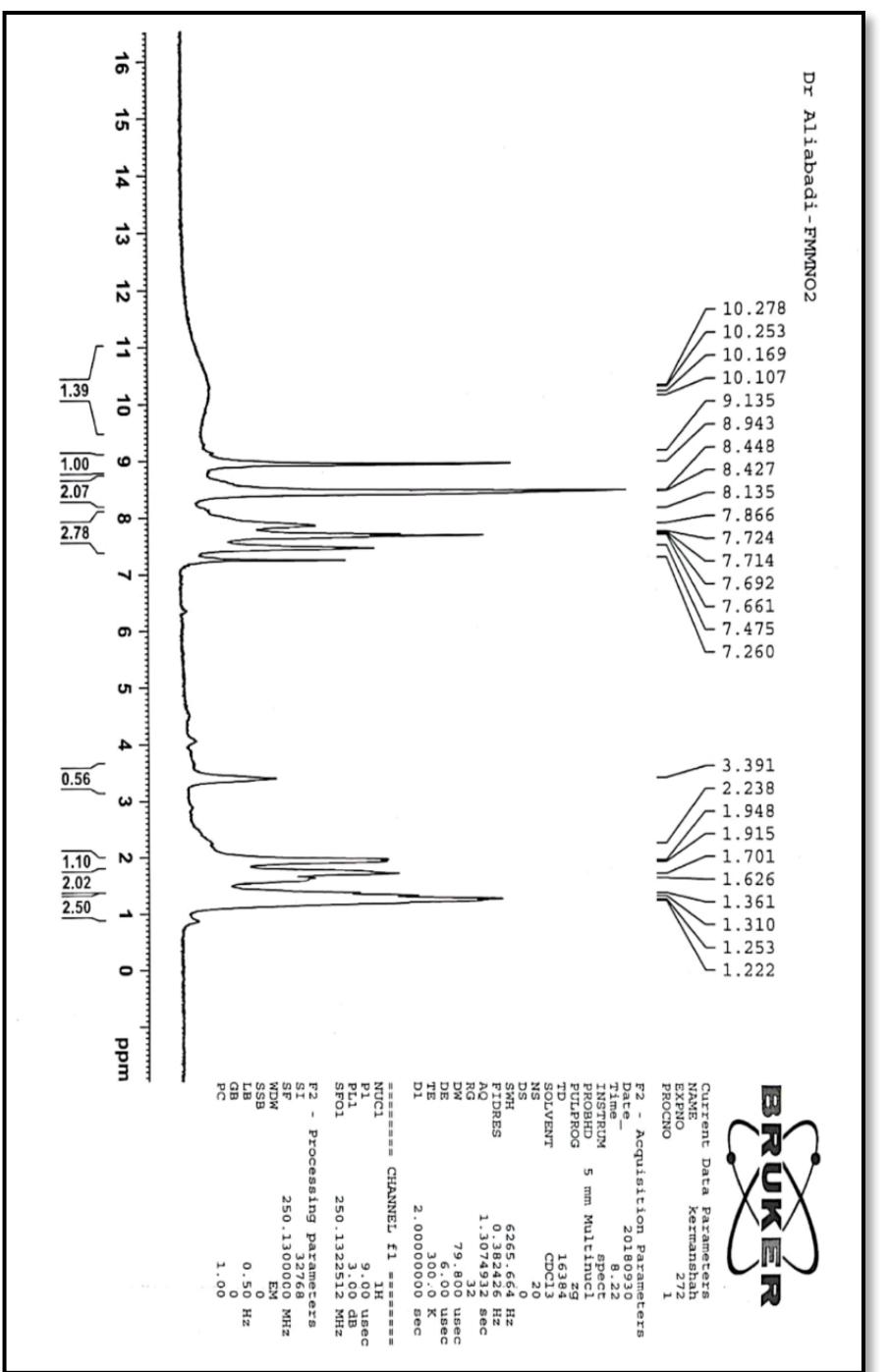
**MS spectrum of compound 5g**



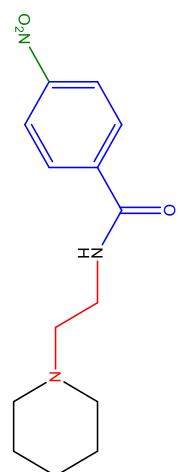
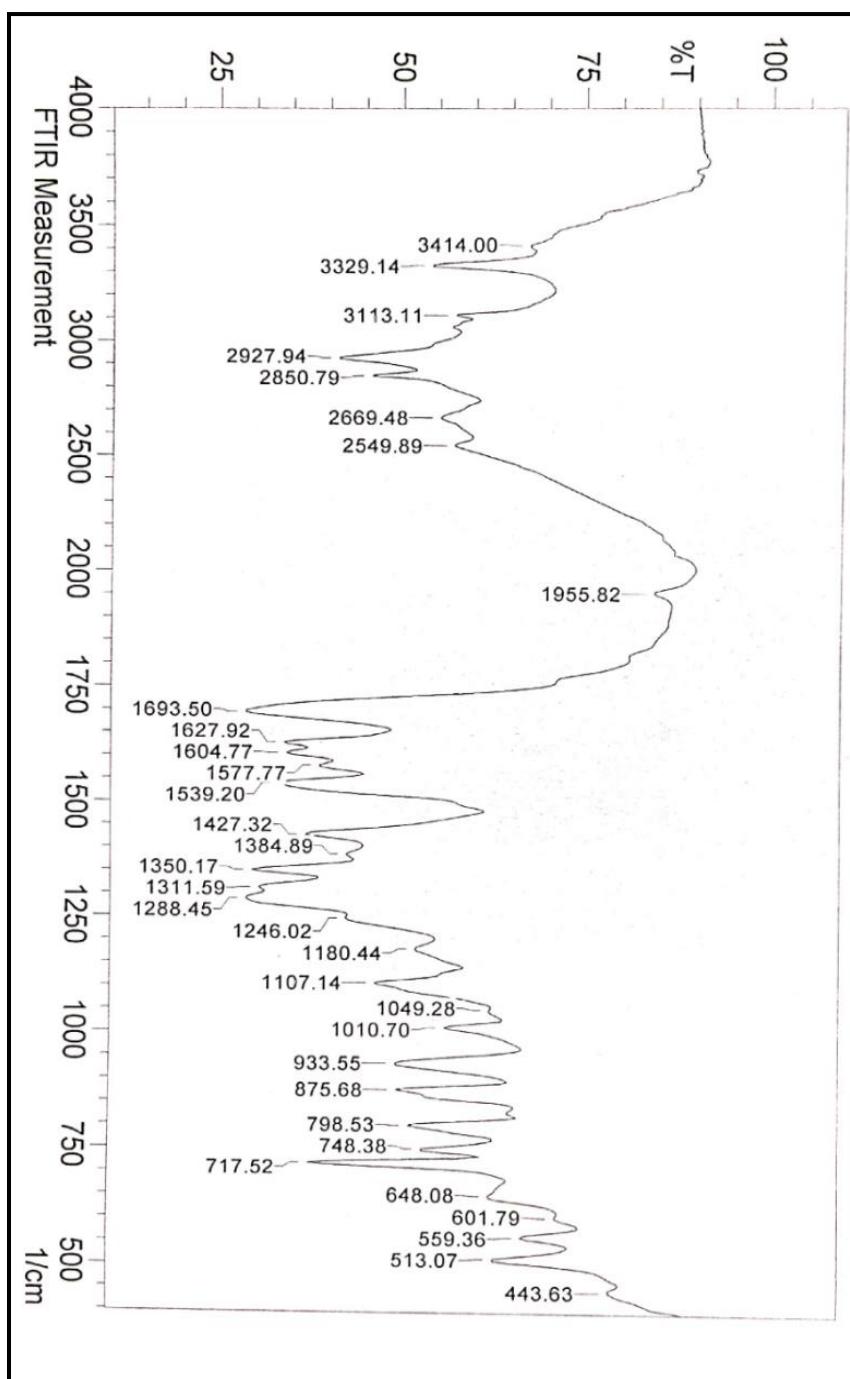
FT-IR spectrum of compound 5h



