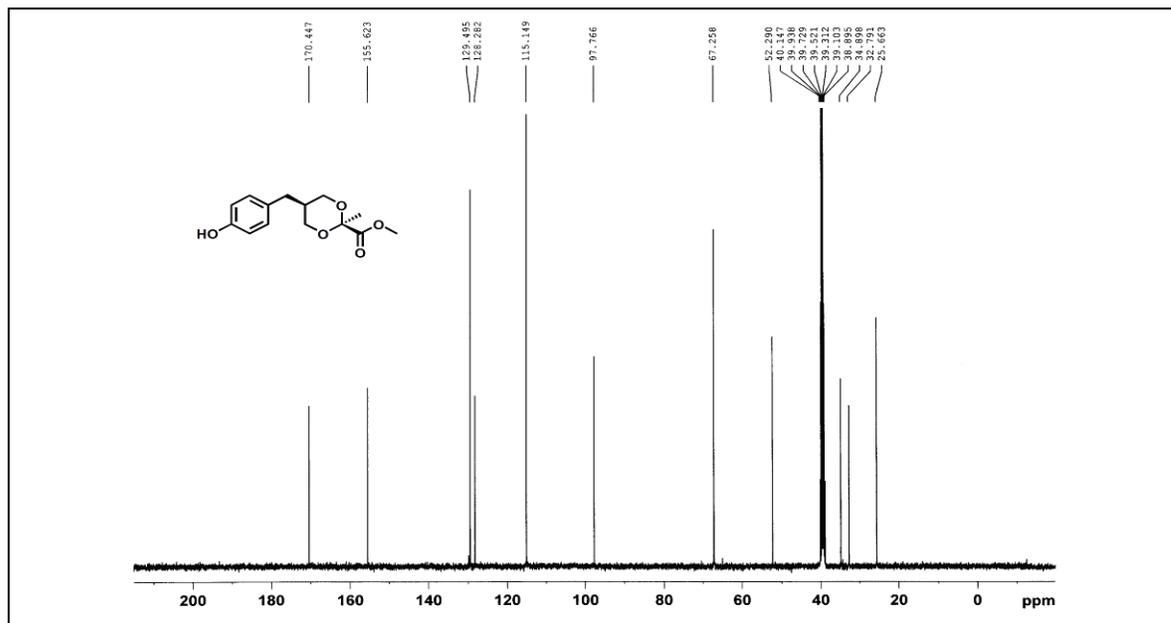
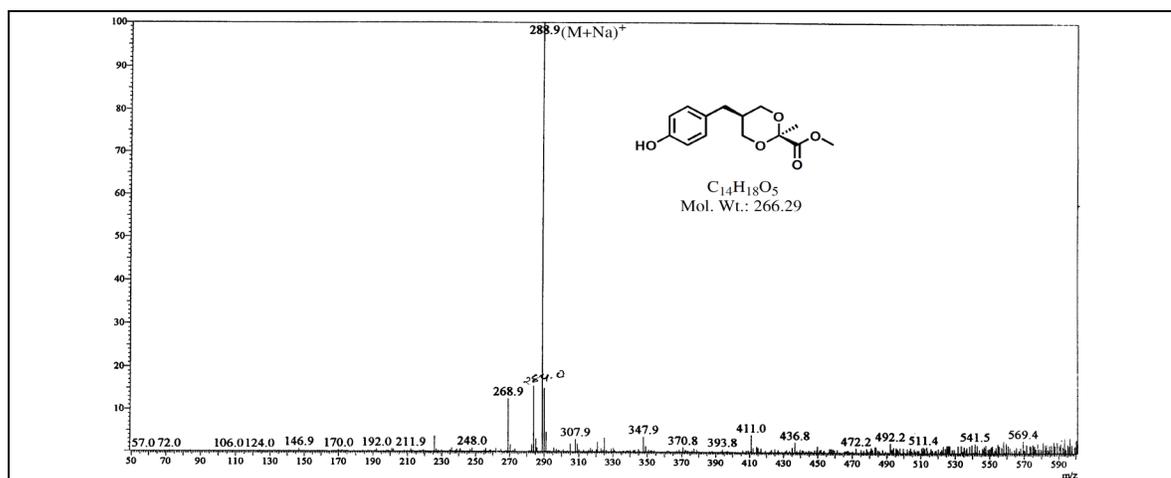
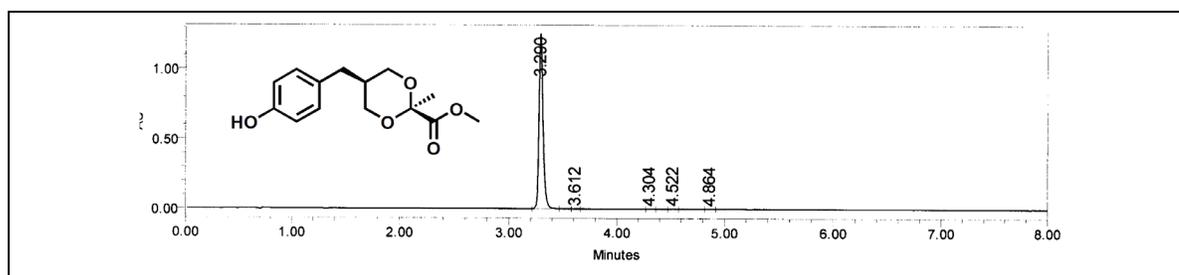
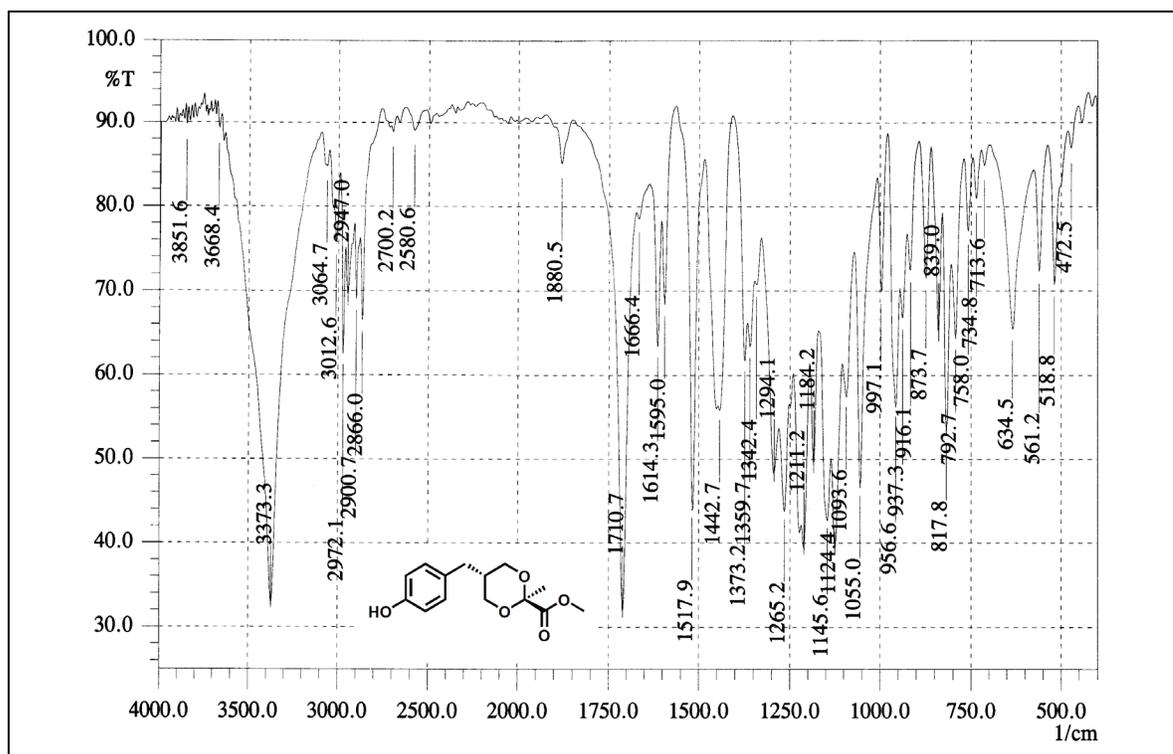
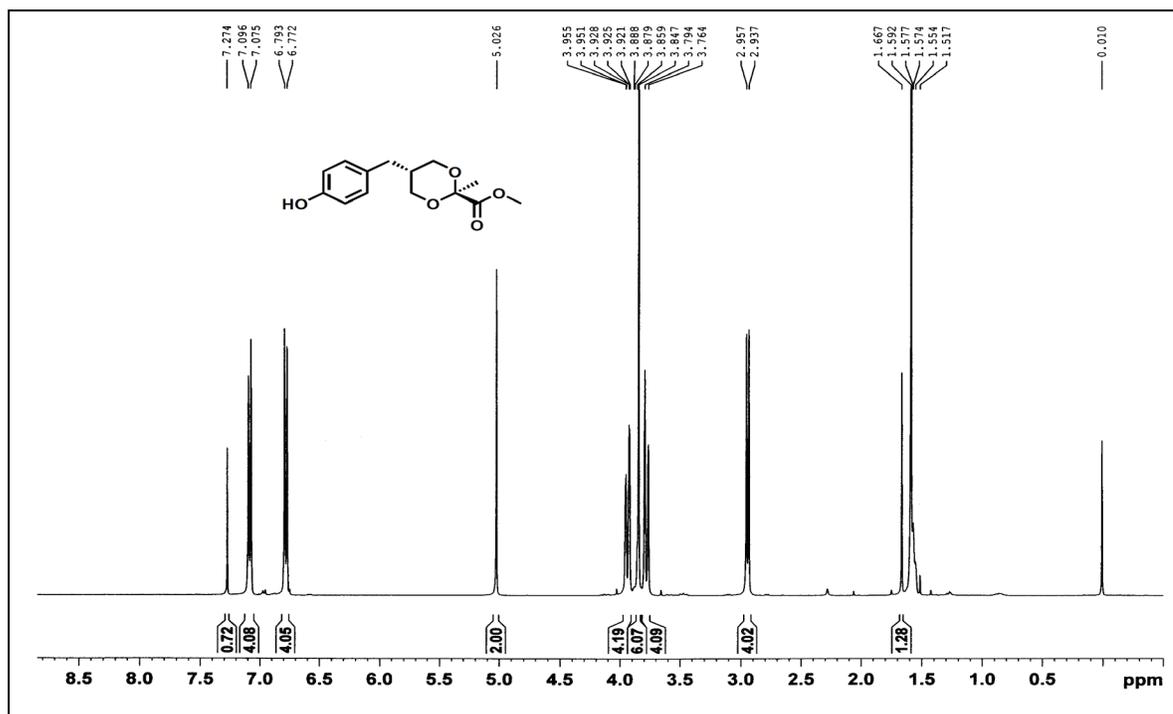


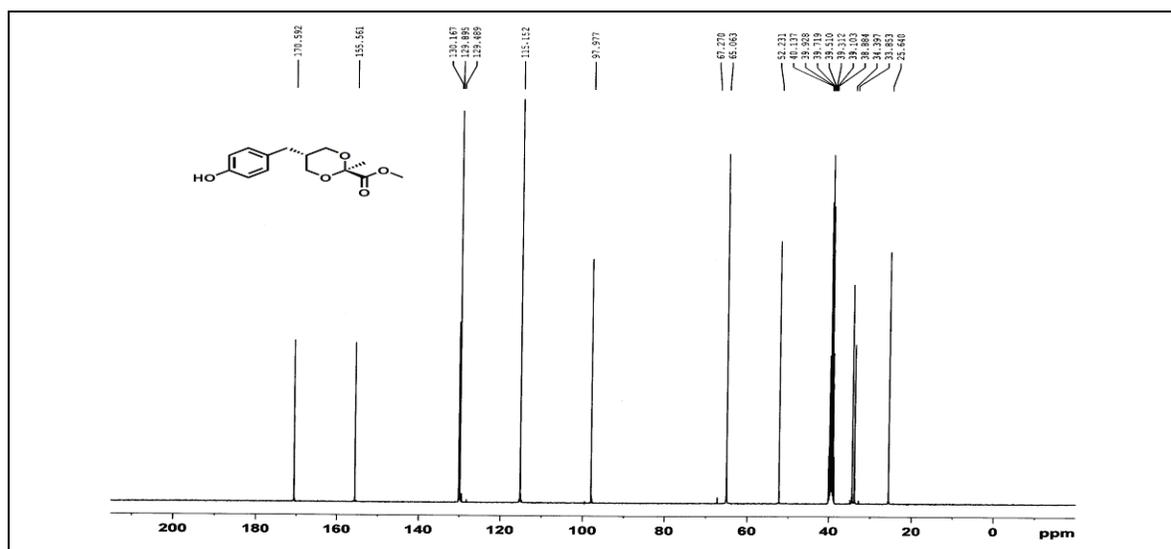
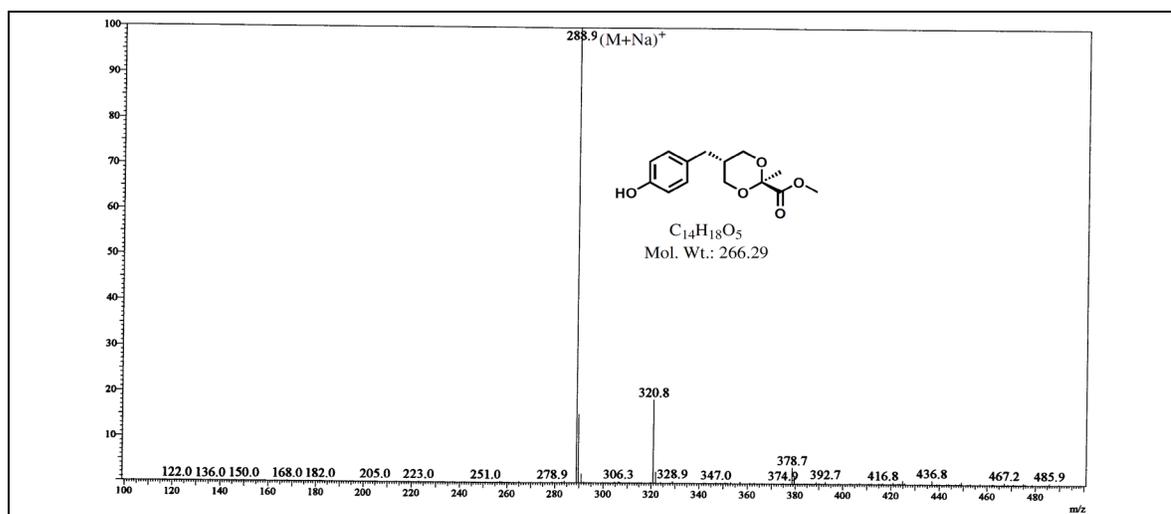
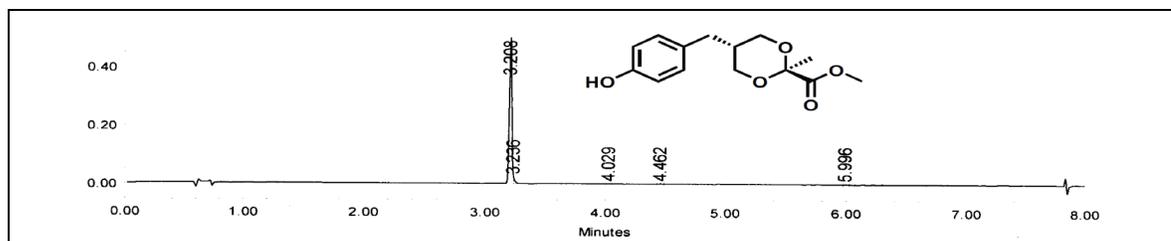
# SPECTRA



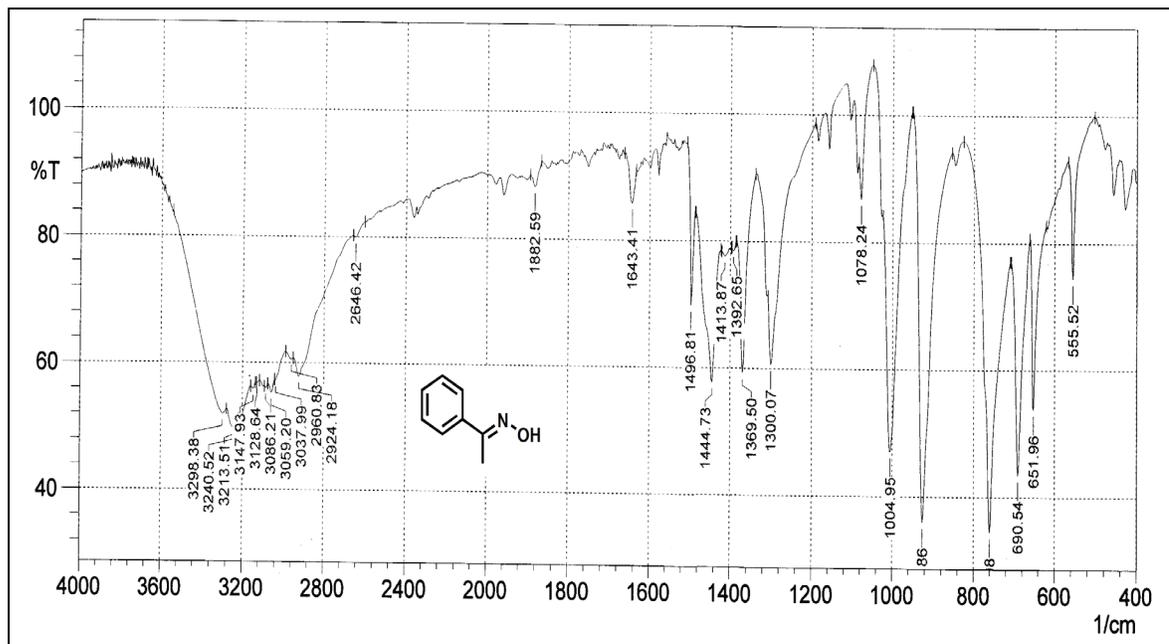
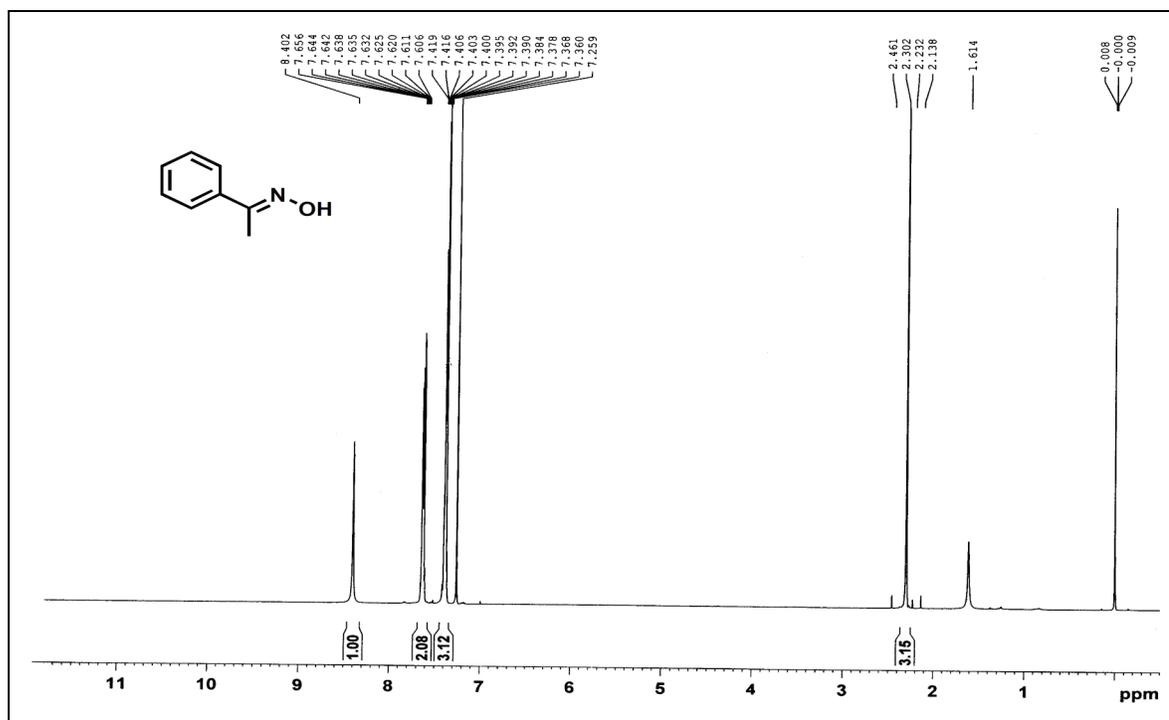
**$^{13}\text{C}$  NMR of 6a****MASS of 6a****HPLC of 6a**