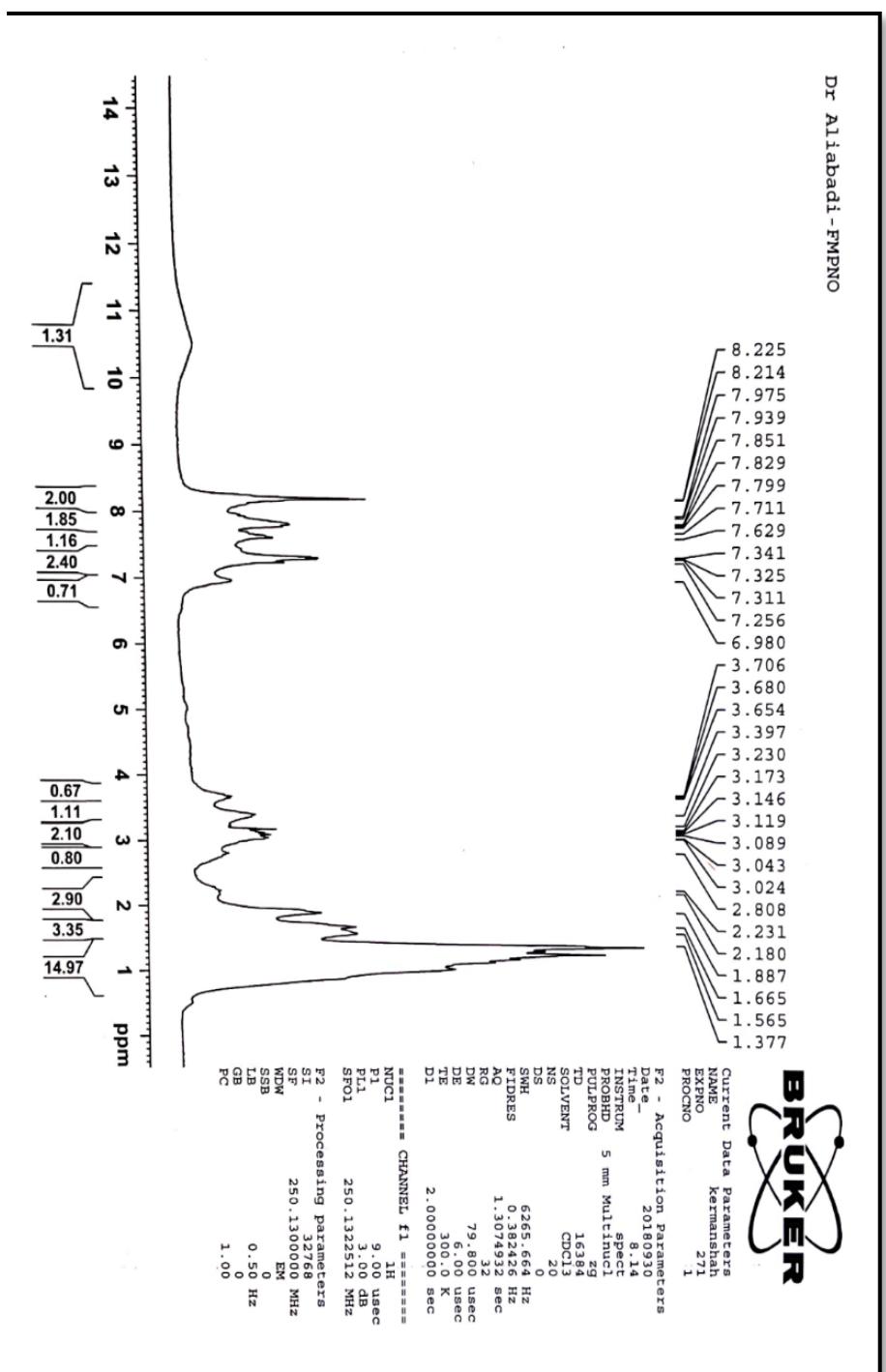
**1H NMR spectrum of compound 5h**



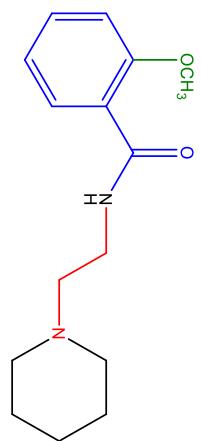
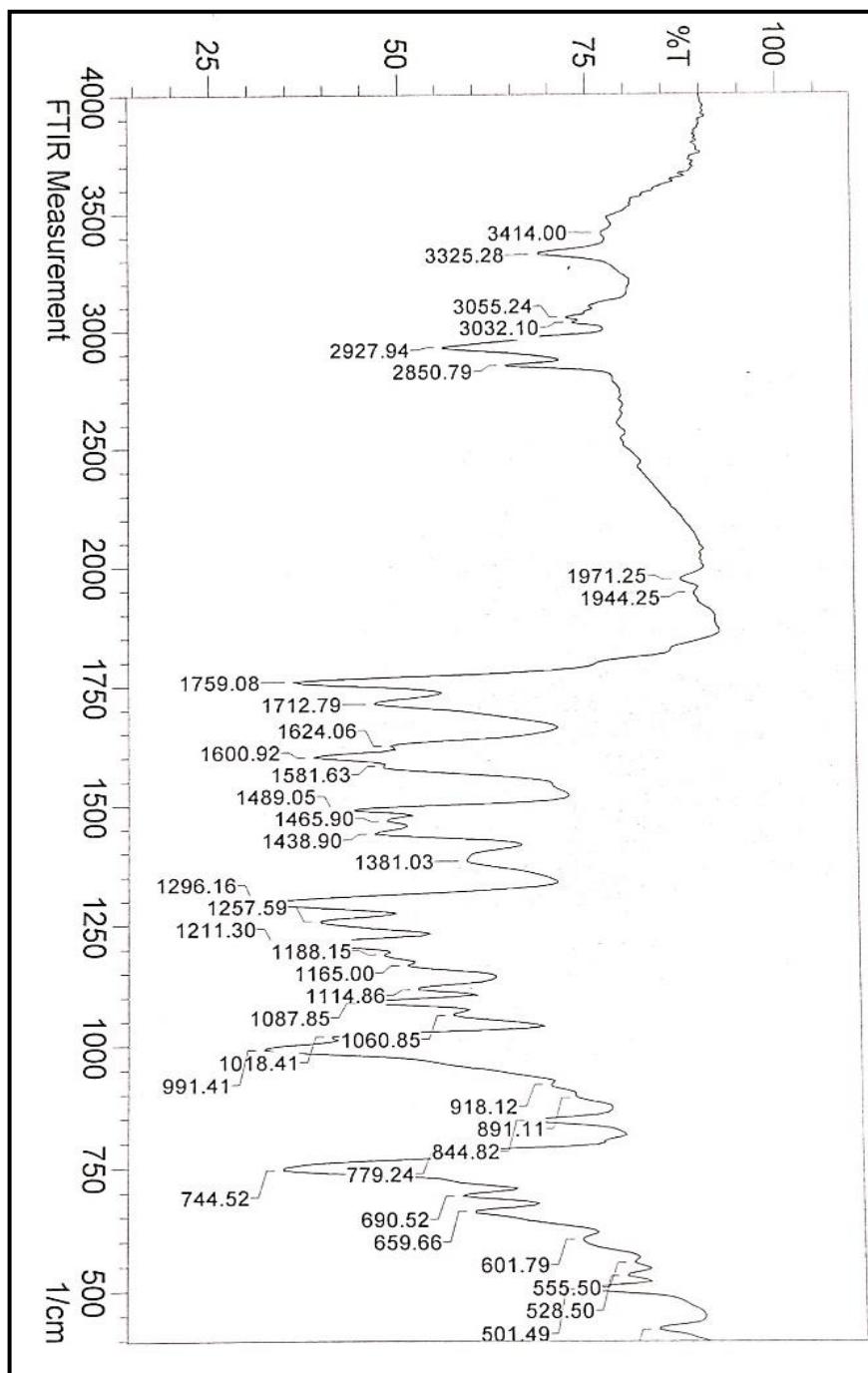
FT-IR spectrum of compound 5i



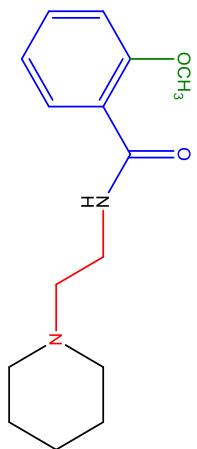
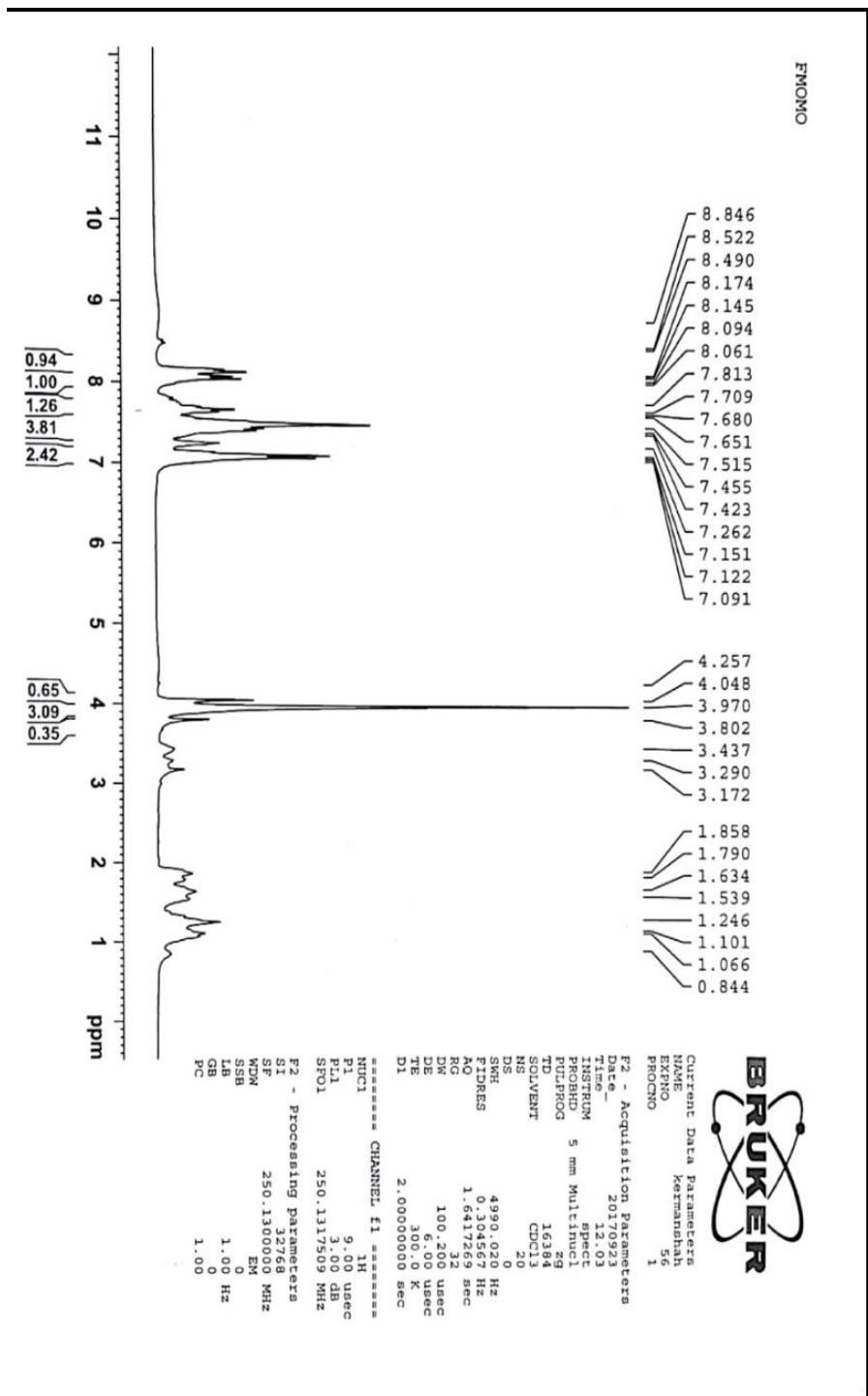
**1H NMR spectrum of compound 5i**



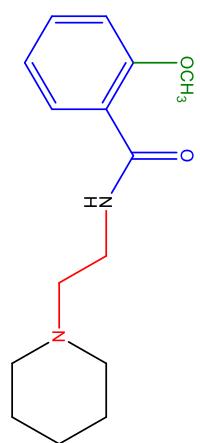
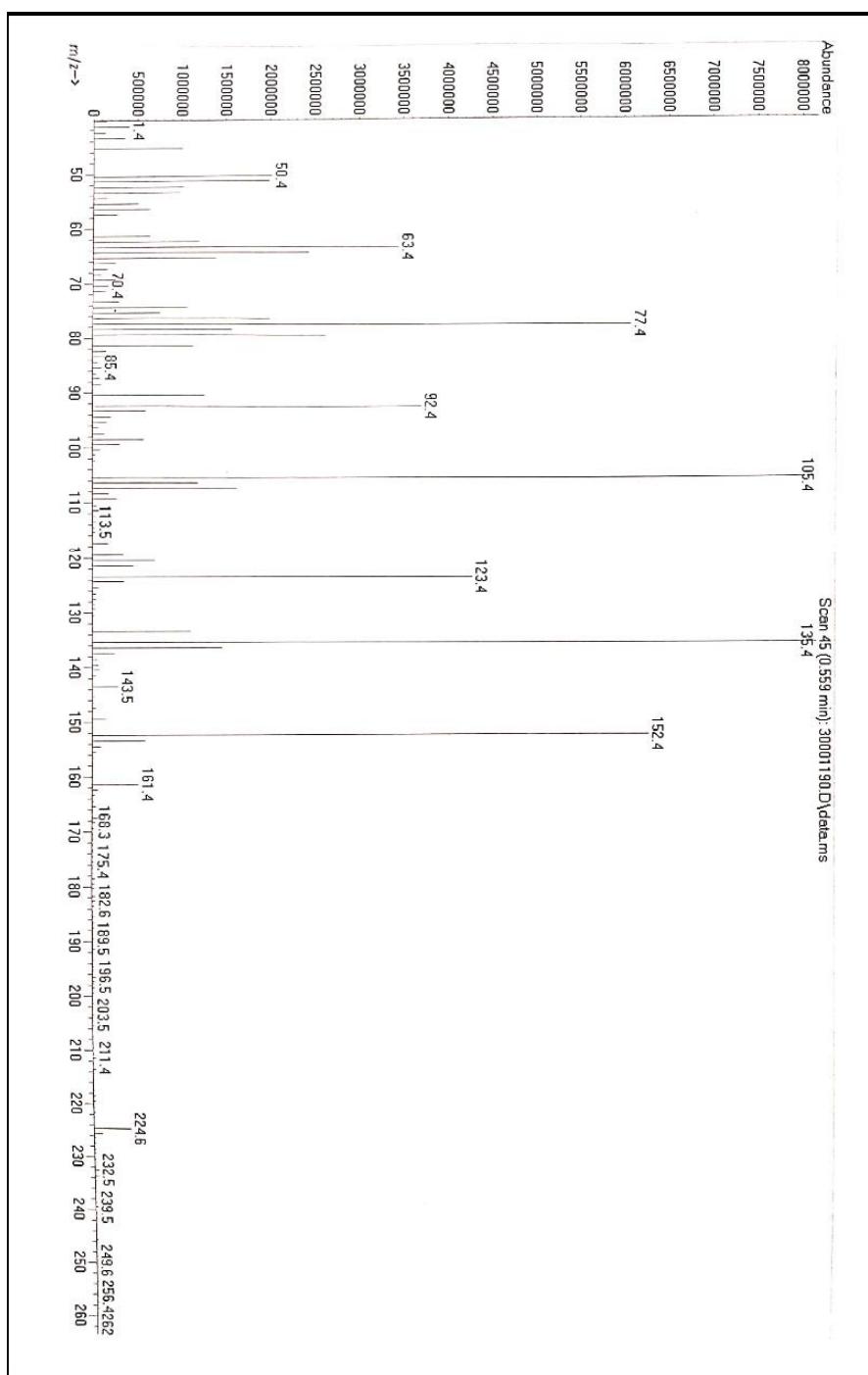
FT-IR spectrum of compound 5j