## IR of 6b

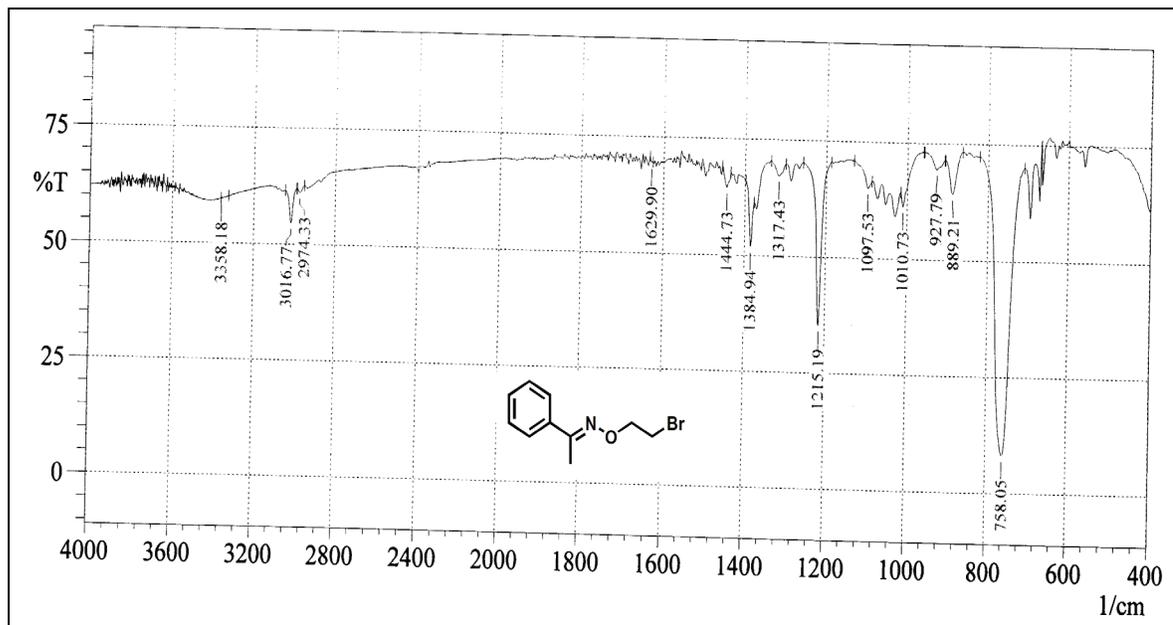
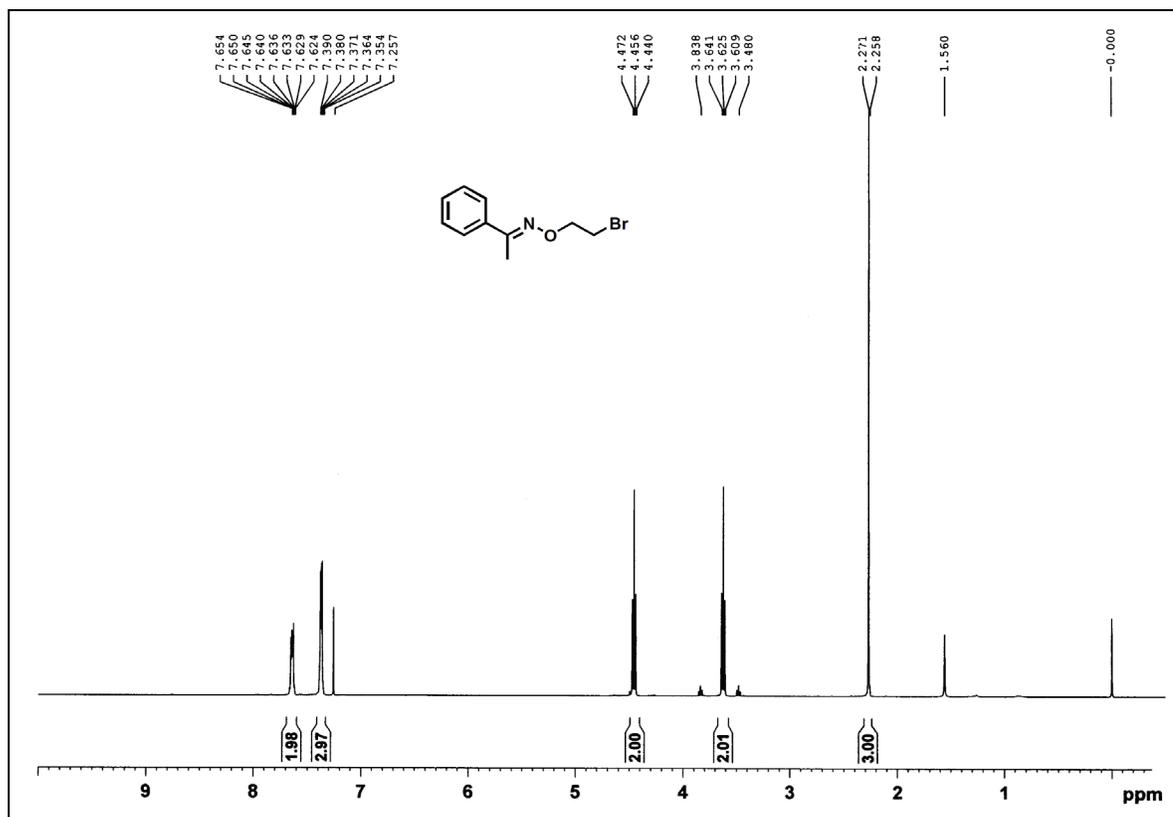
 $^1\text{H}$  NMR of 6b

**$^{13}\text{C}$  NMR of 6b****MASS of 6b****HPLC of 6b**

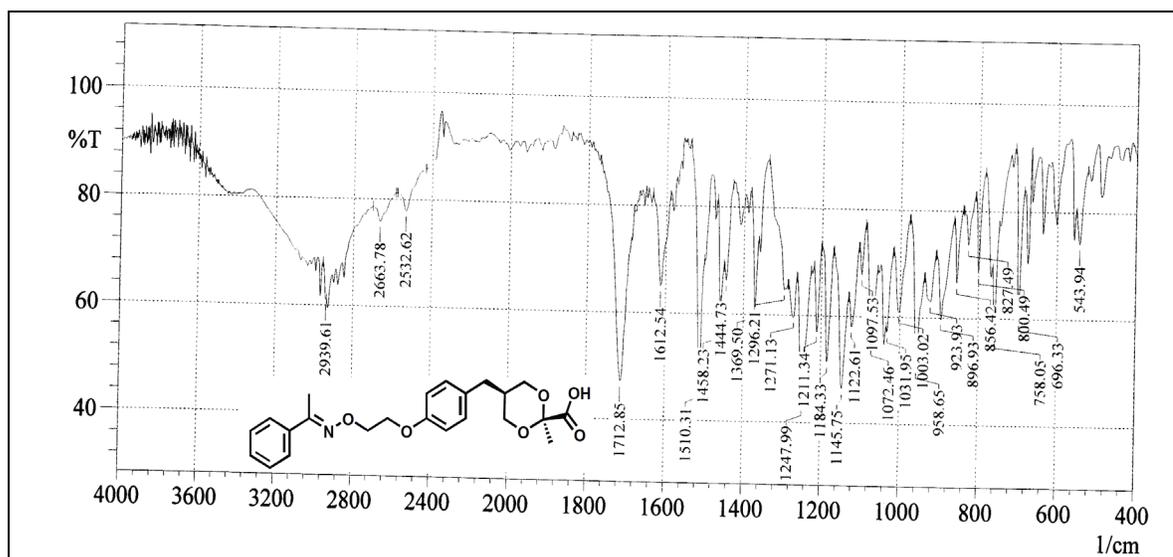
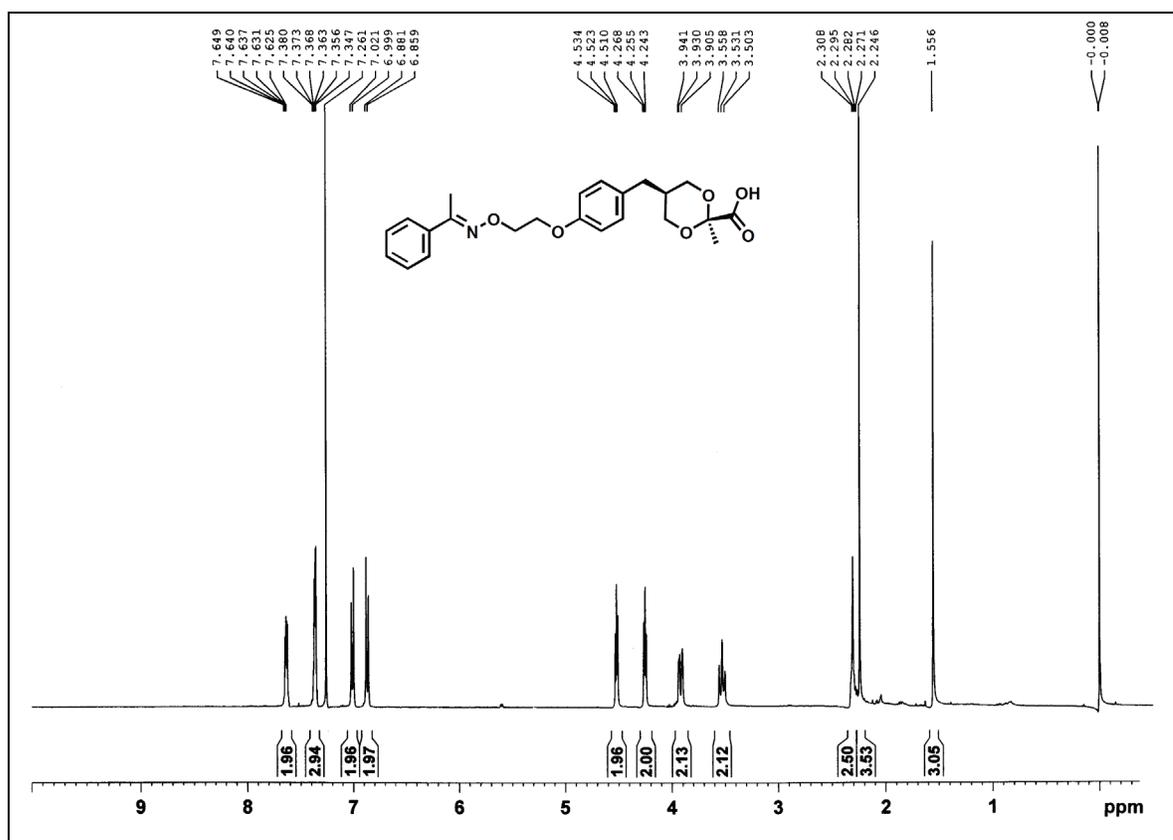
## IR of 8a

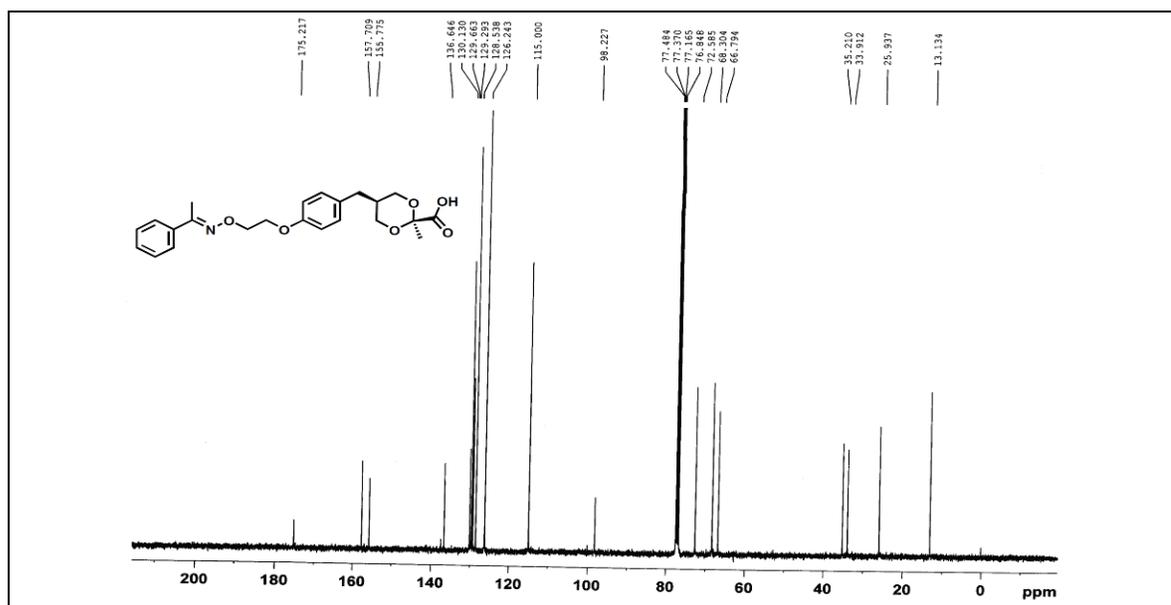
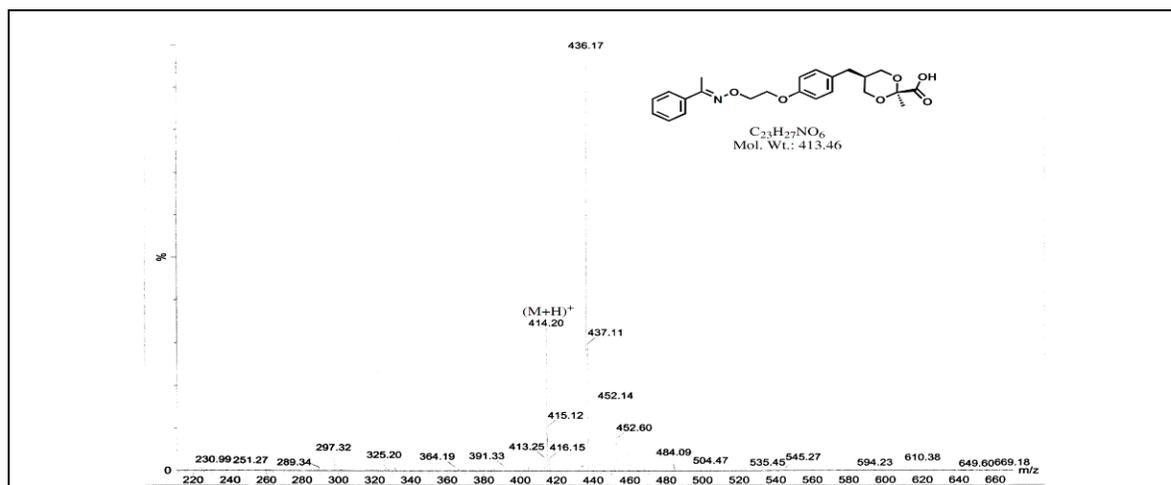
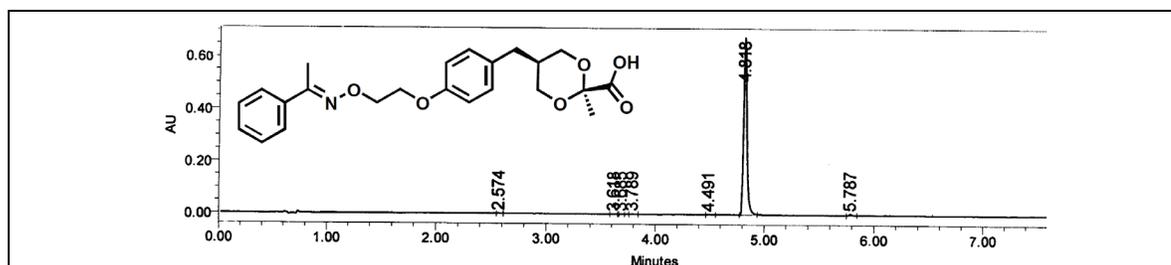
<sup>1</sup>H NMR of 8a

## IR of 9a

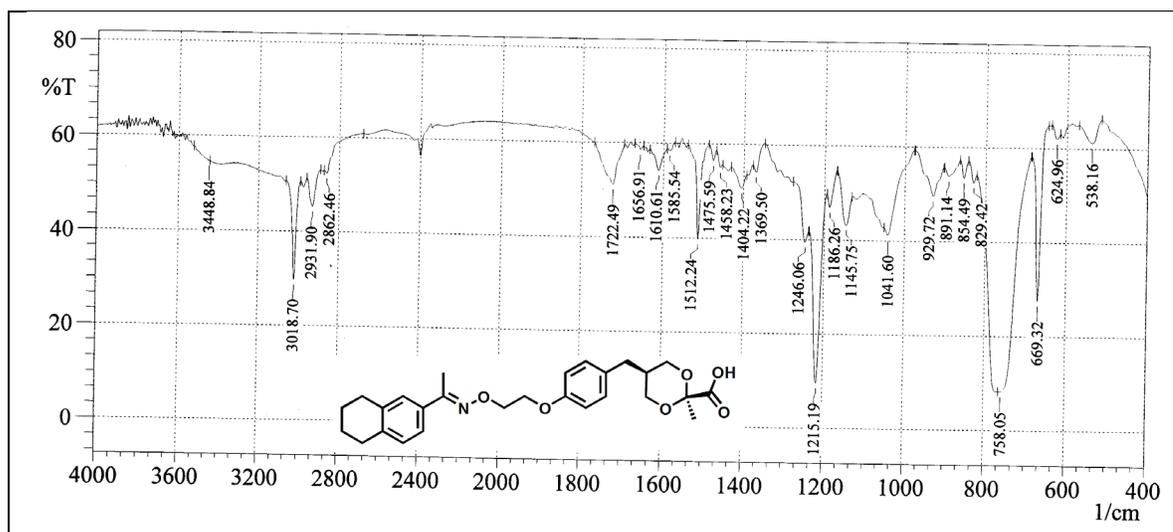
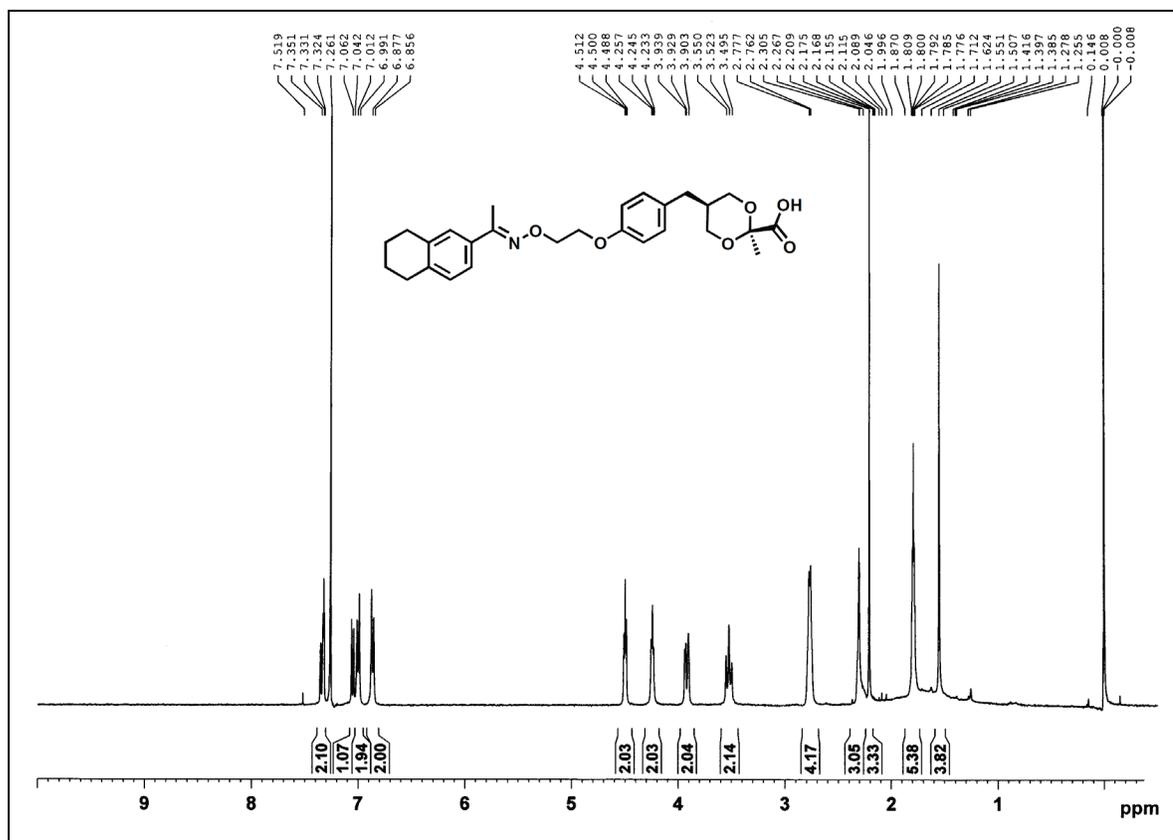
 $^1\text{H}$  NMR of 9a