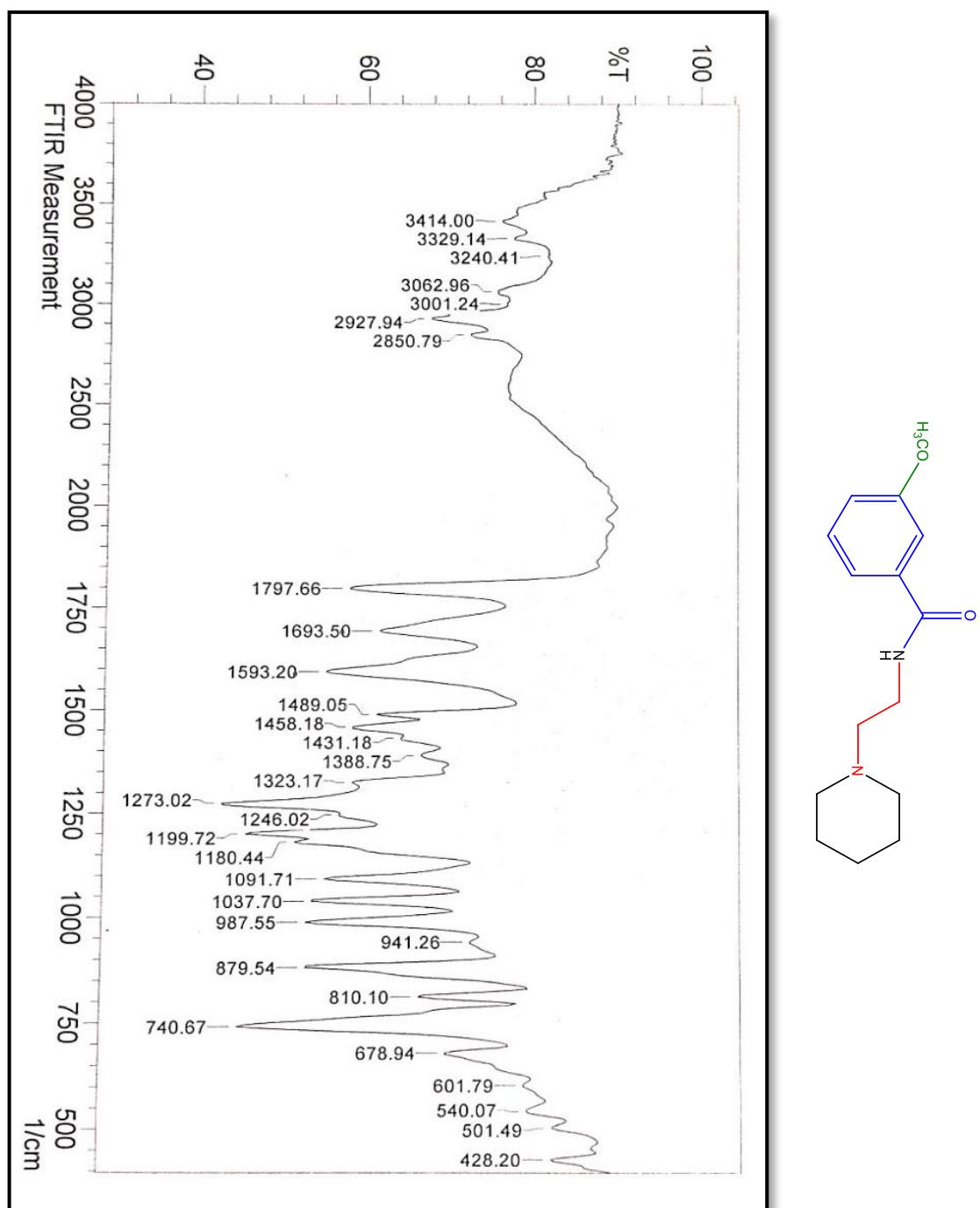
**1H NMR spectrum of compound 5j**



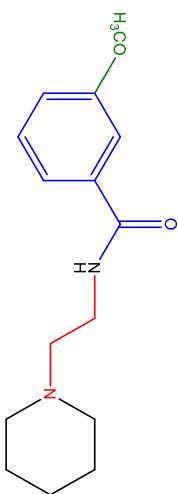
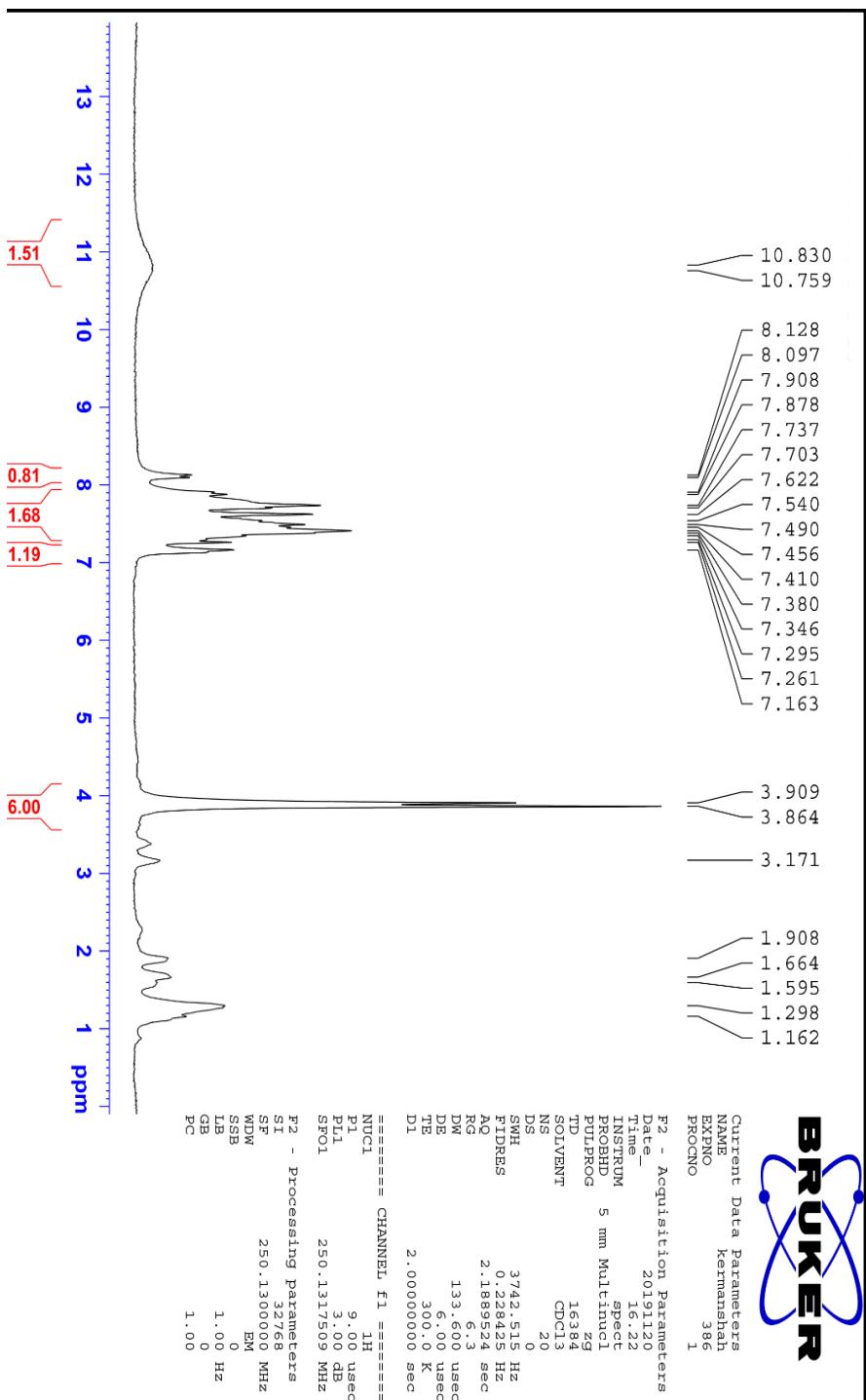
### MS spectrum of compound 5j



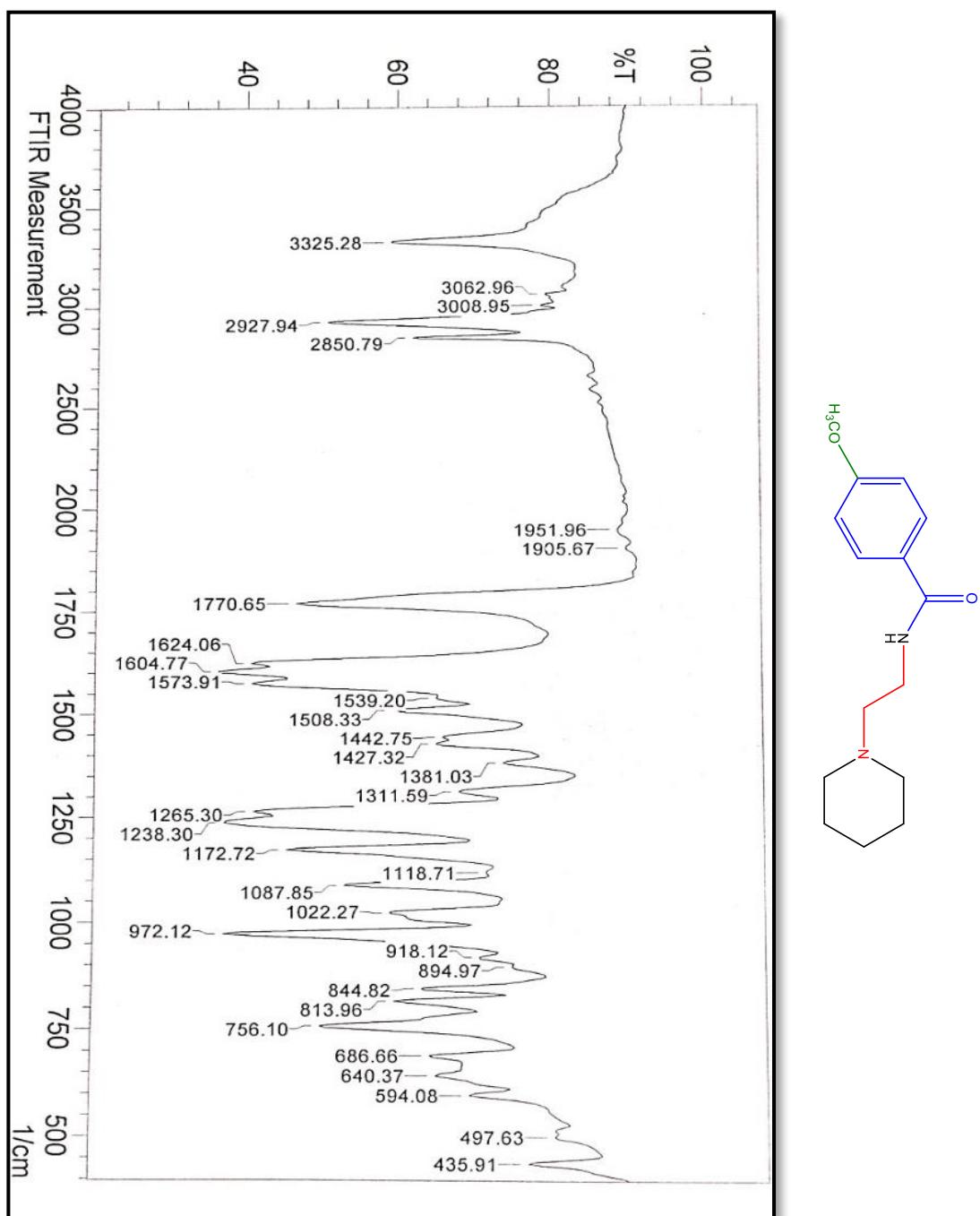
FT-IR spectrum of compound 5k



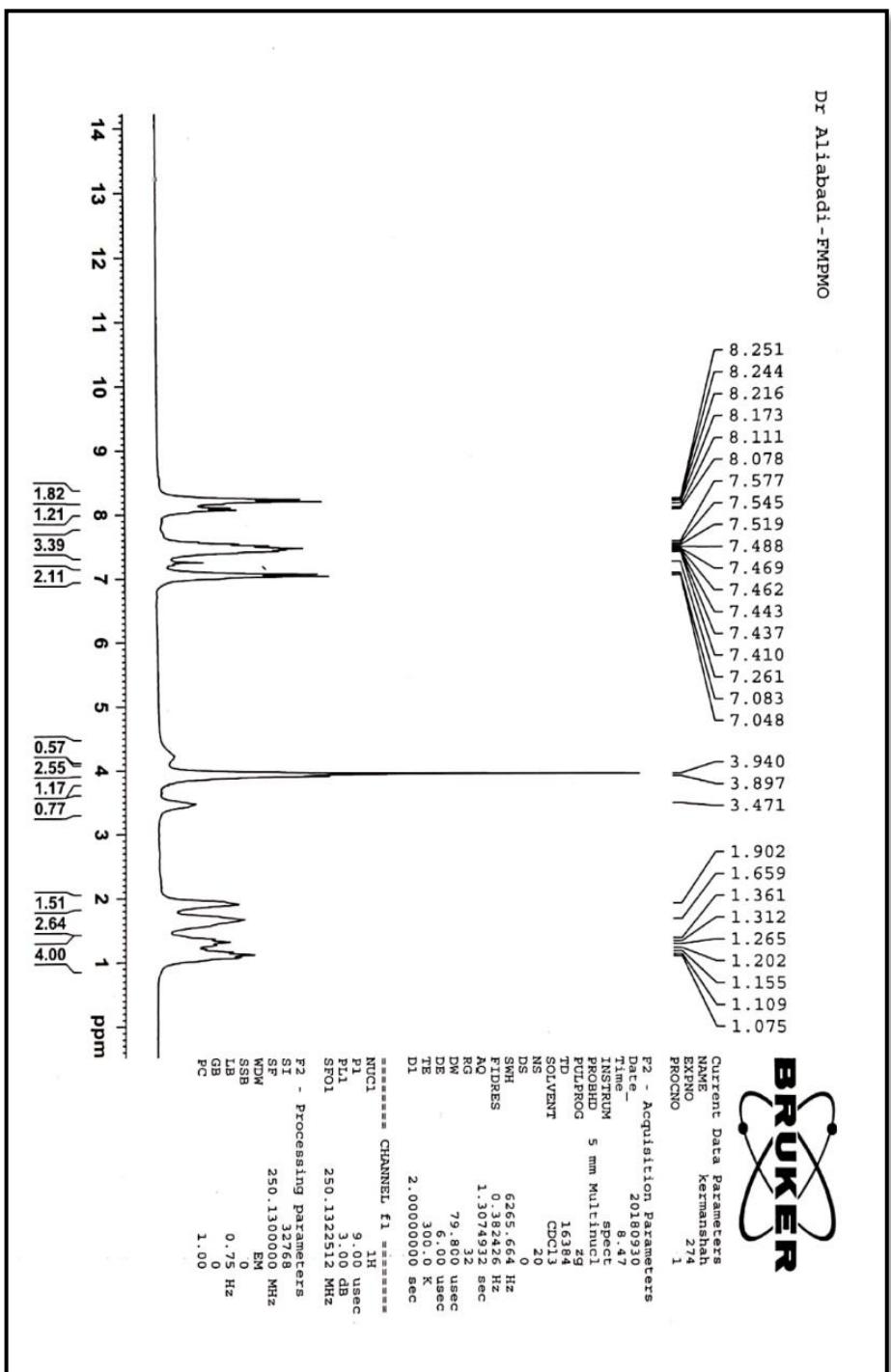
**<sup>1</sup>H NMR spectrum of compound 5k**