## IR of 11a

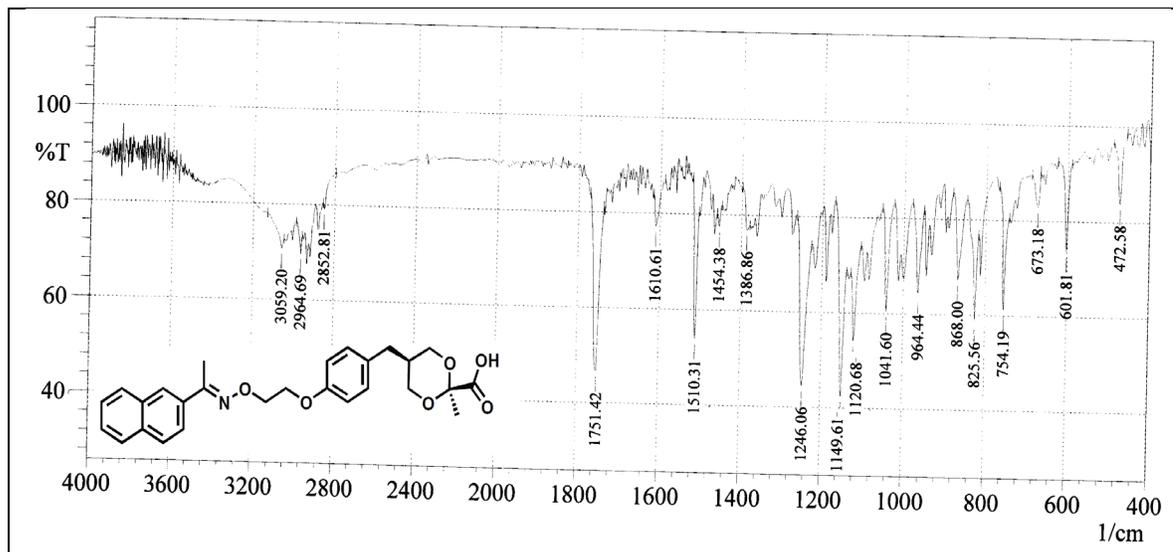
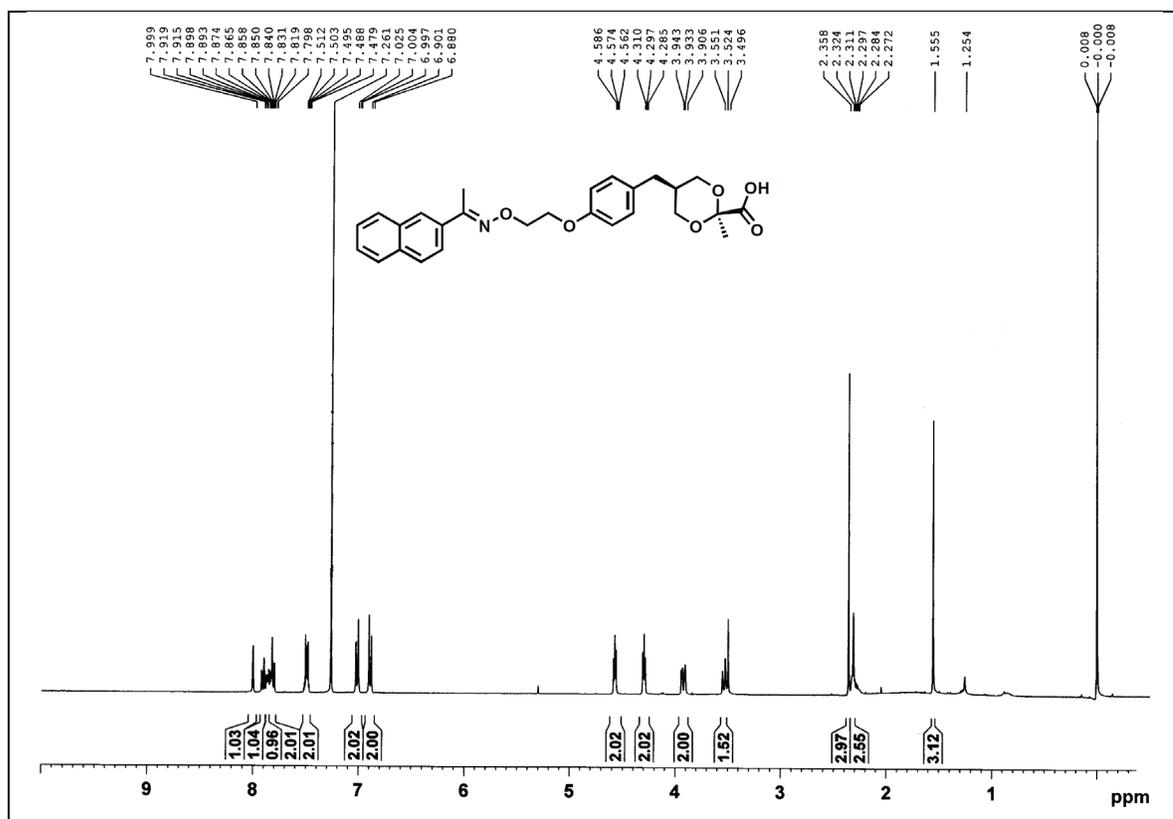
 $^1\text{H}$  NMR of 11a

**$^{13}\text{C}$  NMR of 11a****MASS of 11a****HPLC of 11a**

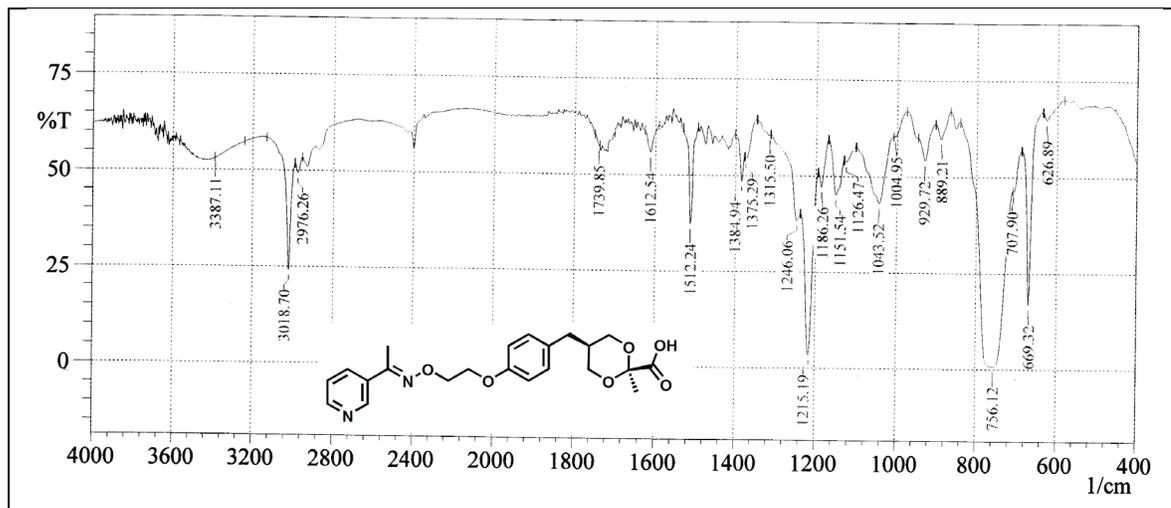
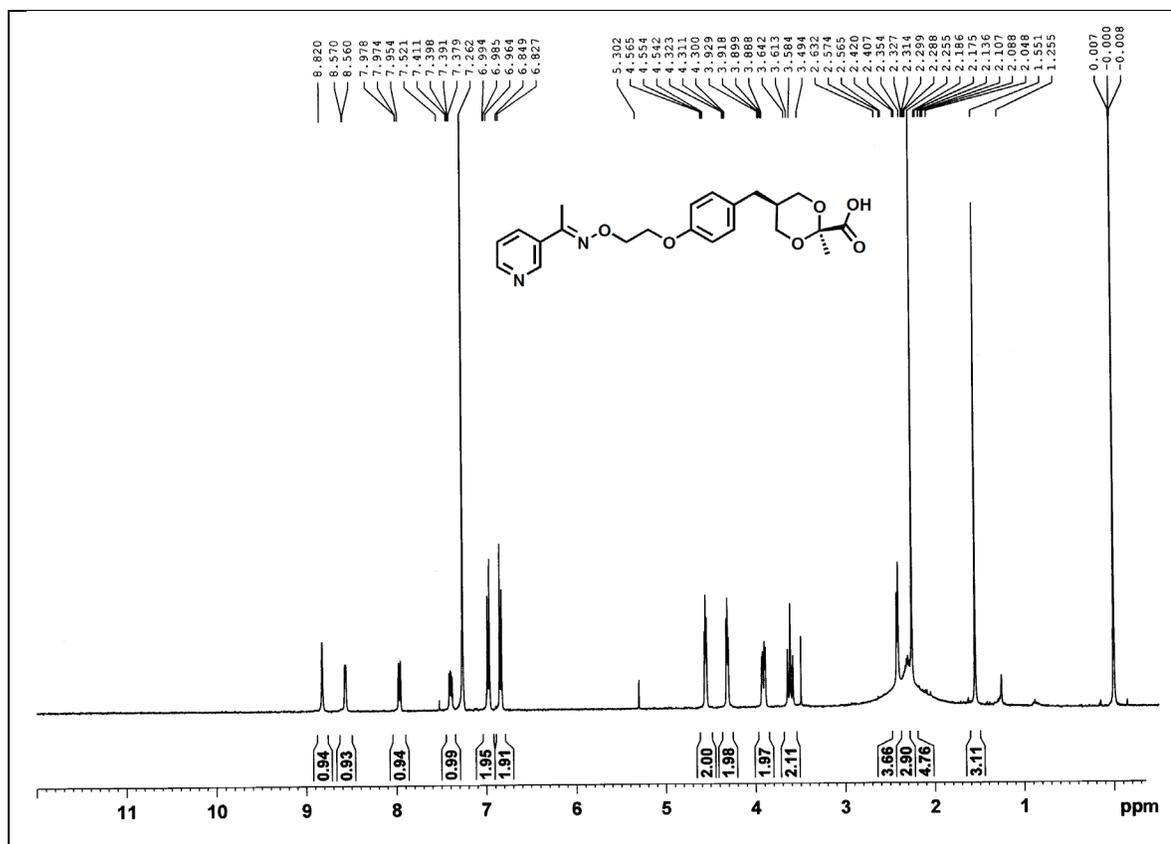
## IR of 11i

 $^1\text{H}$  NMR of 11i

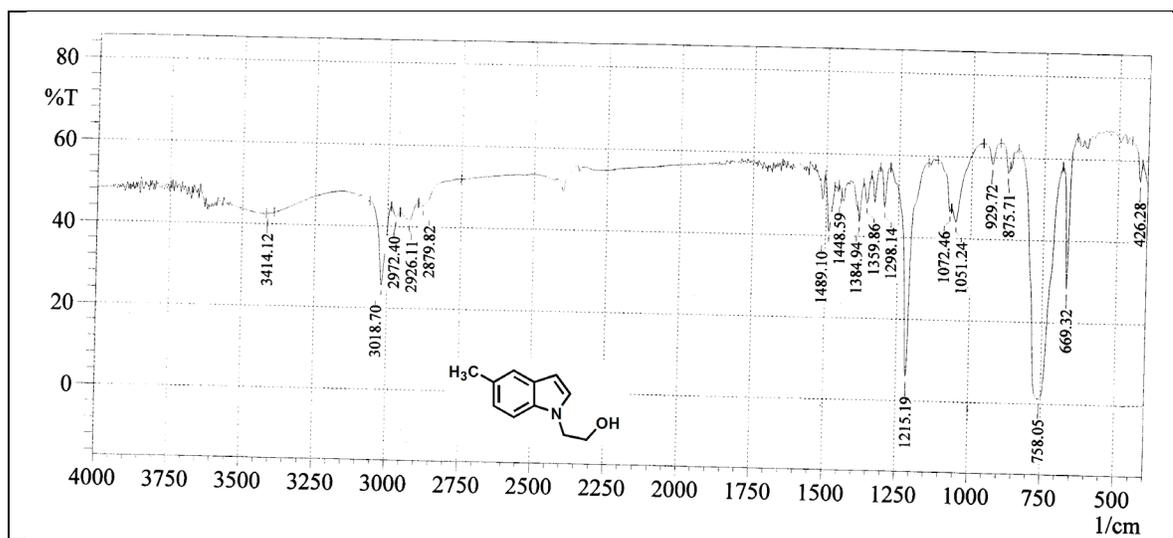
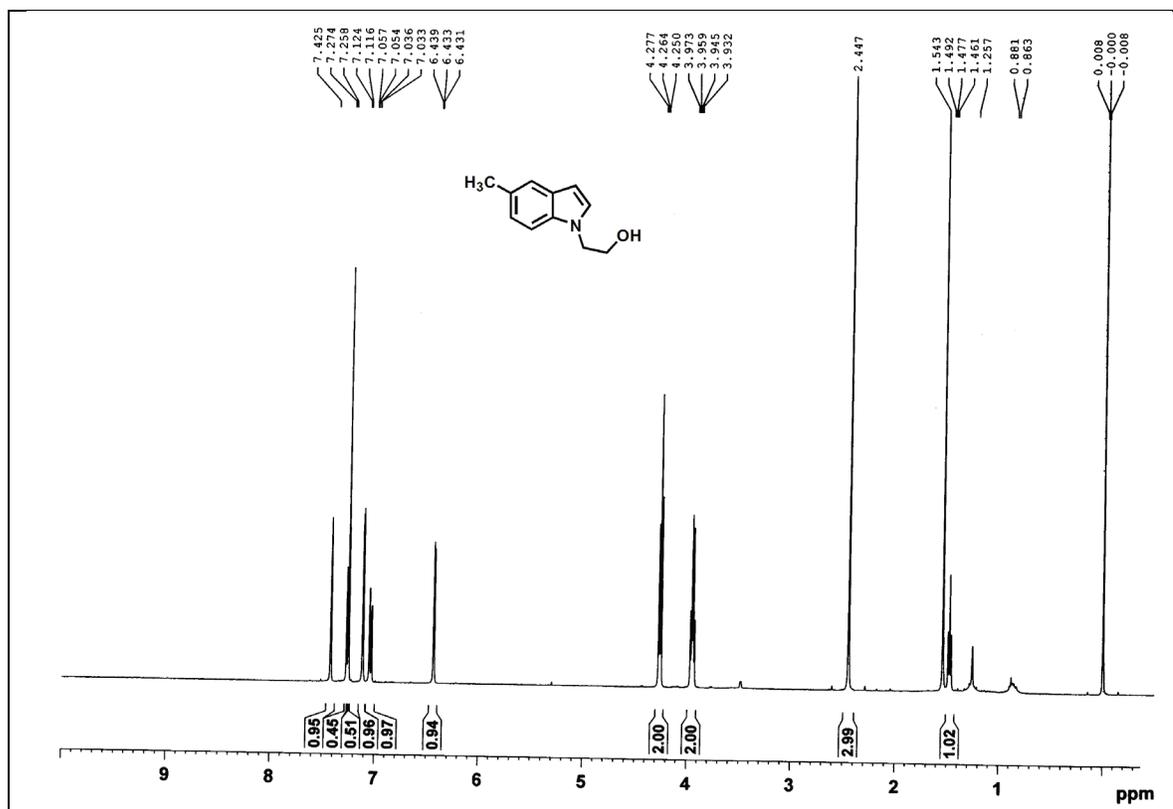
## IR of 11j

 $^1\text{H}$  NMR of 11j

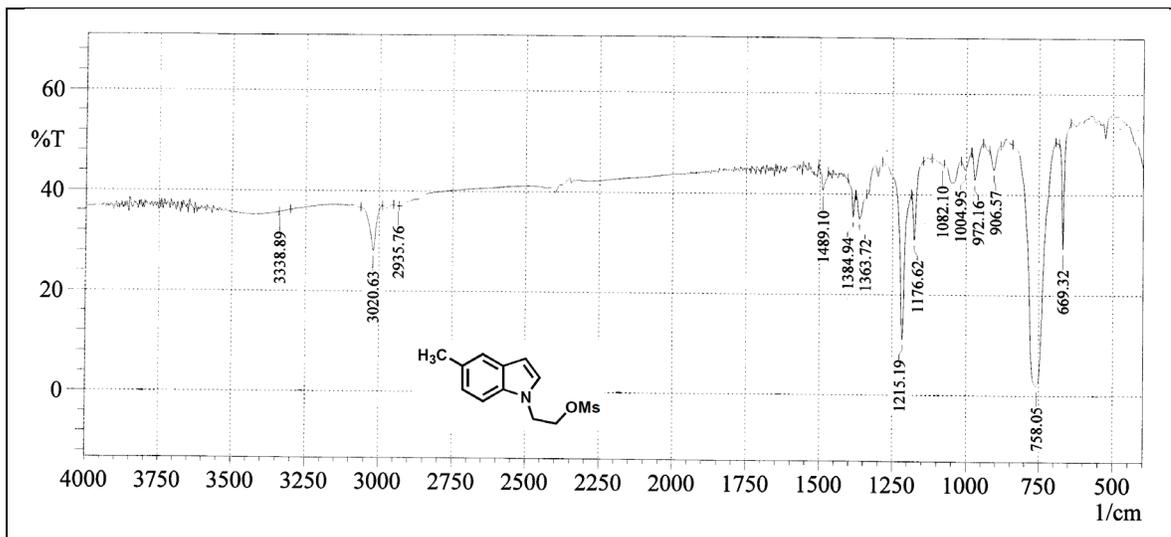
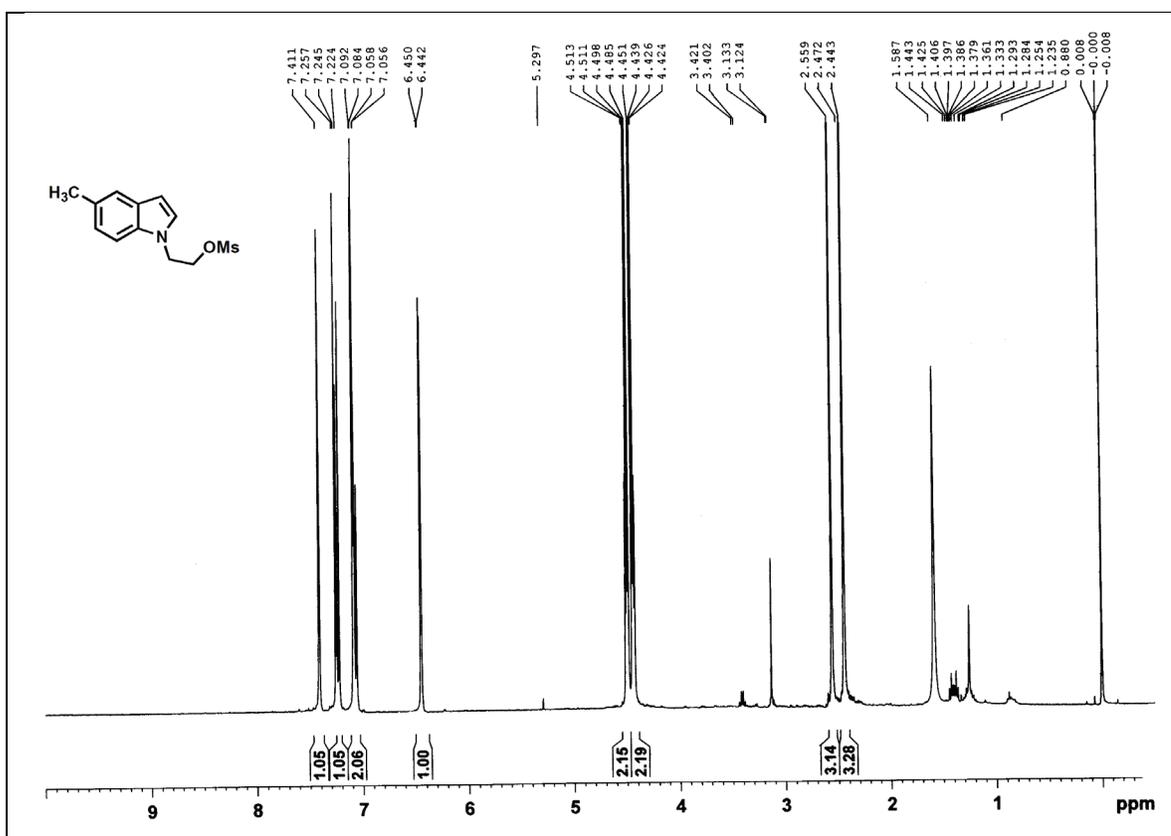
## IR of 11k