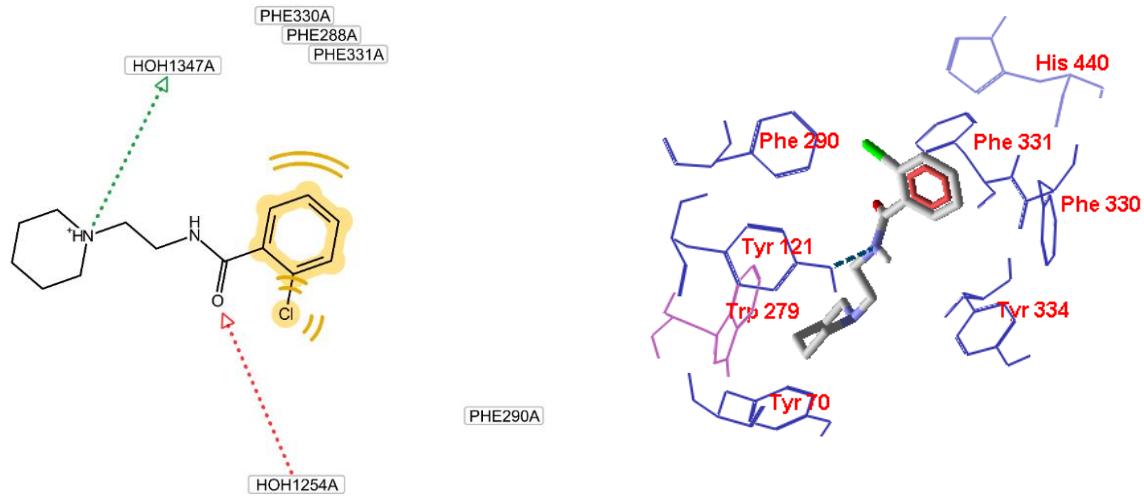
FT-IR spectrum of compound 5l



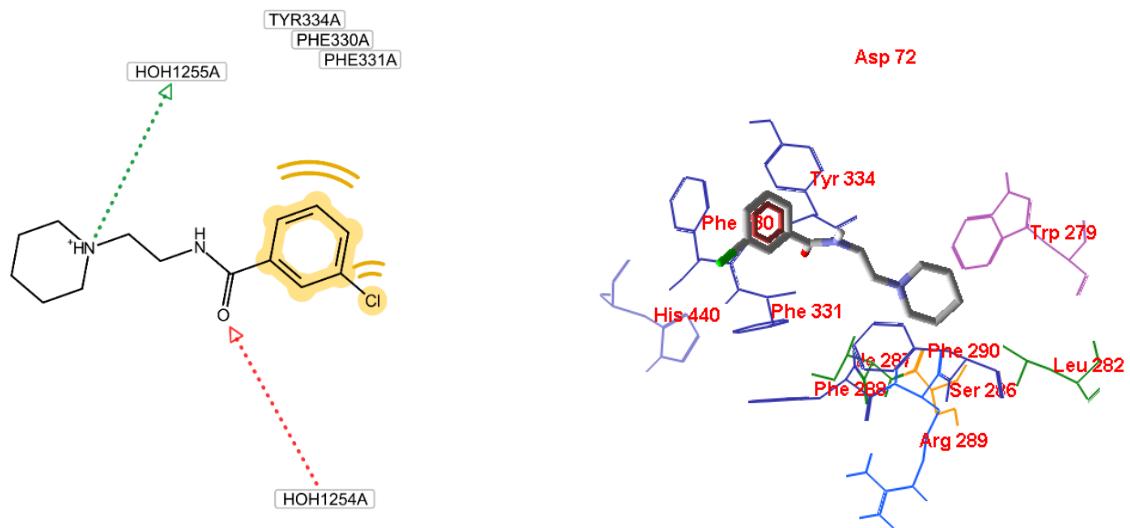
**1H NMR spectrum of compound 5l**



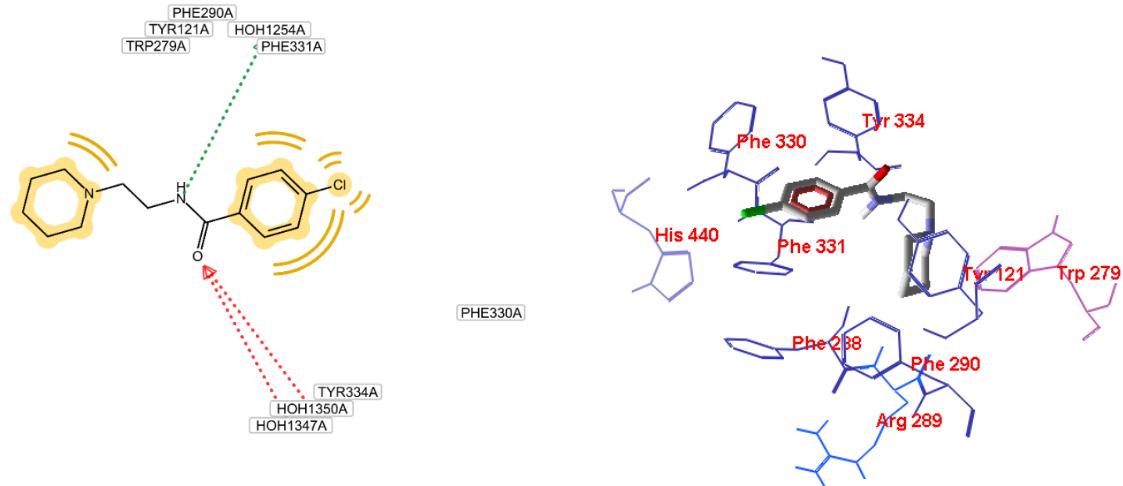
### Compound 5a (2-Cl)