 $^1\text{H}$  NMR of 11k

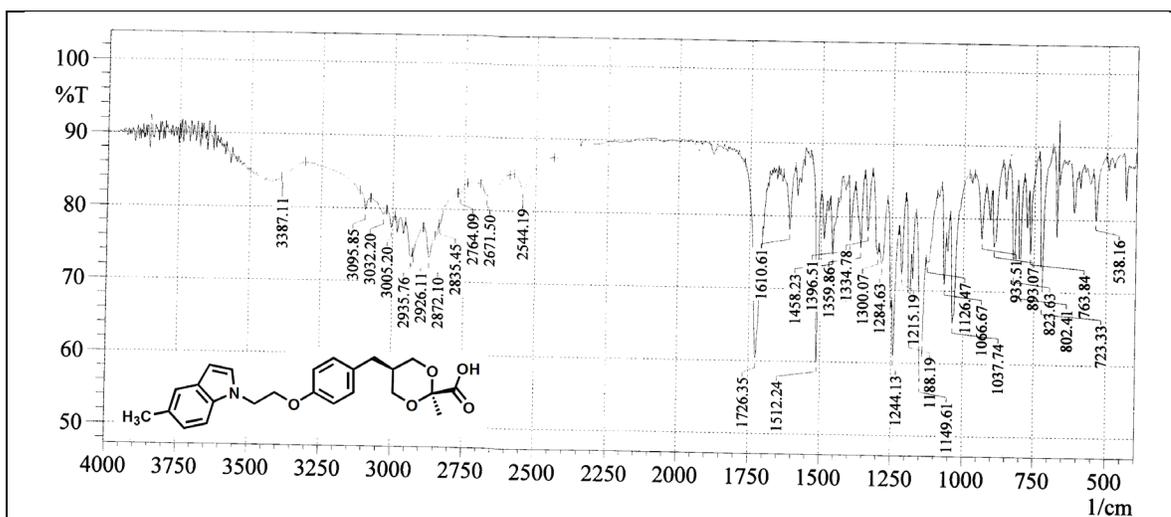
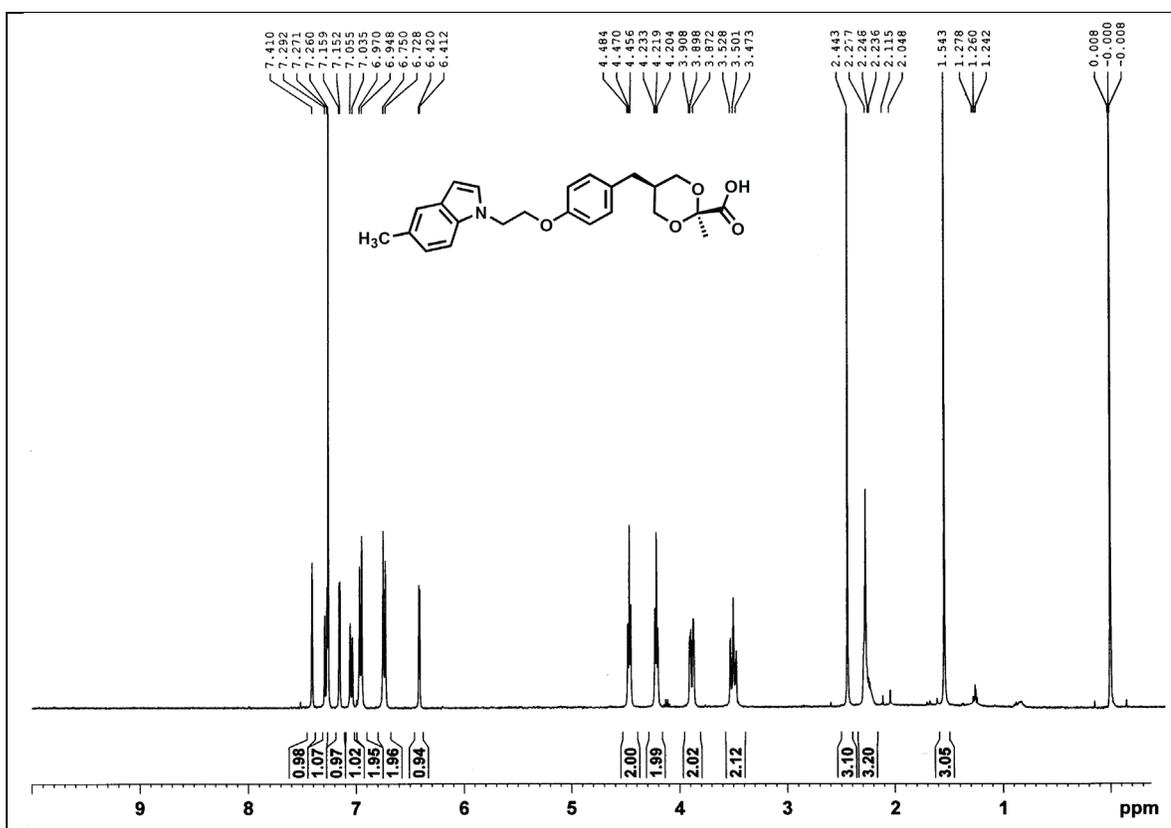
## IR of 14a

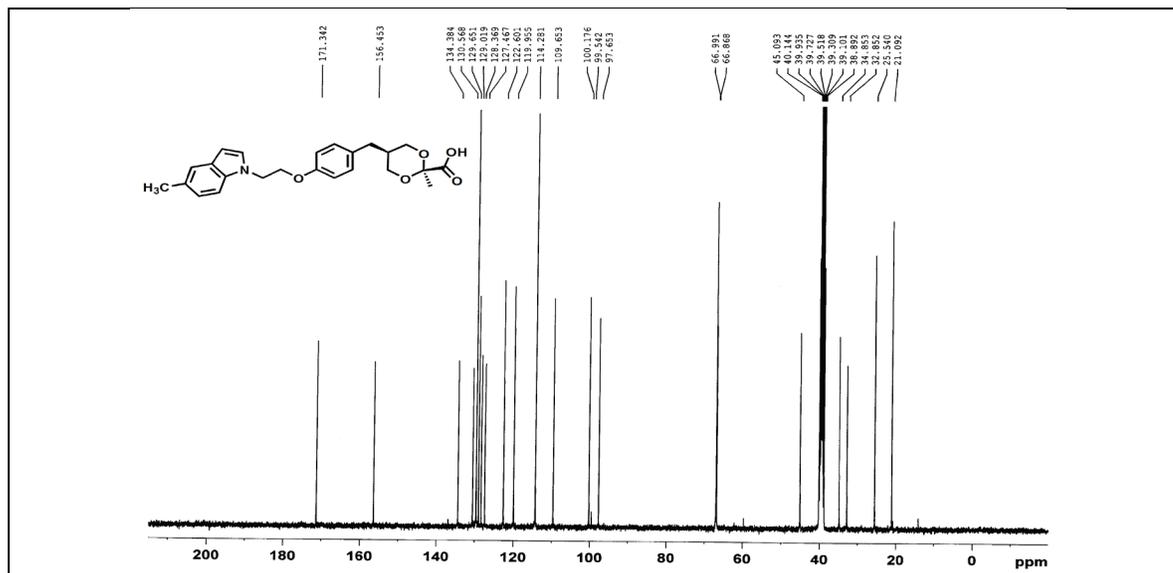
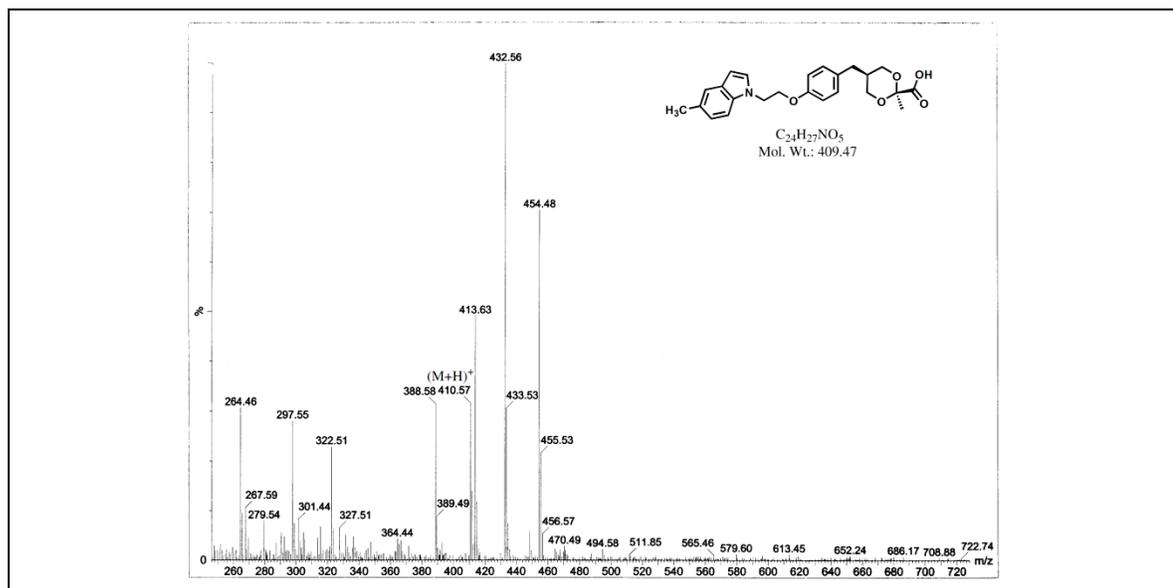
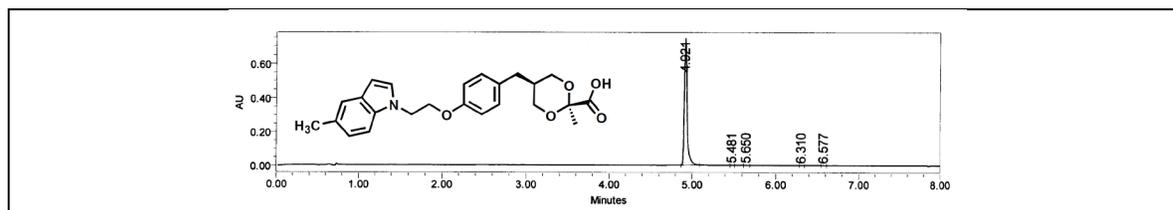
<sup>1</sup>H NMR of 14a

## IR of 15a

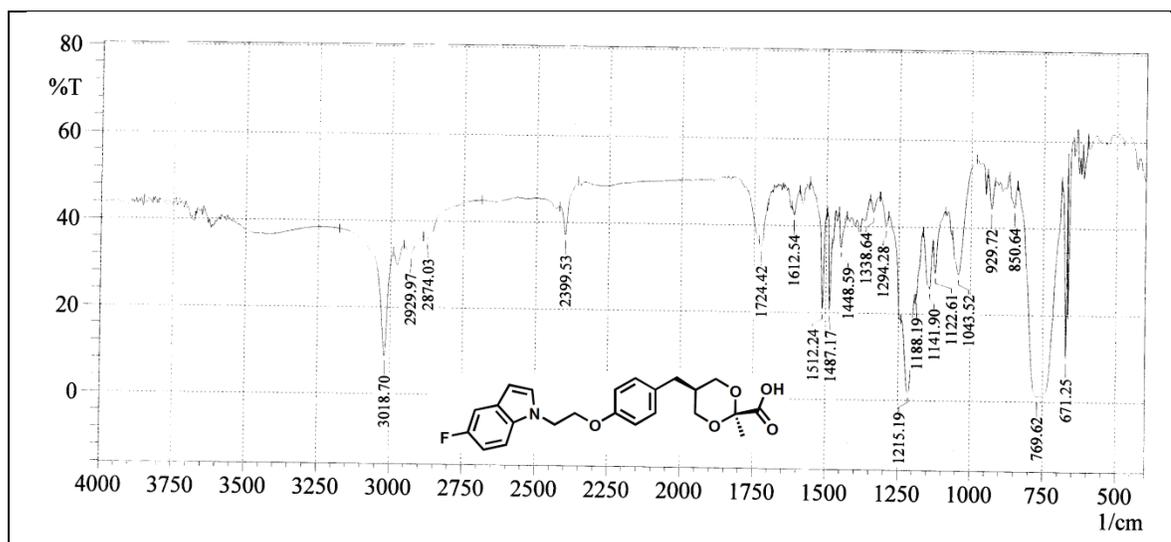
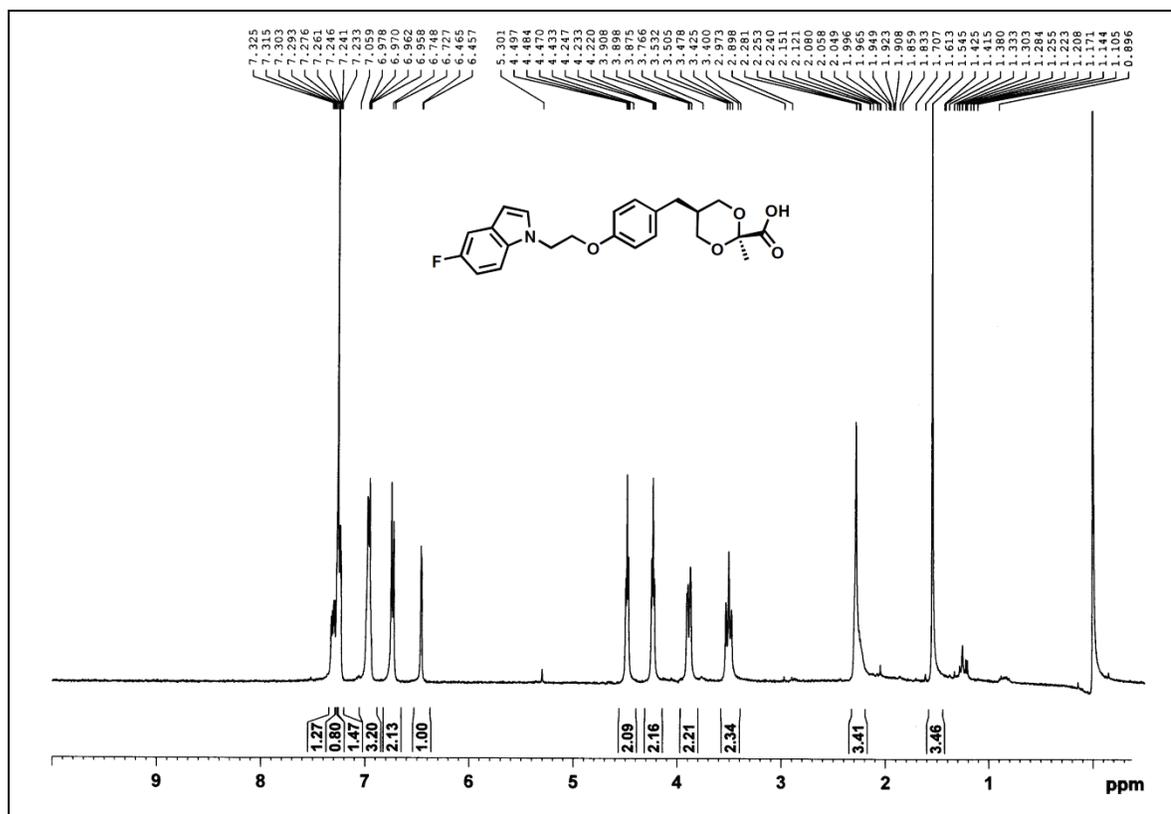
 $^1\text{H}$  NMR of 15a

## IR of 17a

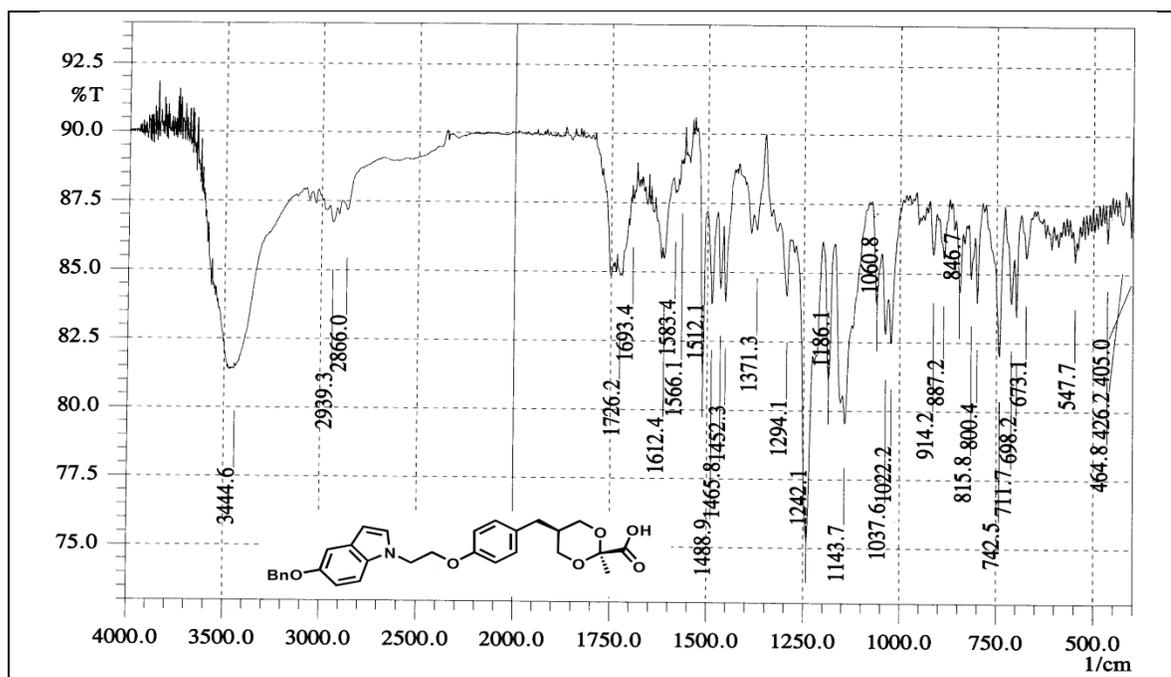
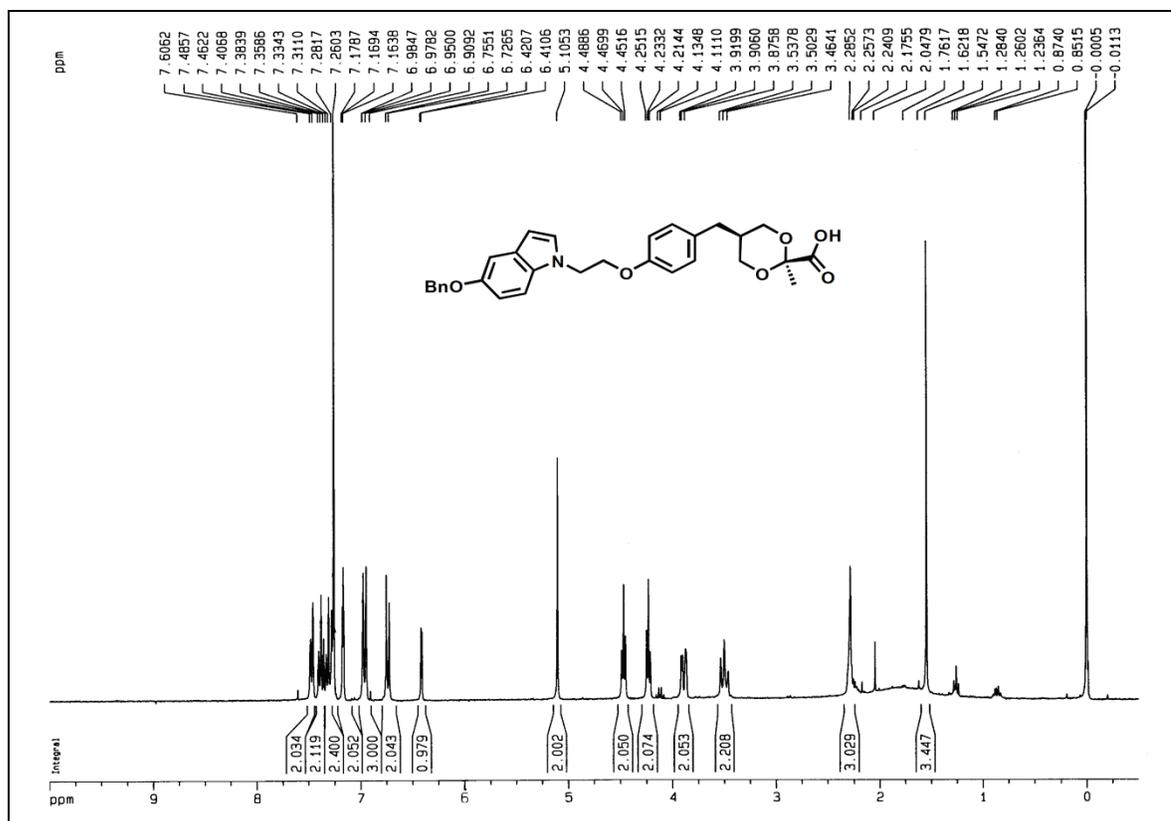
 $^1\text{H}$  NMR of 17a