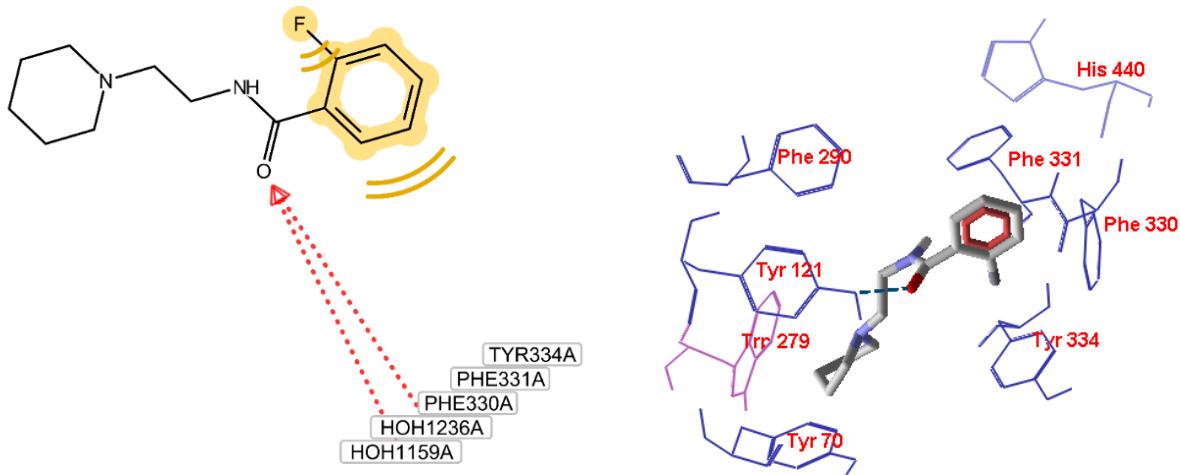
### Compound 5b (3-Cl)



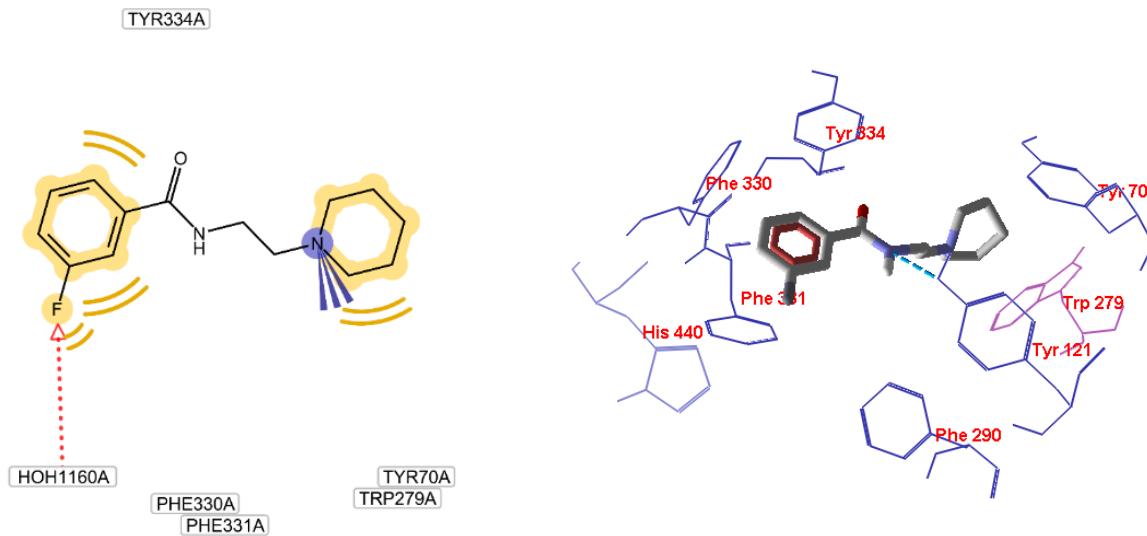
### Compound 5c (4-Cl)



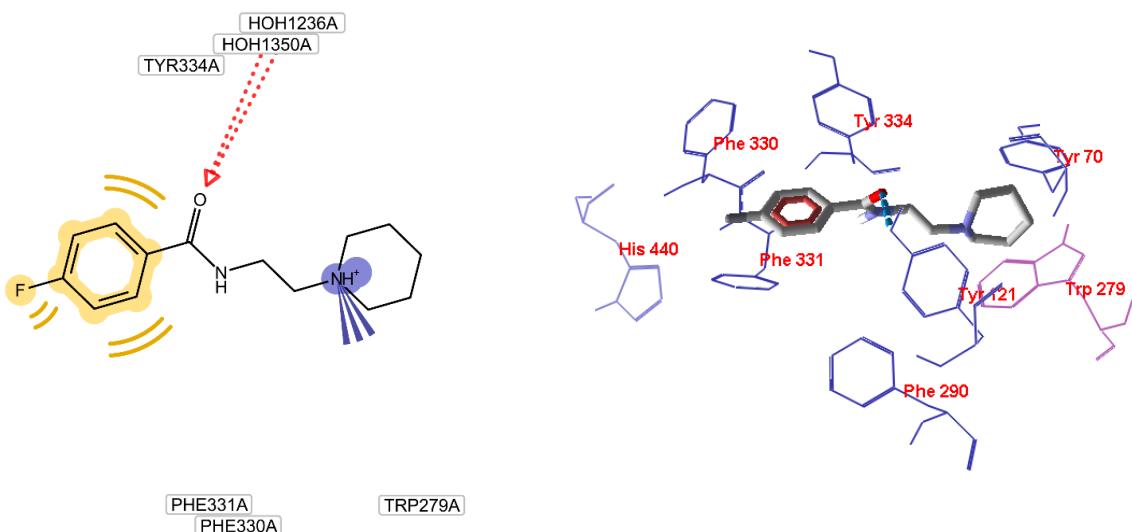
### Compound 5d (2-F)



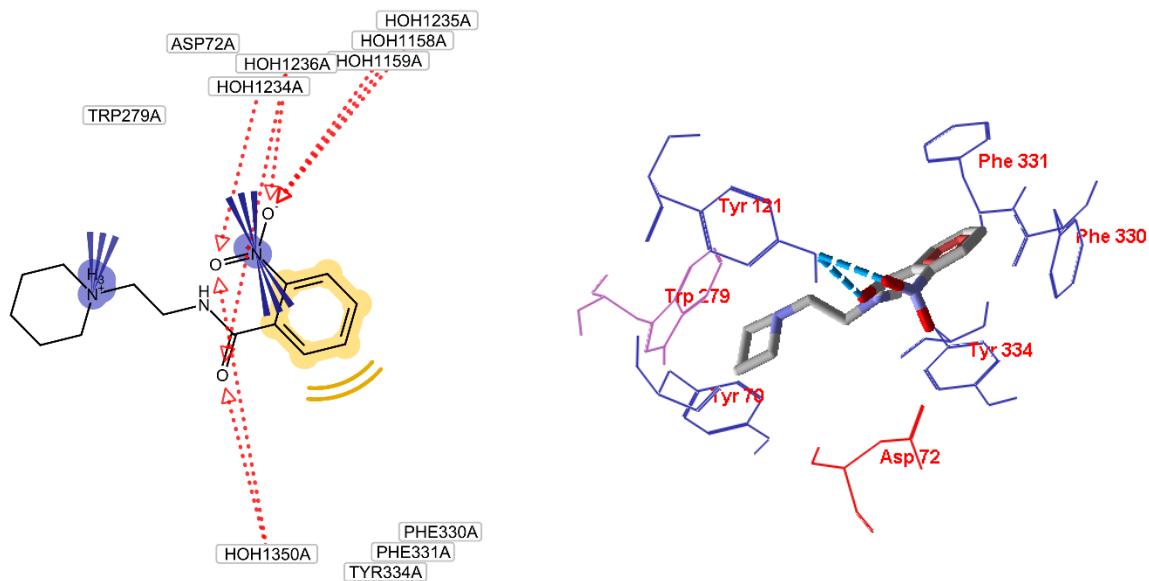
### Compound 5e (3-F)