**$^{13}\text{C}$  NMR of 17a****MASS of 17a****HPLC of 17a**

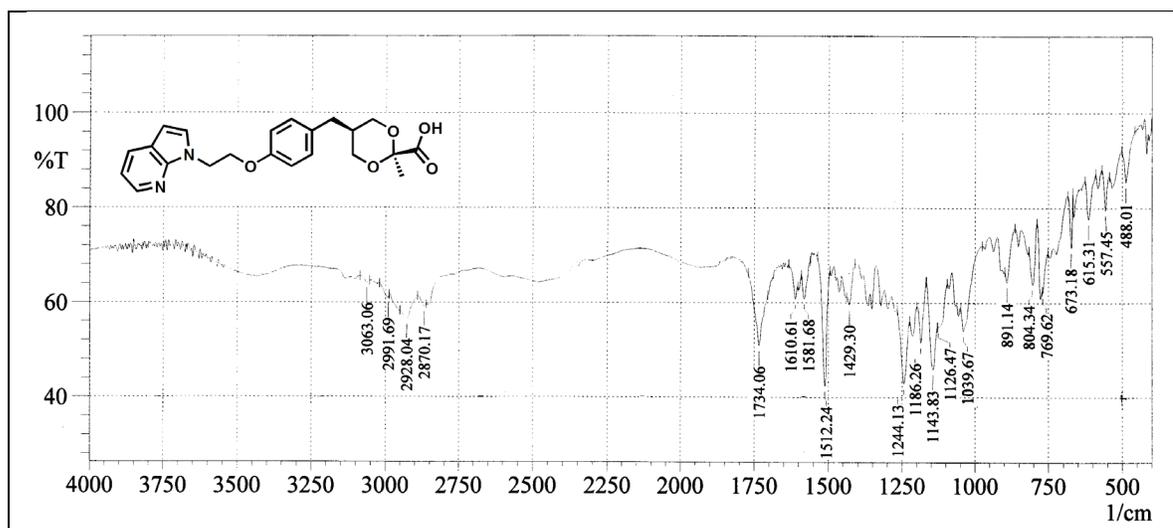
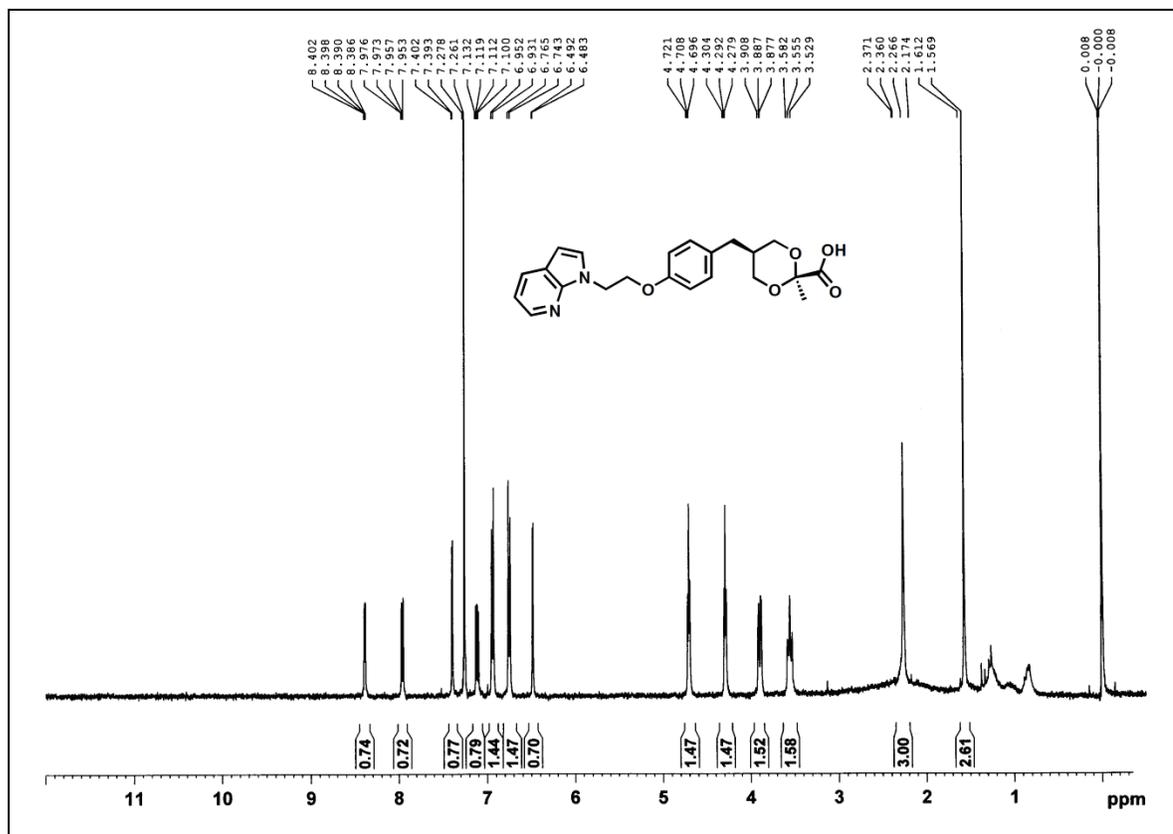
## IR of 17c

 $^1\text{H}$  NMR of 17c

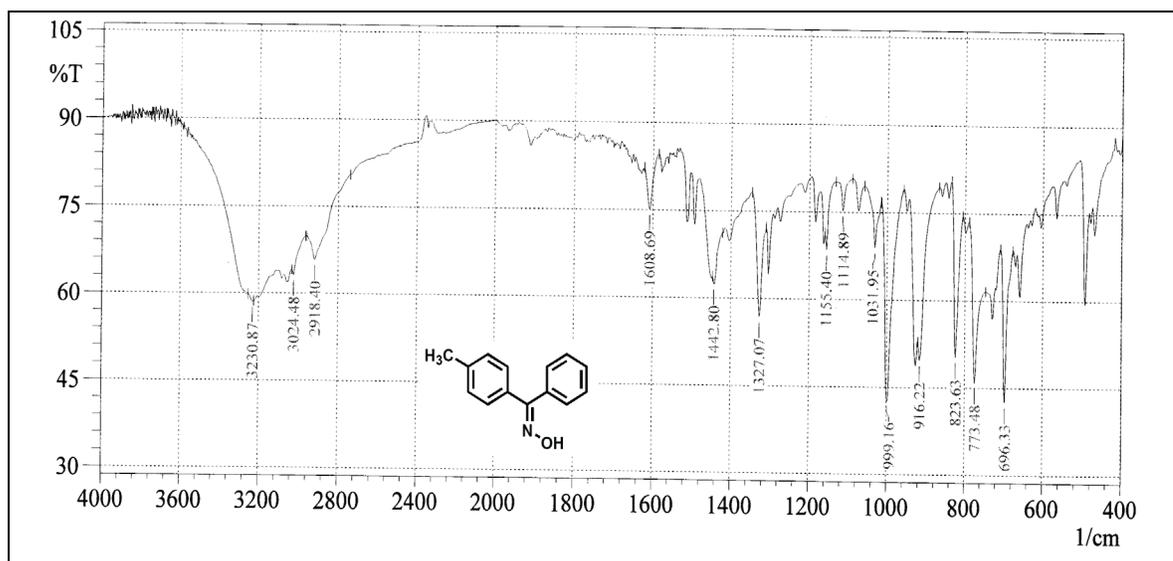
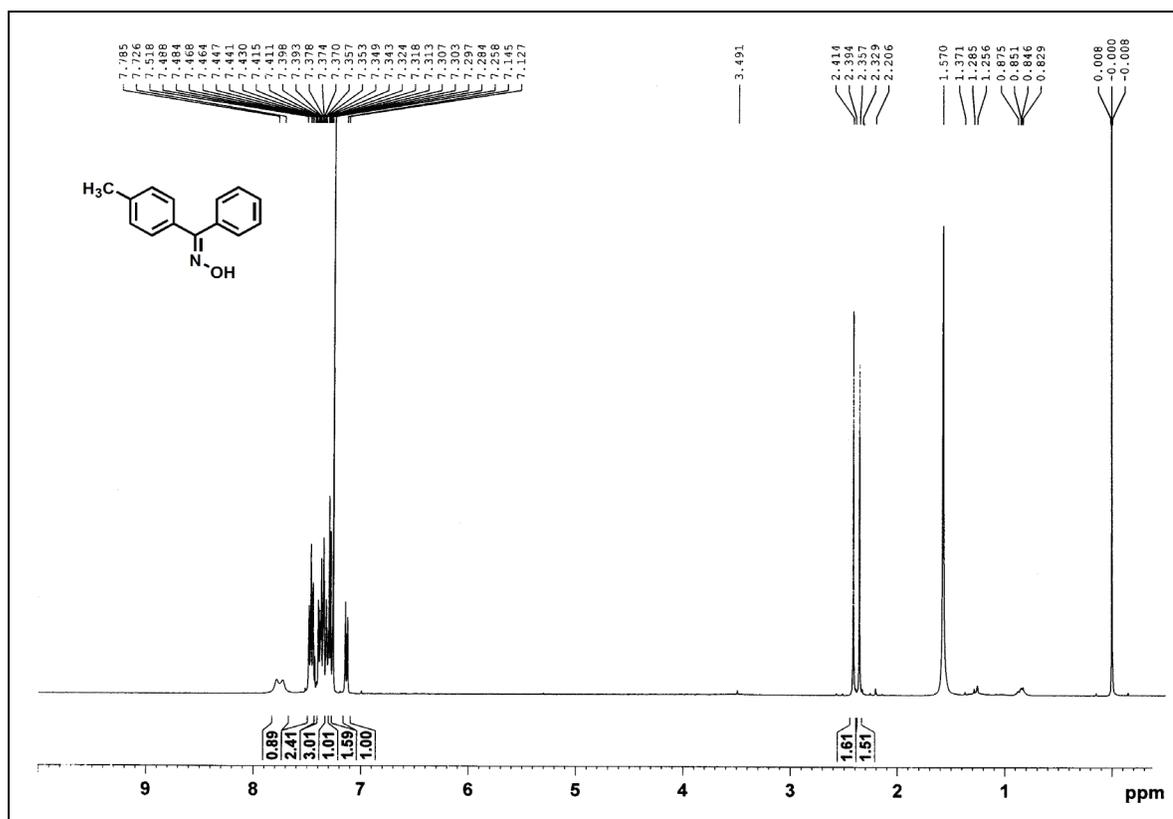
## IR of 17g

<sup>1</sup>H NMR of 17g

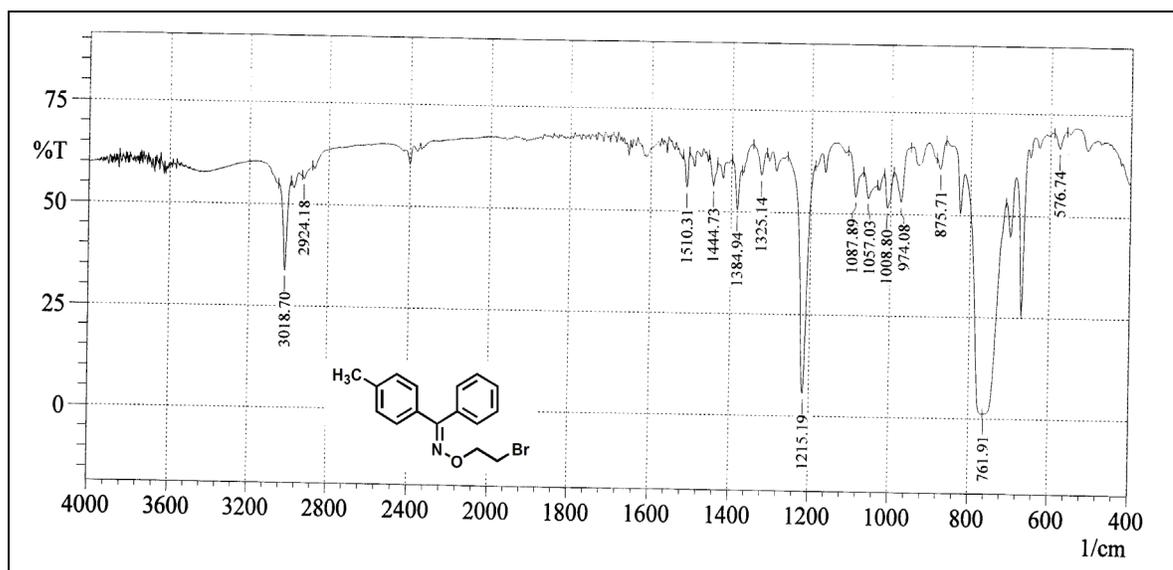
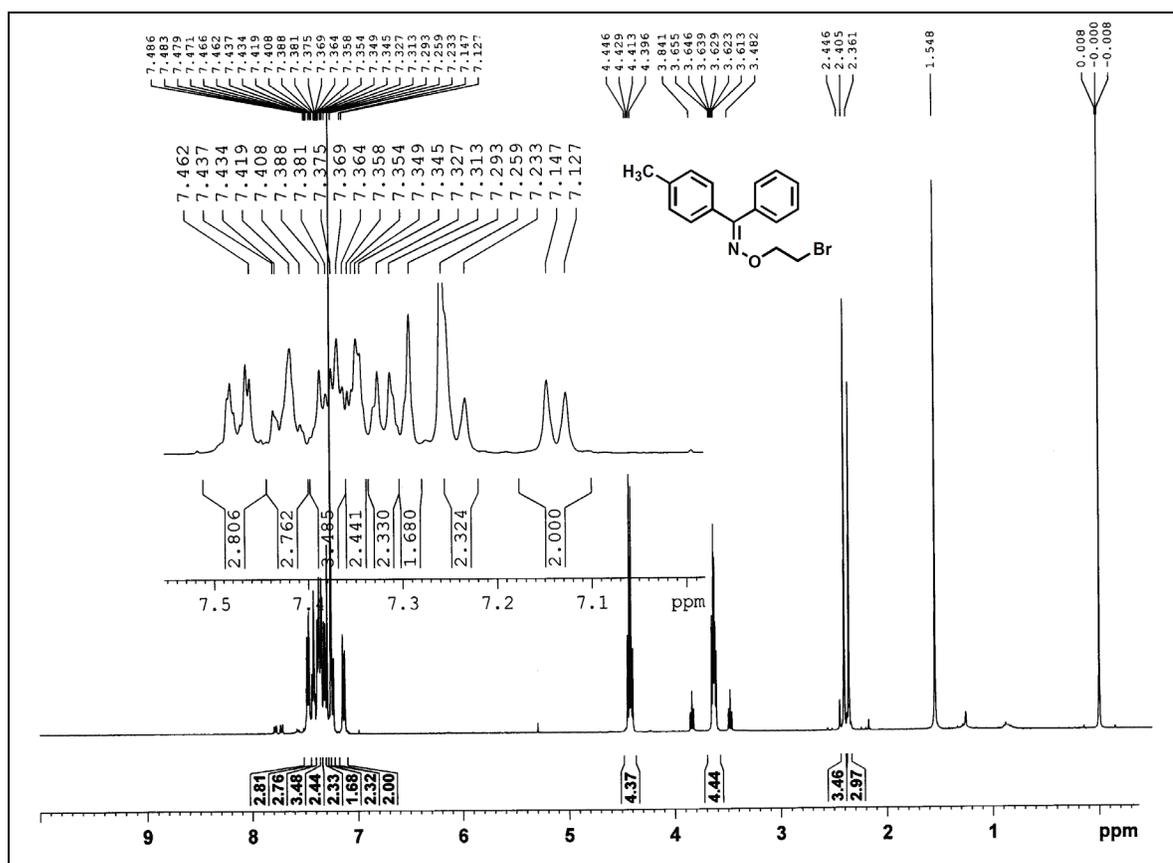
## IR of 17i

 $^1\text{H}$  NMR of 17i

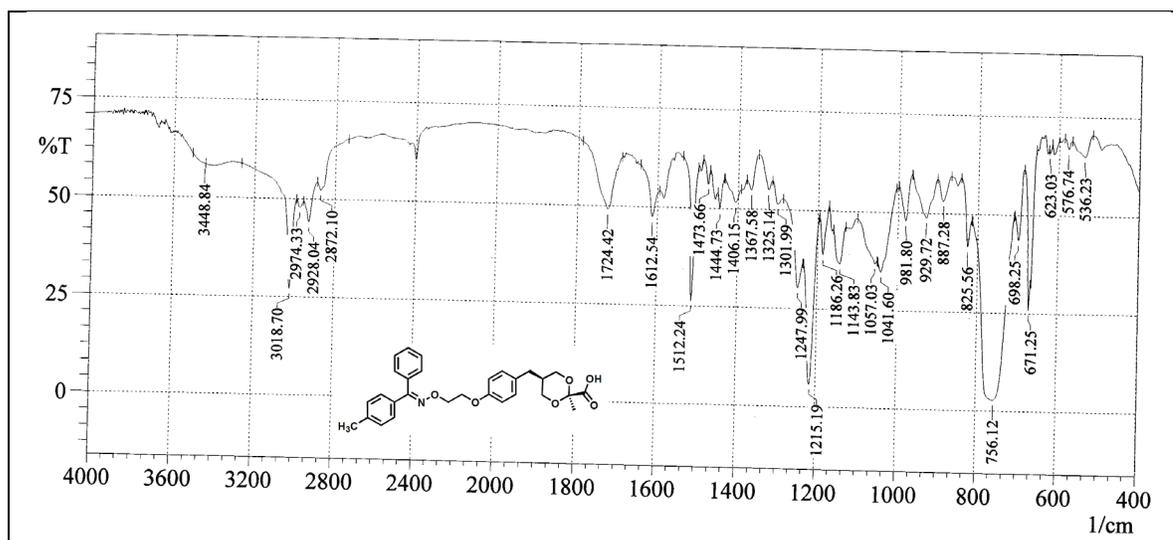
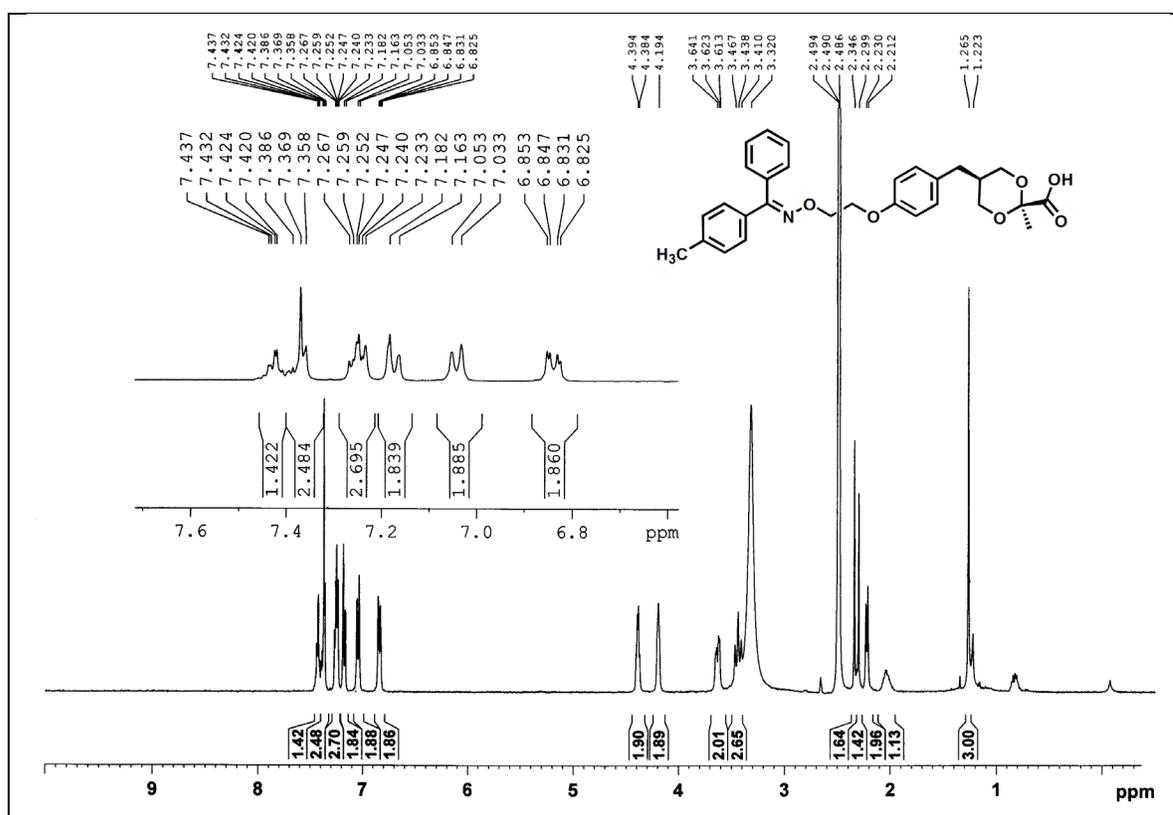
## IR of 19a

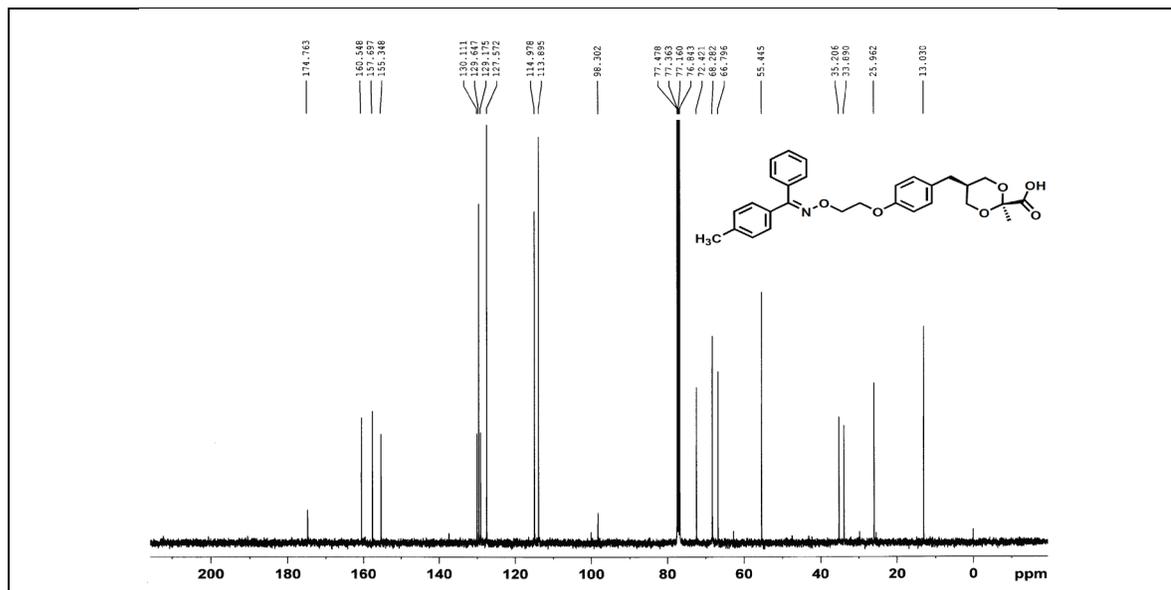
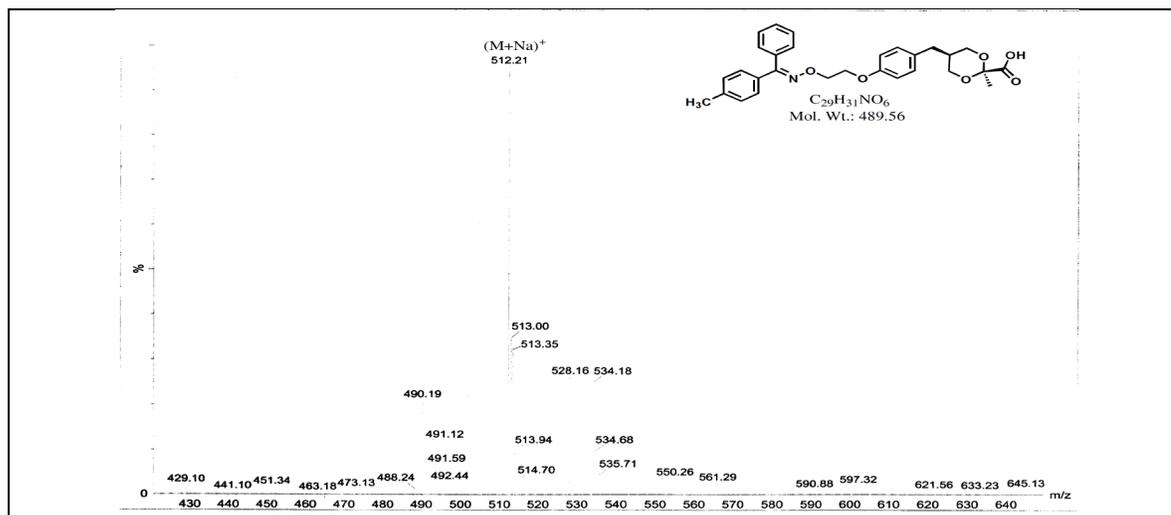
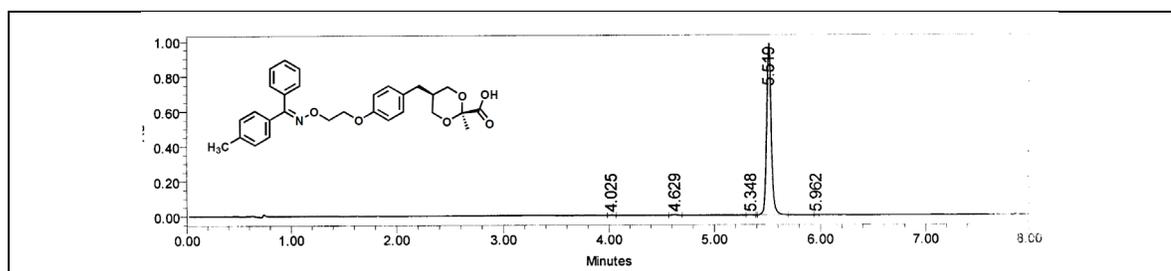
 $^1\text{H}$  NMR of 19a

## IR of 20a

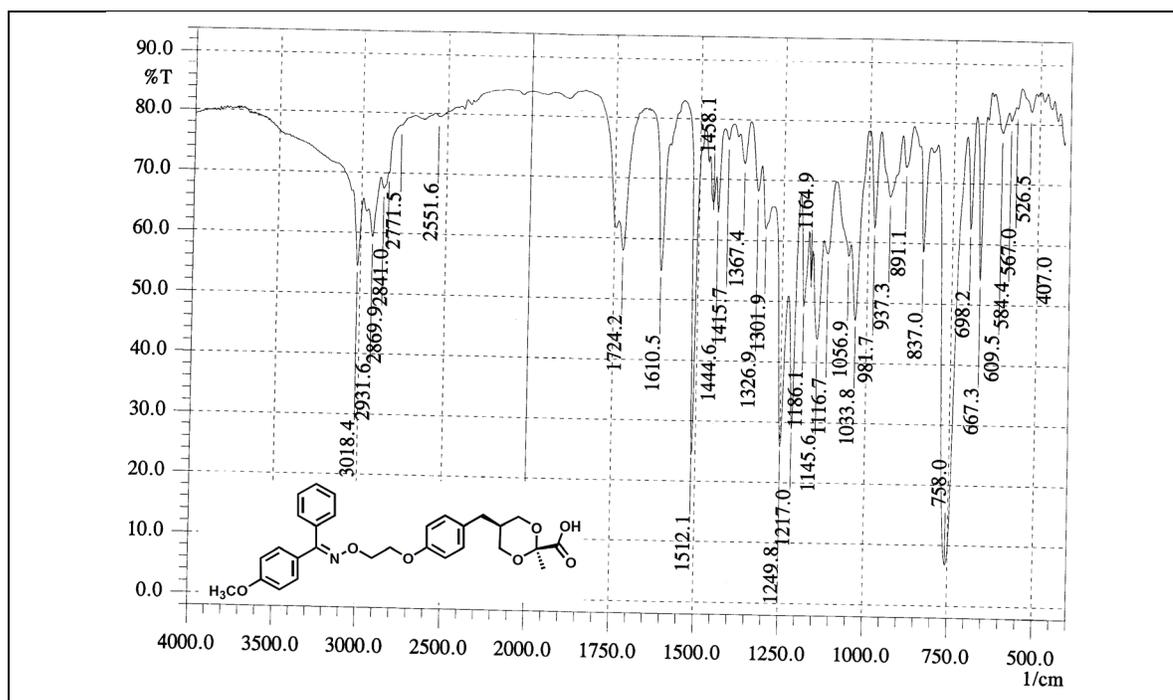
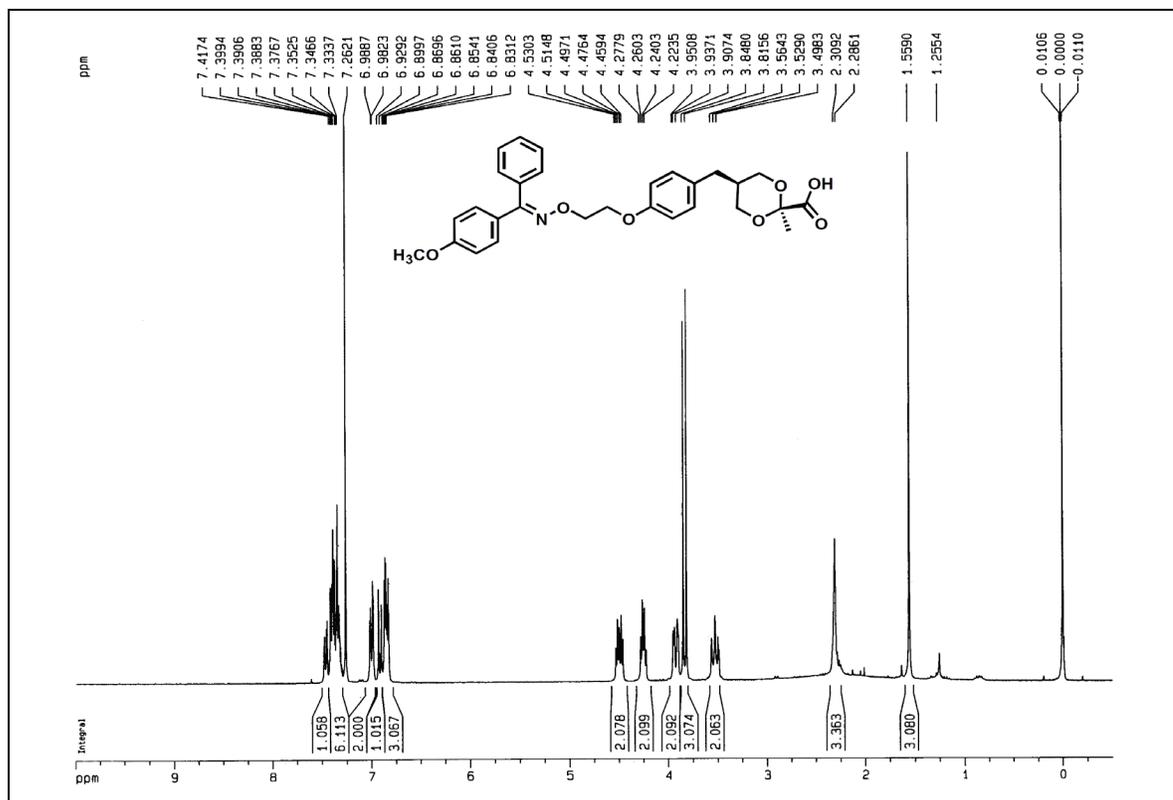
 $^1\text{H}$  NMR of 20a

## IR of 22a

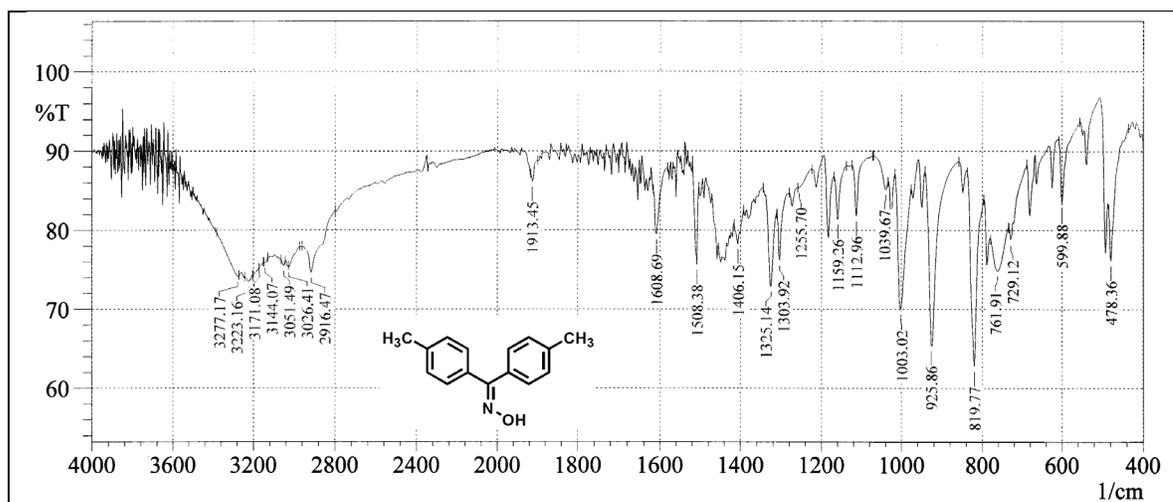
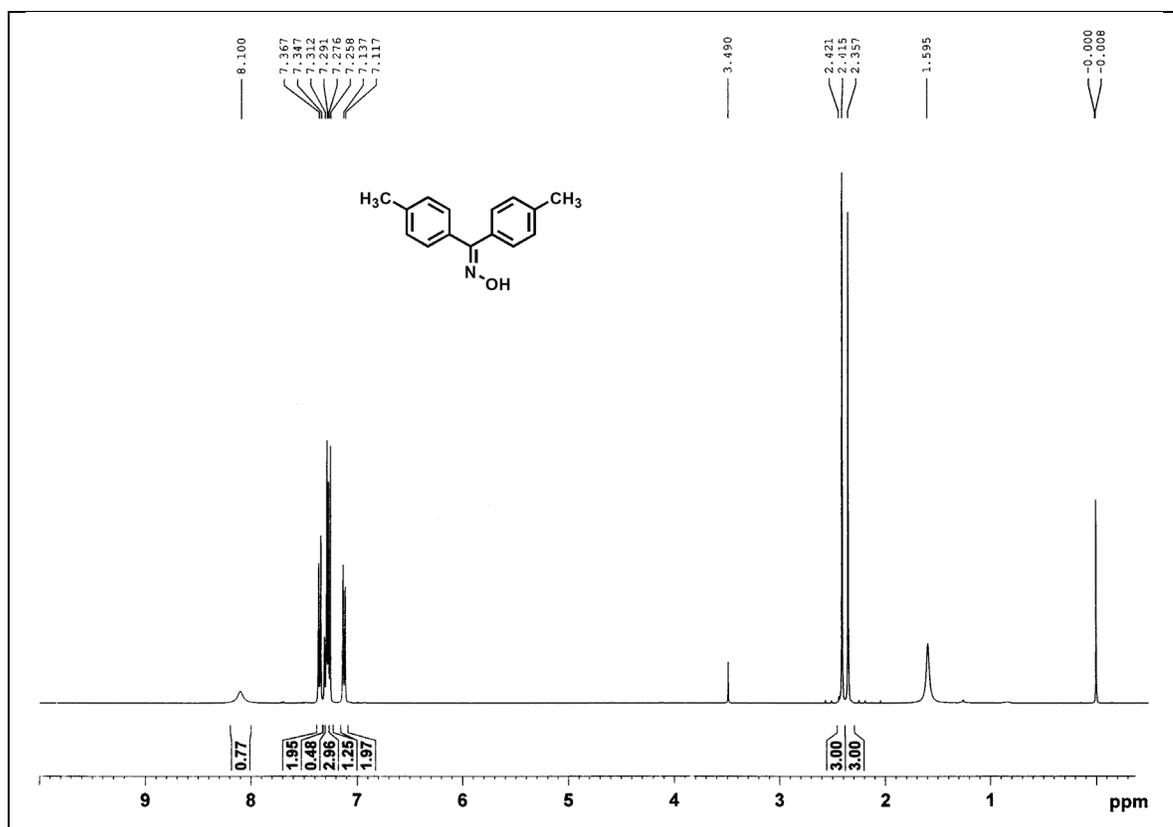
 $^1\text{H}$  NMR of 22a

**$^{13}\text{C}$  NMR of 22a****MASS of 22a****HPLC of 22a**

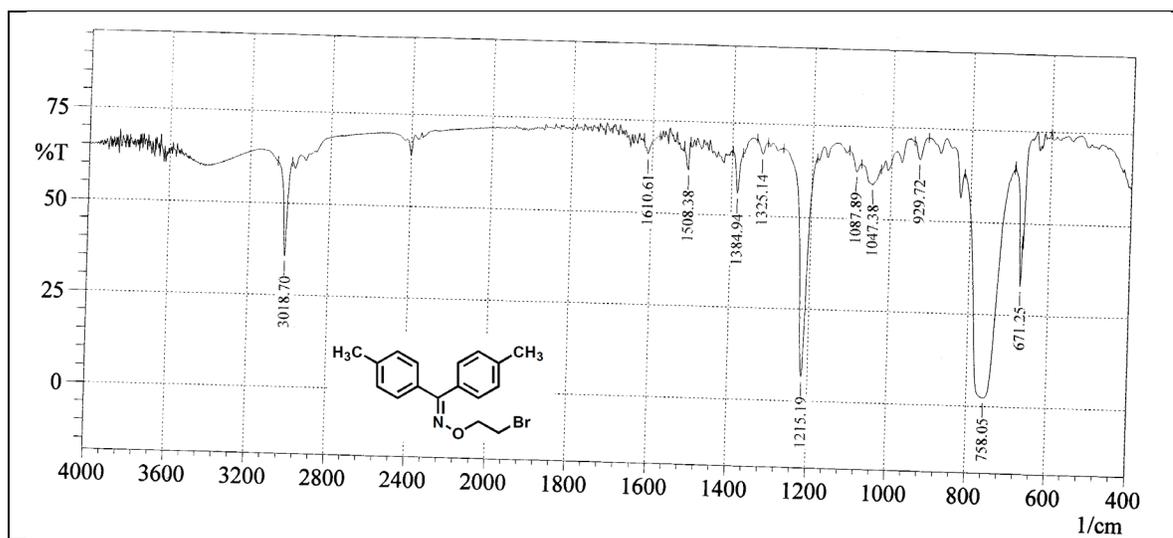
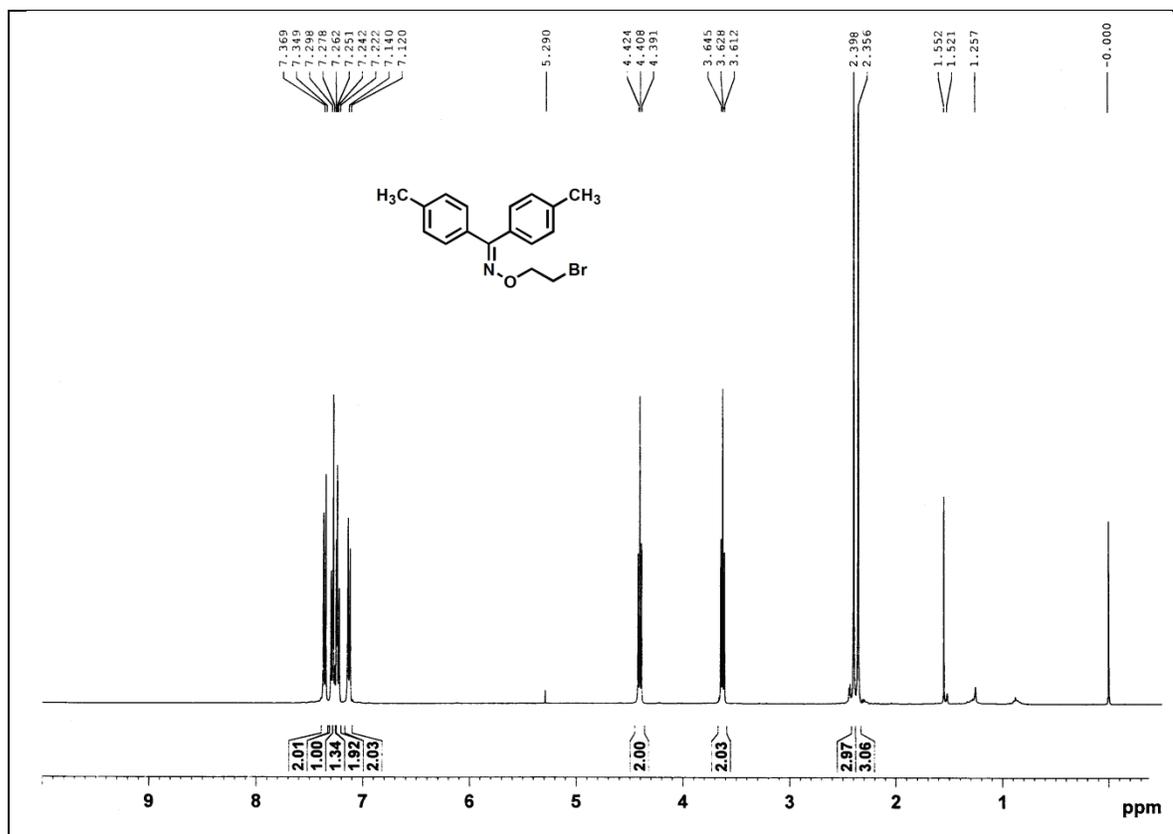
## IR of 22b

 $^1\text{H}$  NMR of 22b

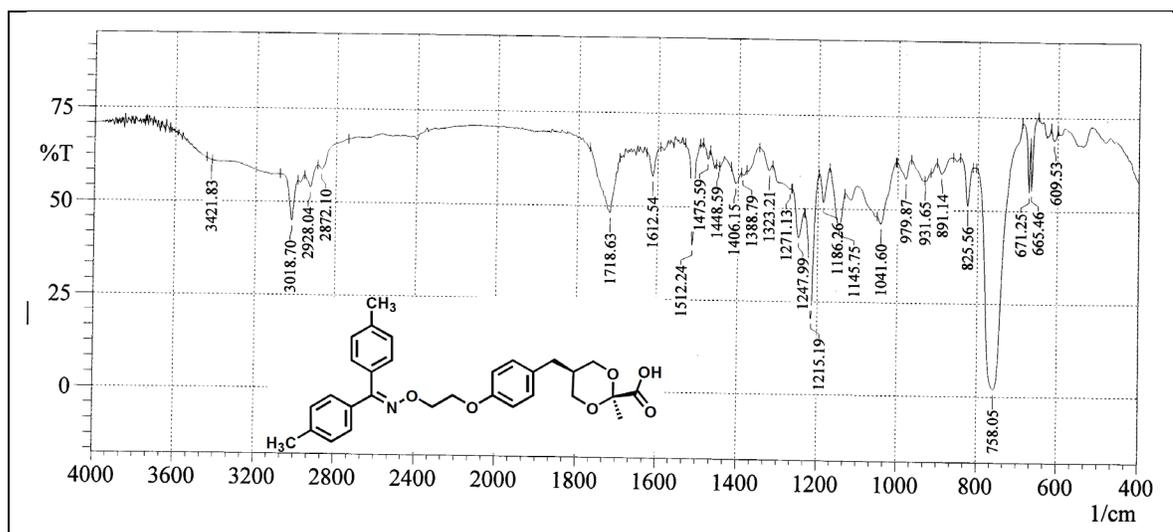
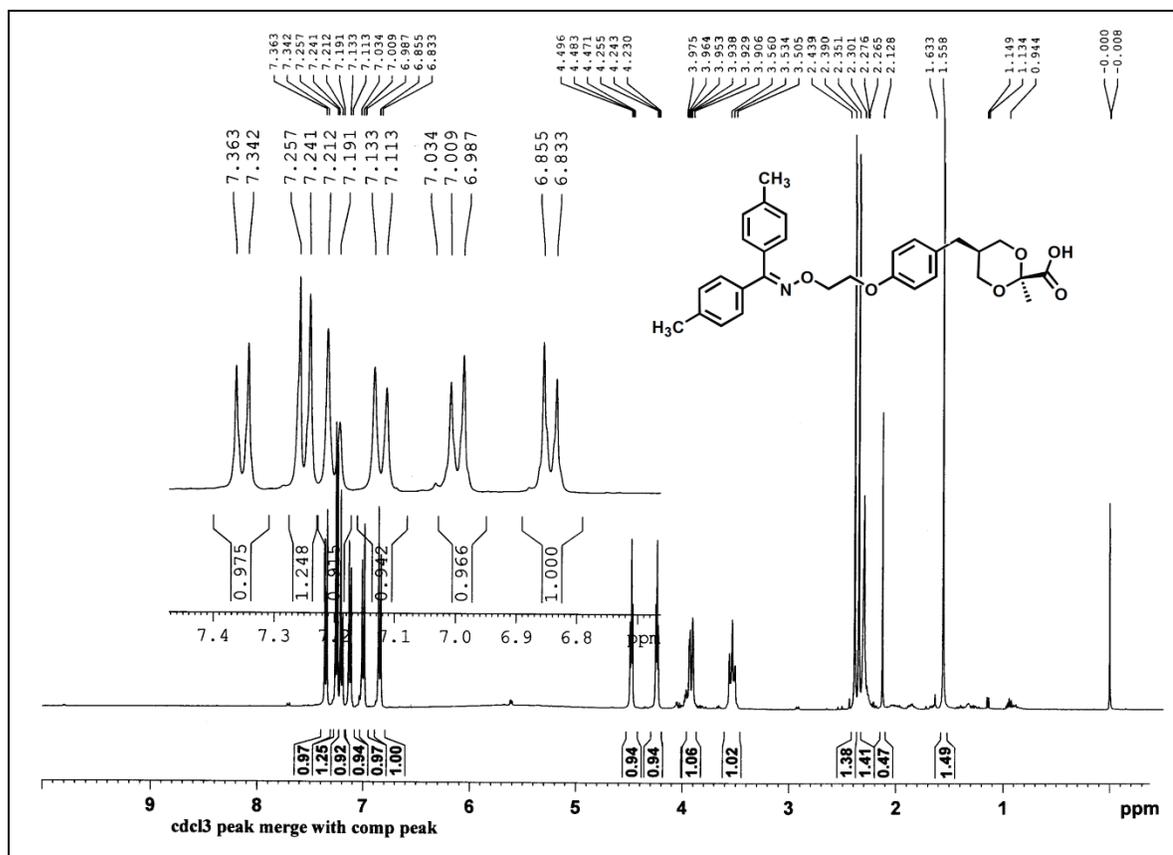
## IR of 19f