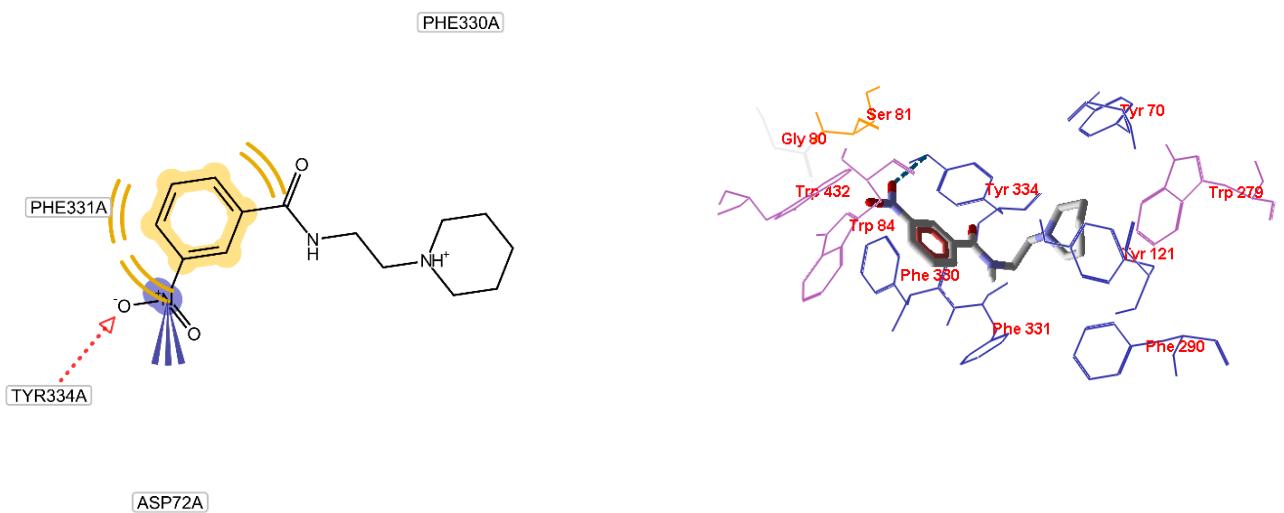
### Compound 5f (4-F)



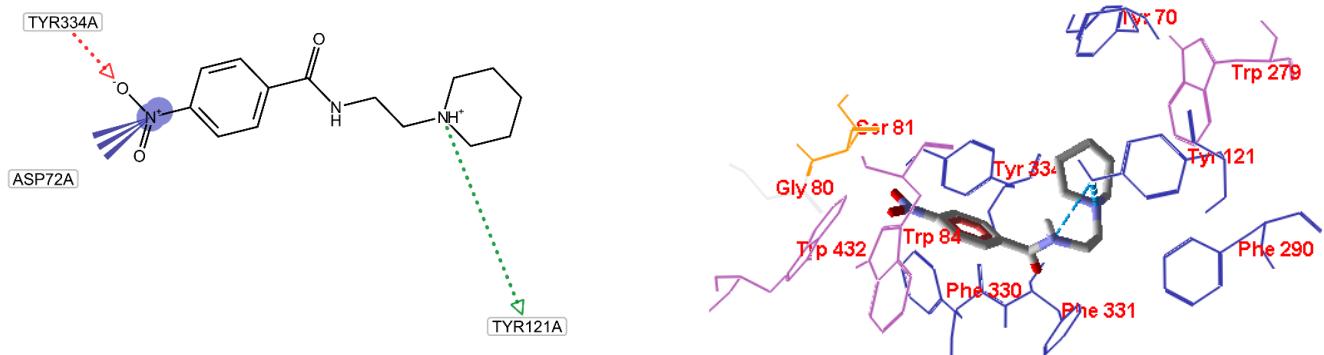
### Compound 5g (2-NO<sub>2</sub>)



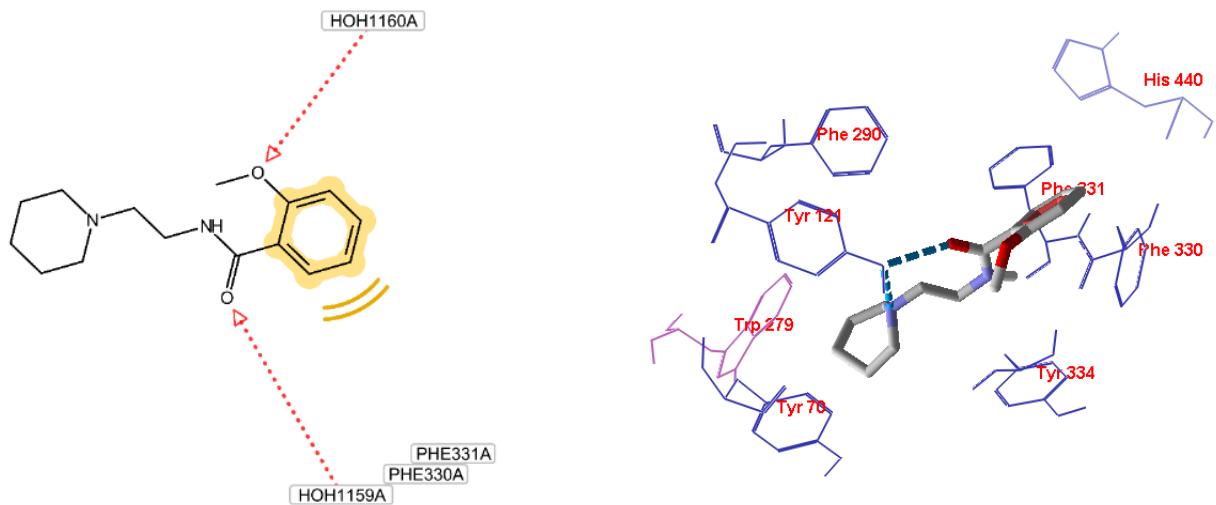
### Compound 5h (3-NO<sub>2</sub>)



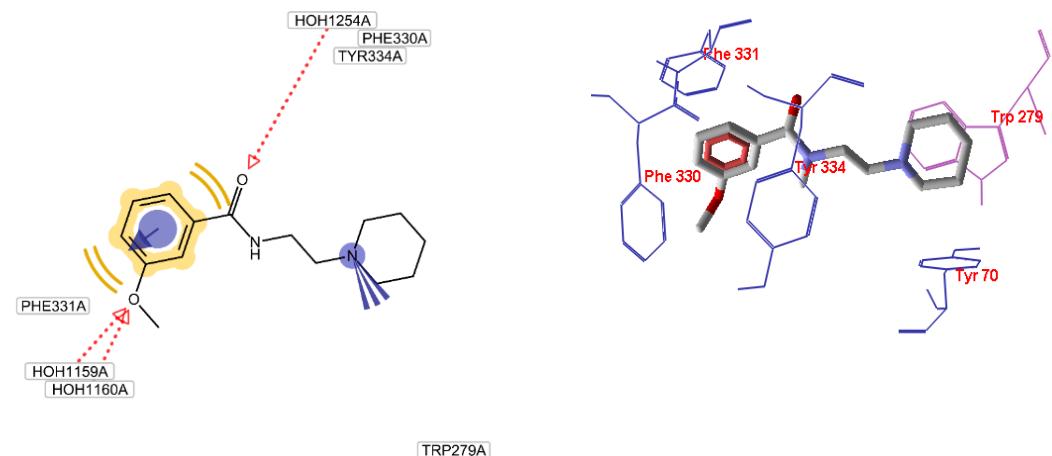
### Compound 5i (4-NO<sub>2</sub>)



### Compound 5j (2-OCH<sub>3</sub>)



### Compound 5k (3-OCH<sub>3</sub>)



### Compound 5l (4-OCH<sub>3</sub>)