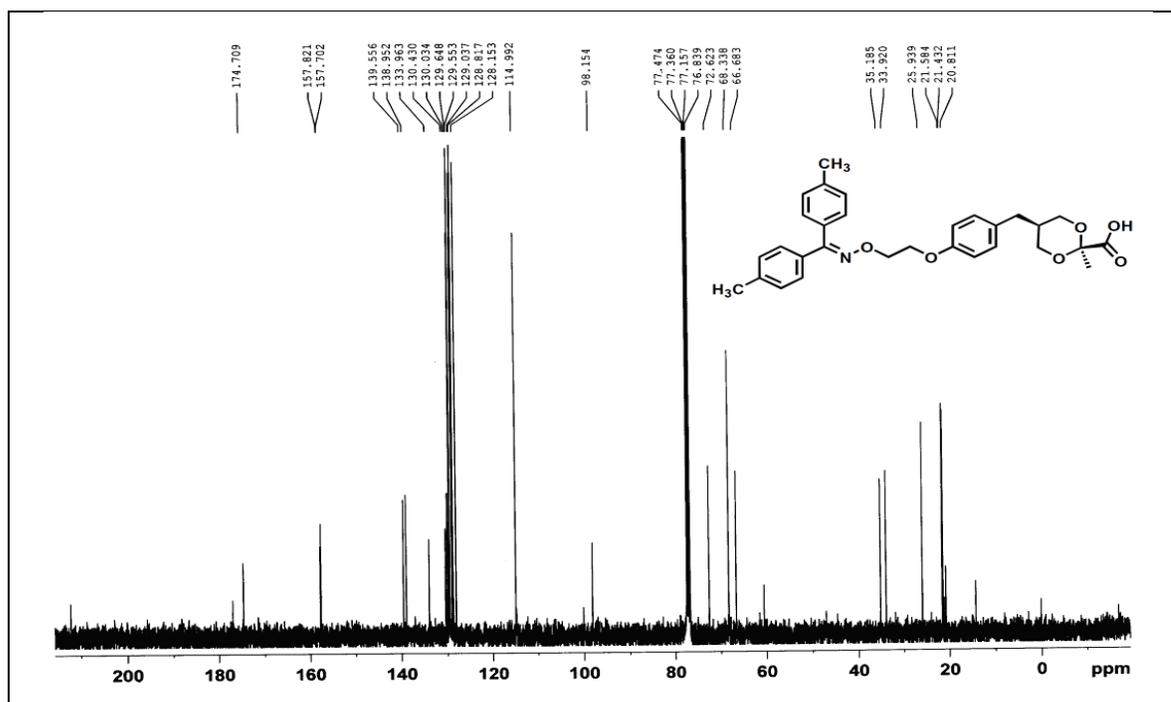
 $^1\text{H}$  NMR of 19f

## IR of 20f

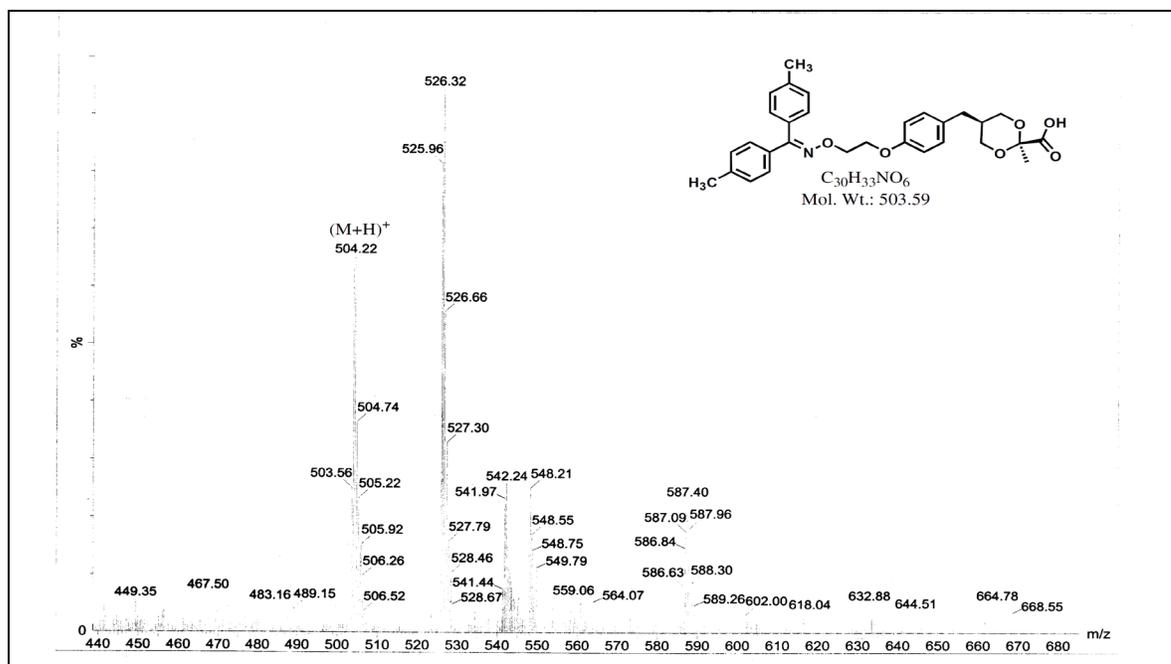
 $^1\text{H}$  NMR of 20f

## IR of 22f

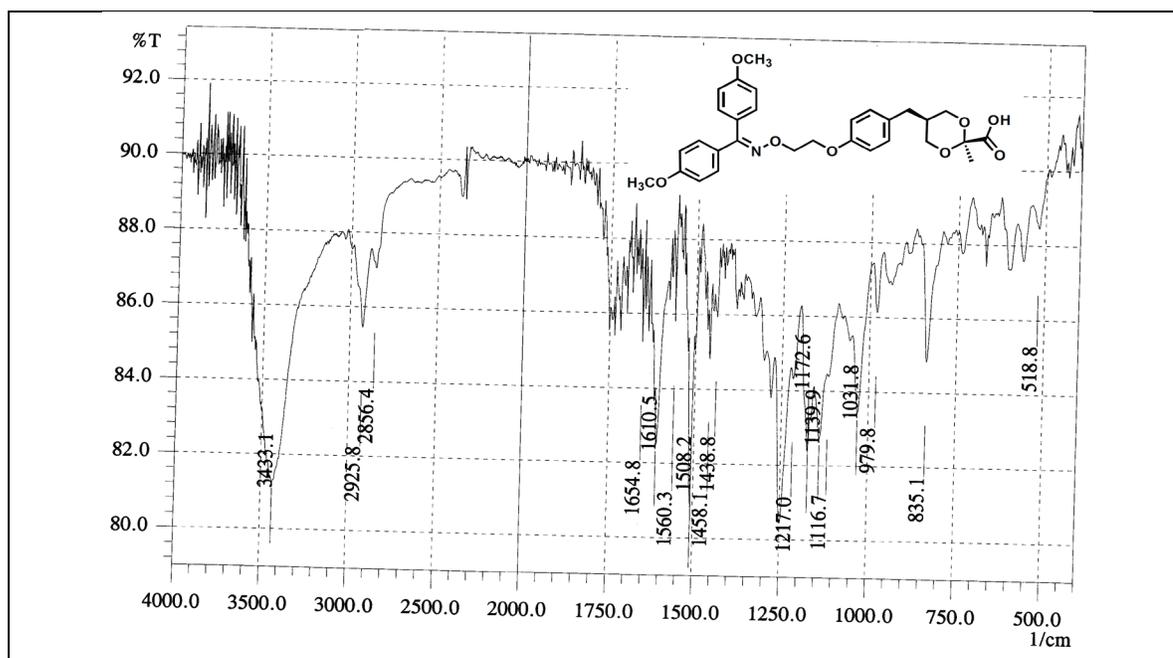
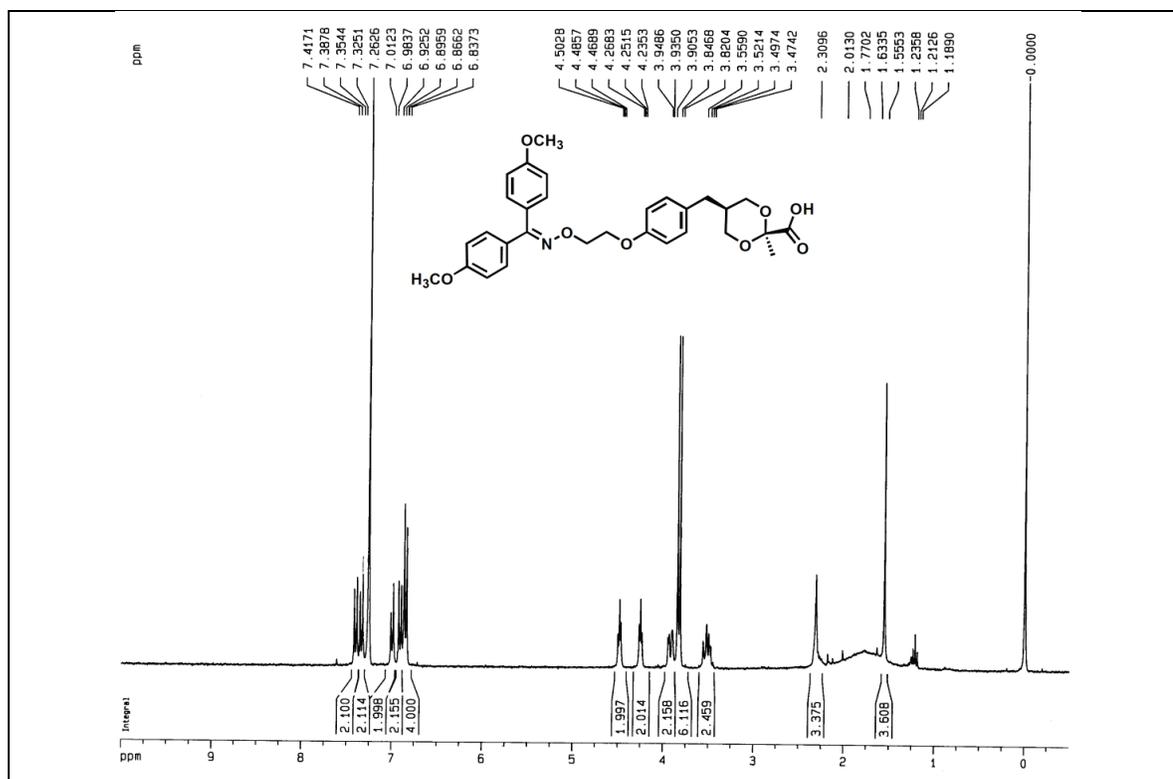
 $^1\text{H}$  NMR of 22f

$^{13}\text{C}$  NMR of 22f

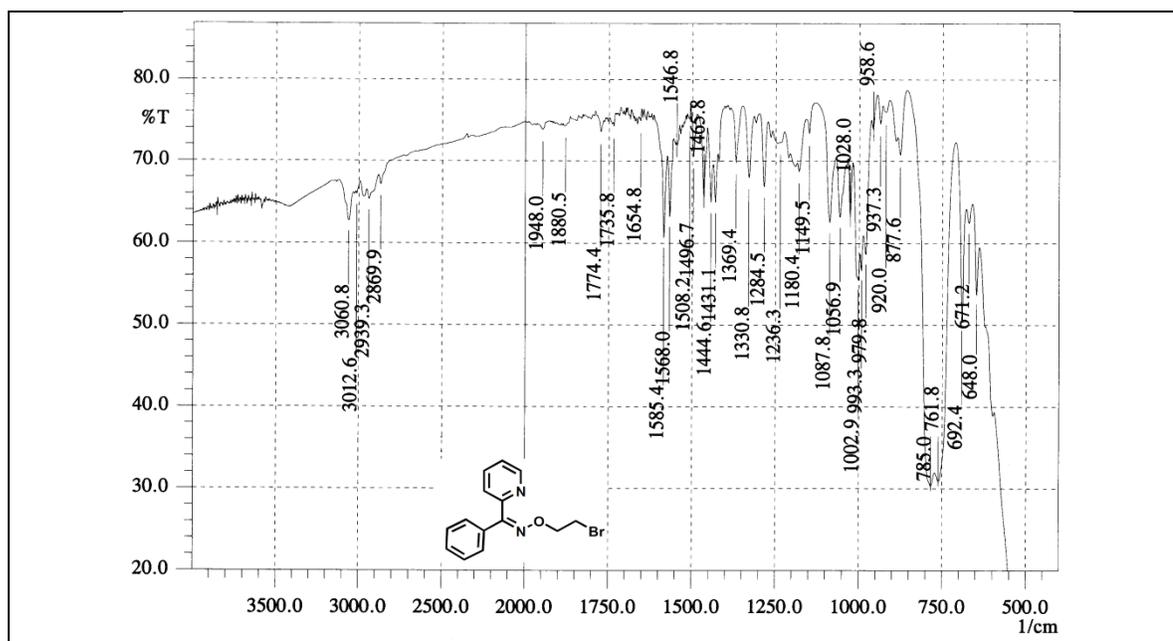
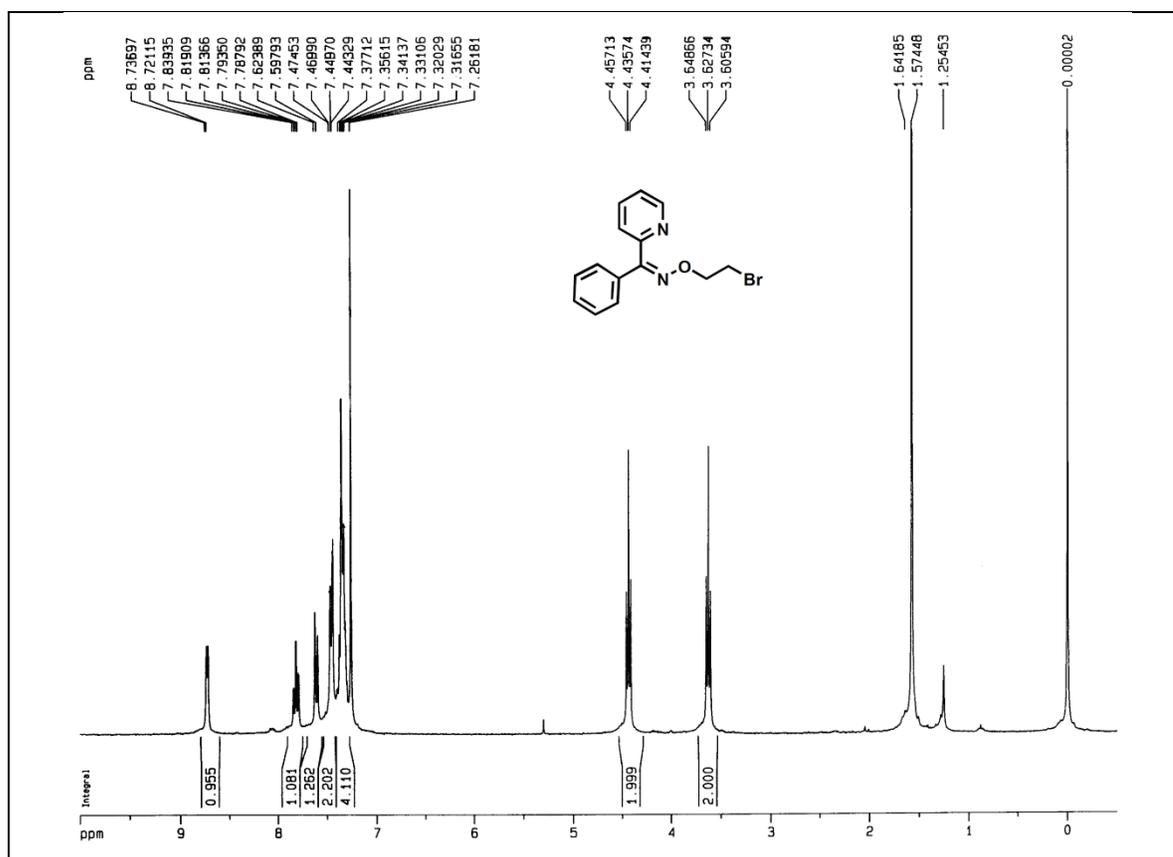
## MASS of 22f



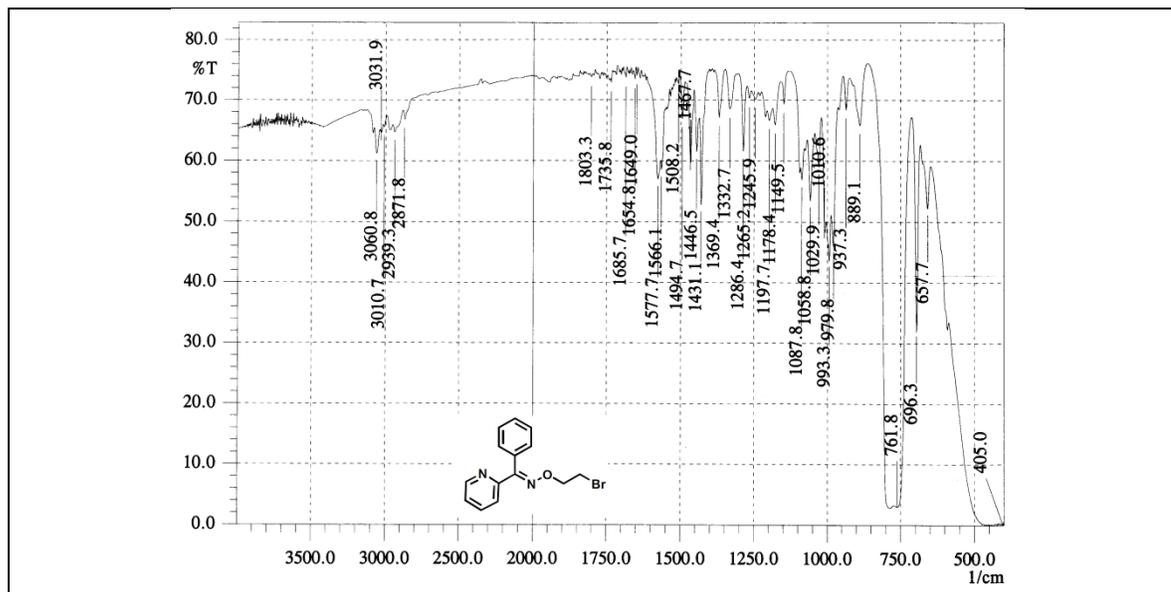
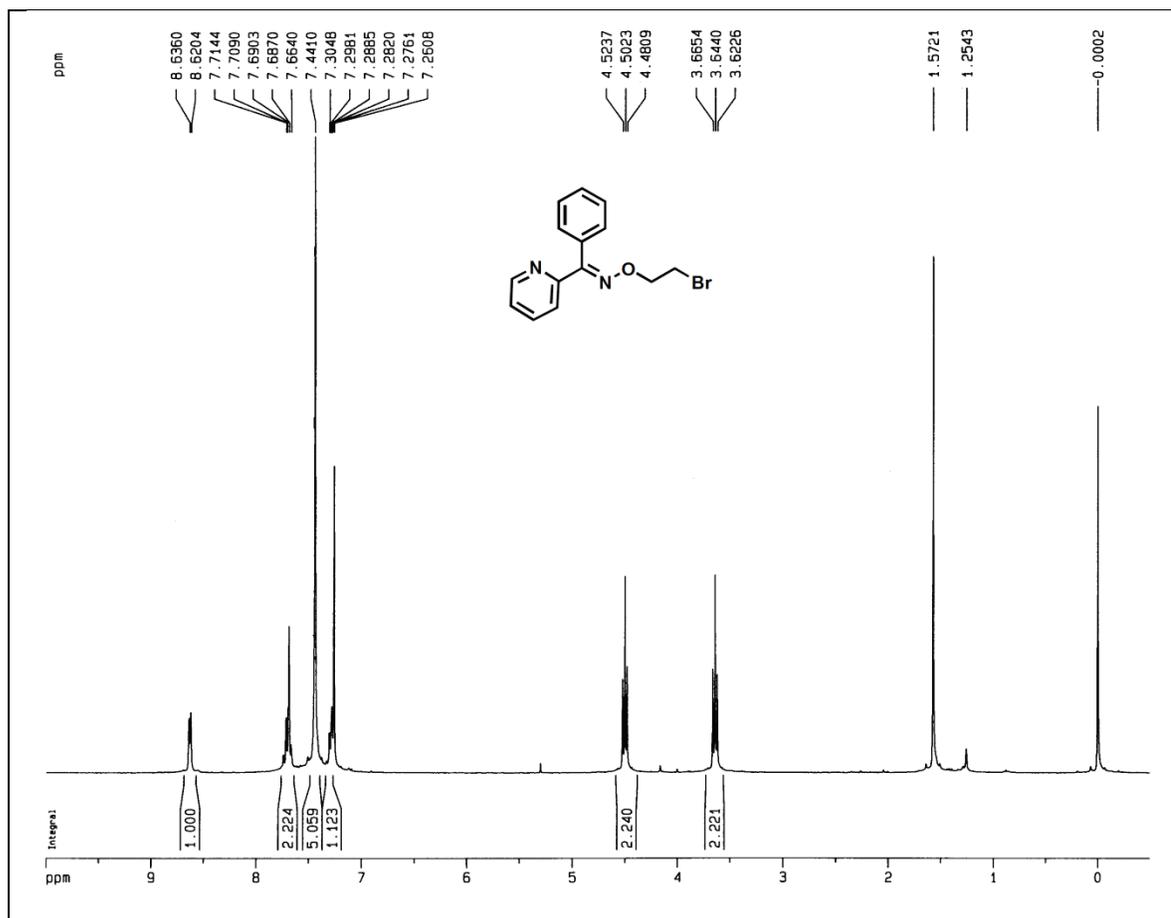
## IR of 22g

<sup>1</sup>H NMR of 22g

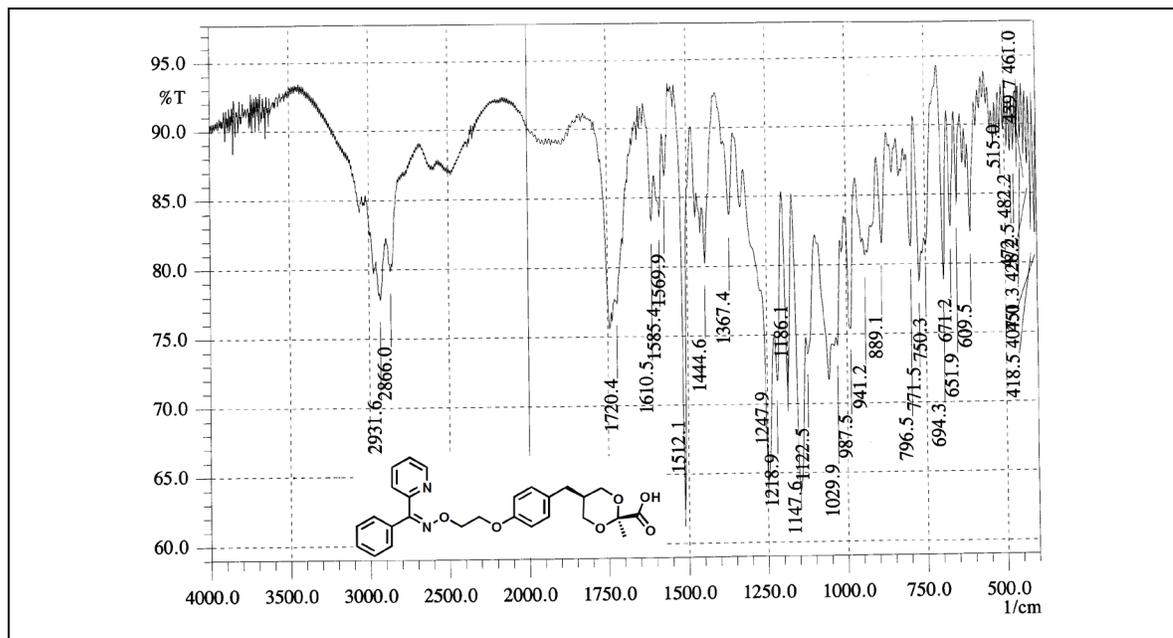
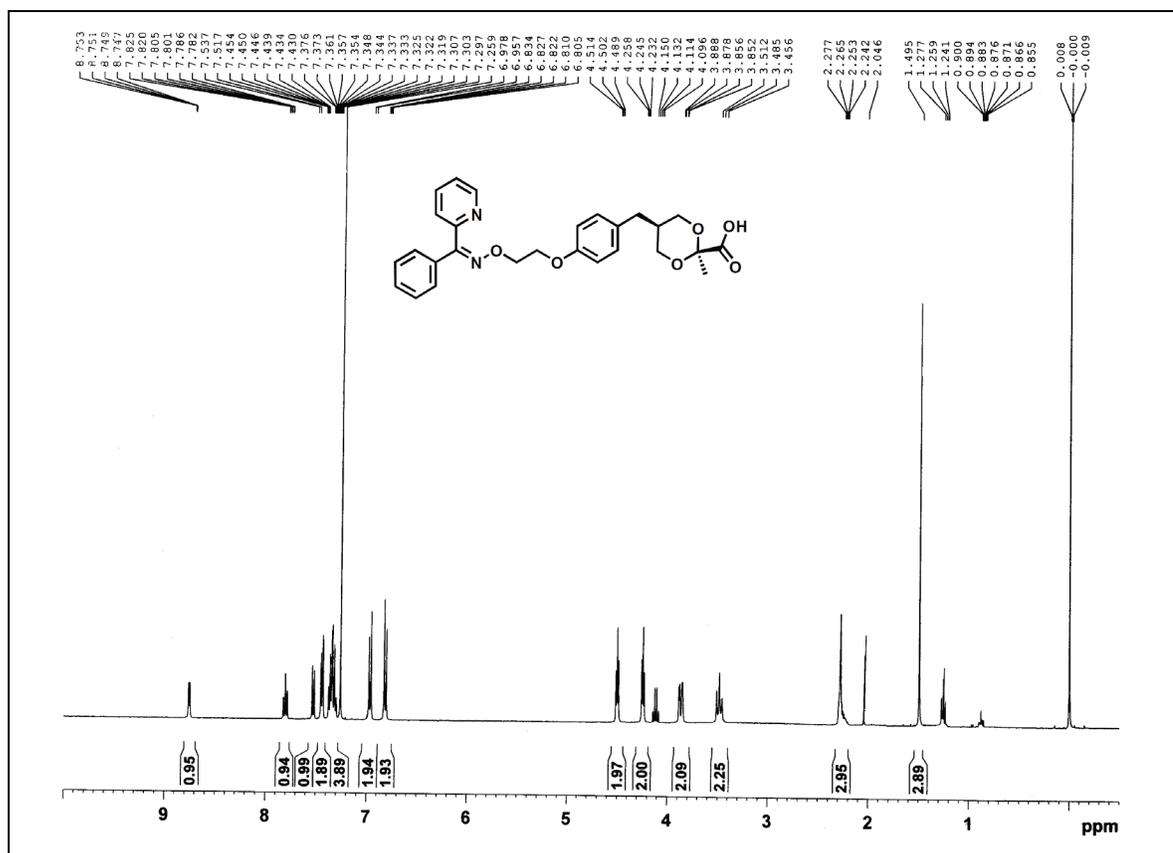
## IR of 25a

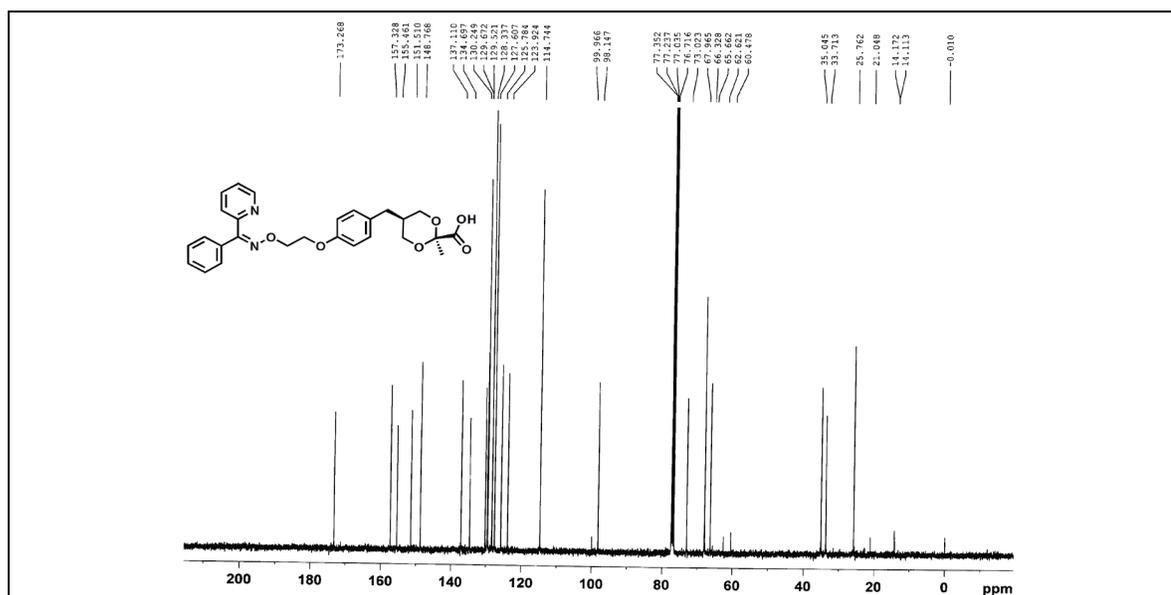
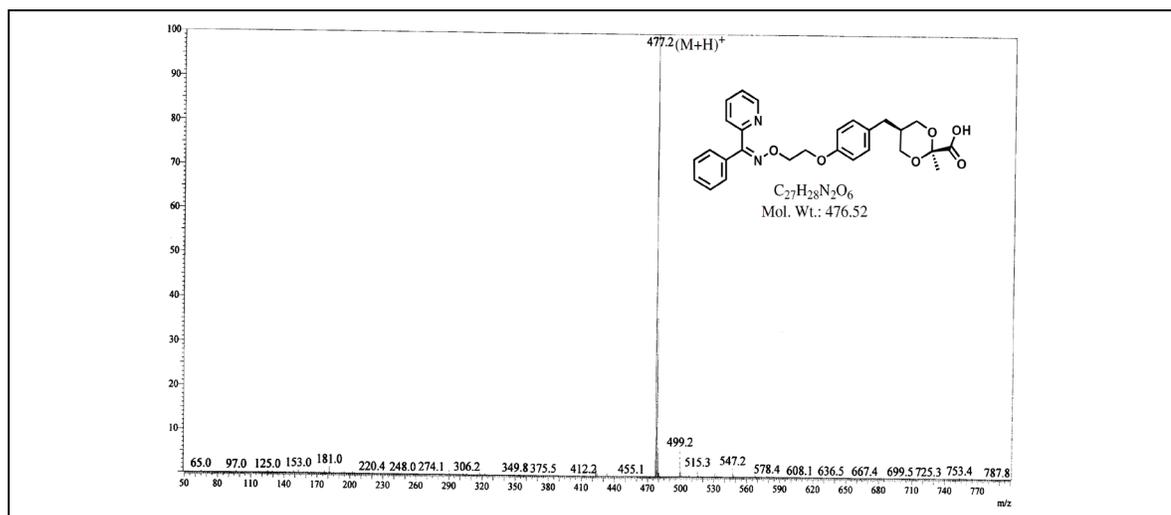
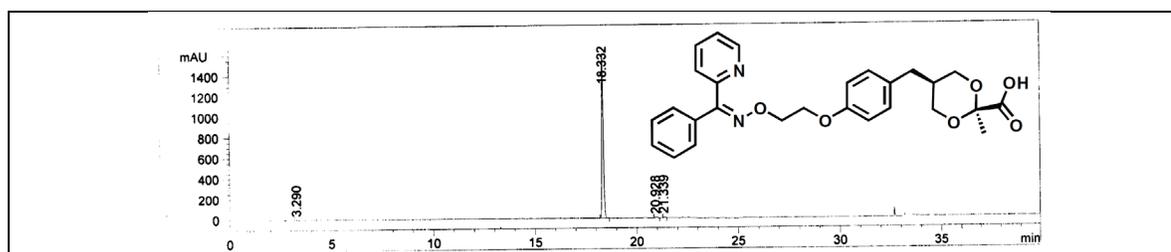
<sup>1</sup>H NMR of 25a

## IR of 25b

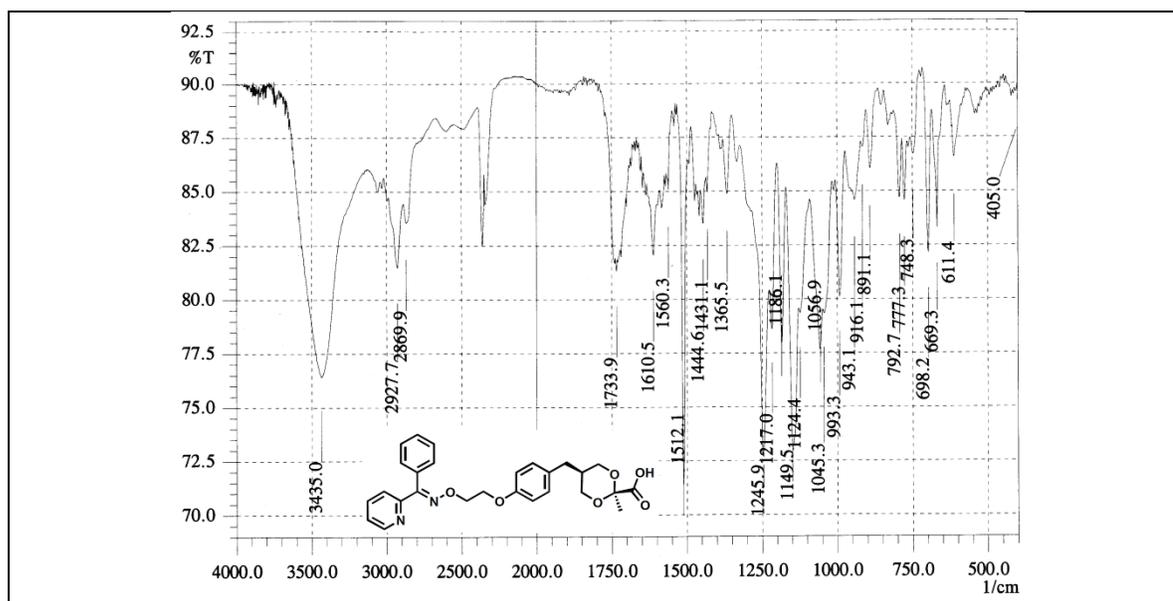
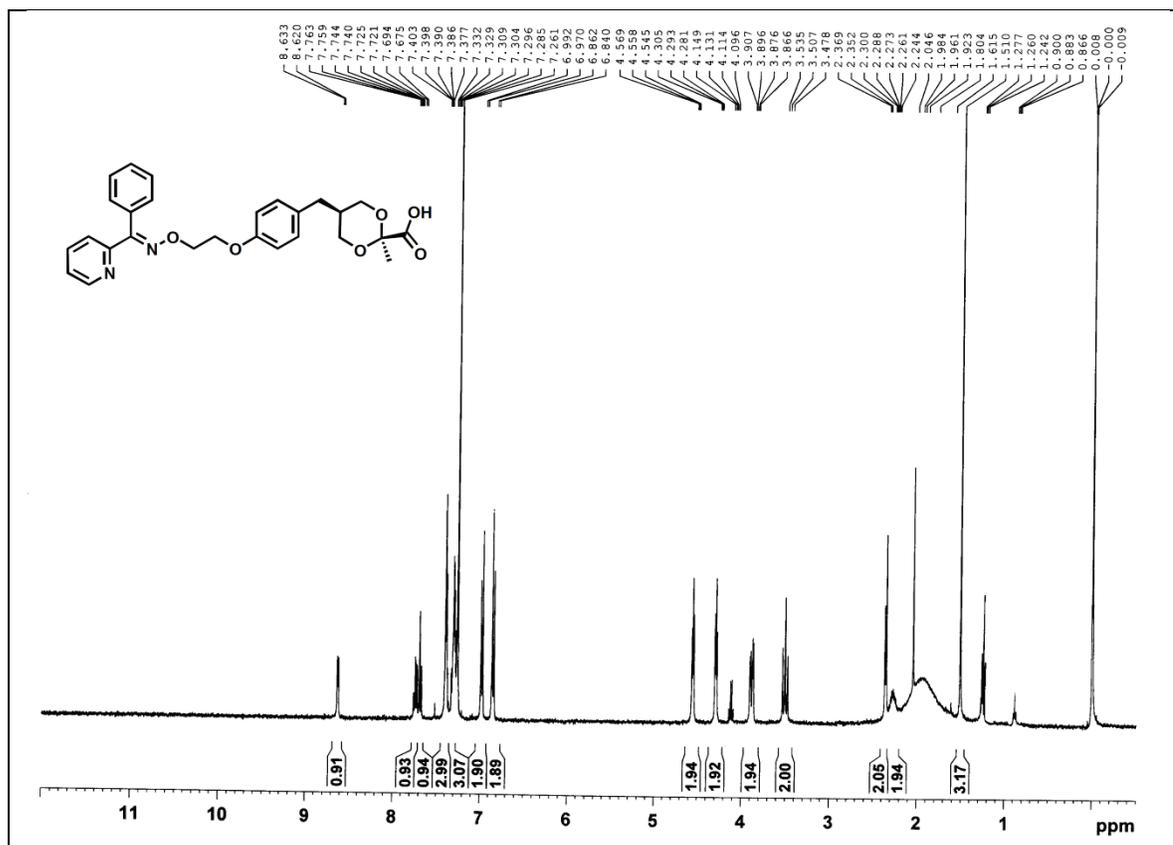
<sup>1</sup>H NMR of 25b

## IR of 27a

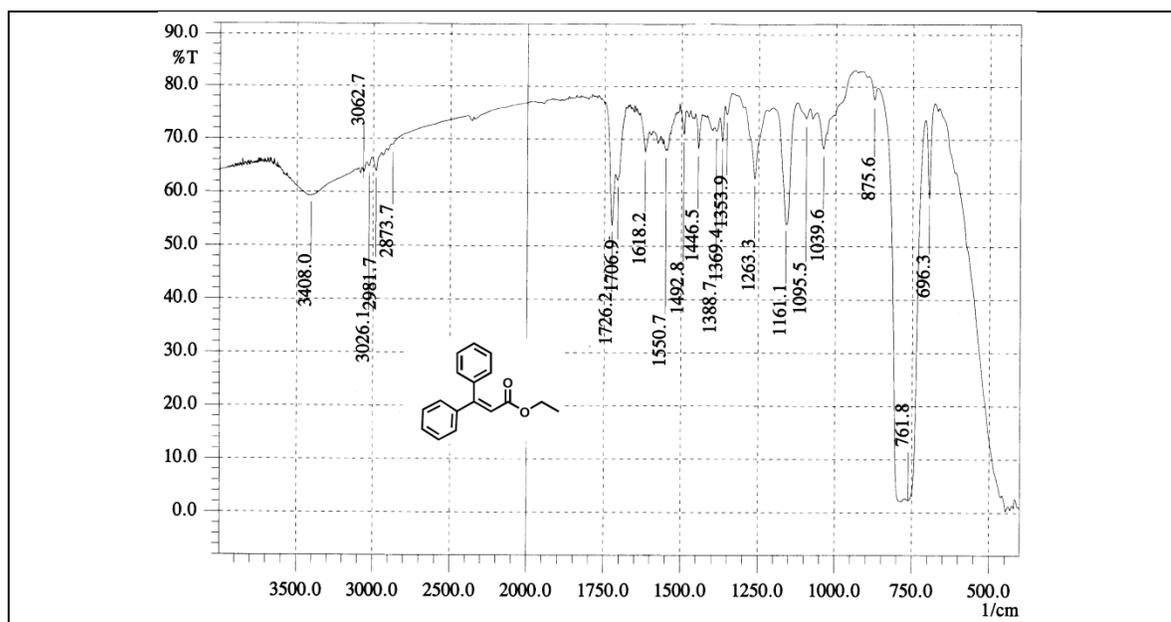
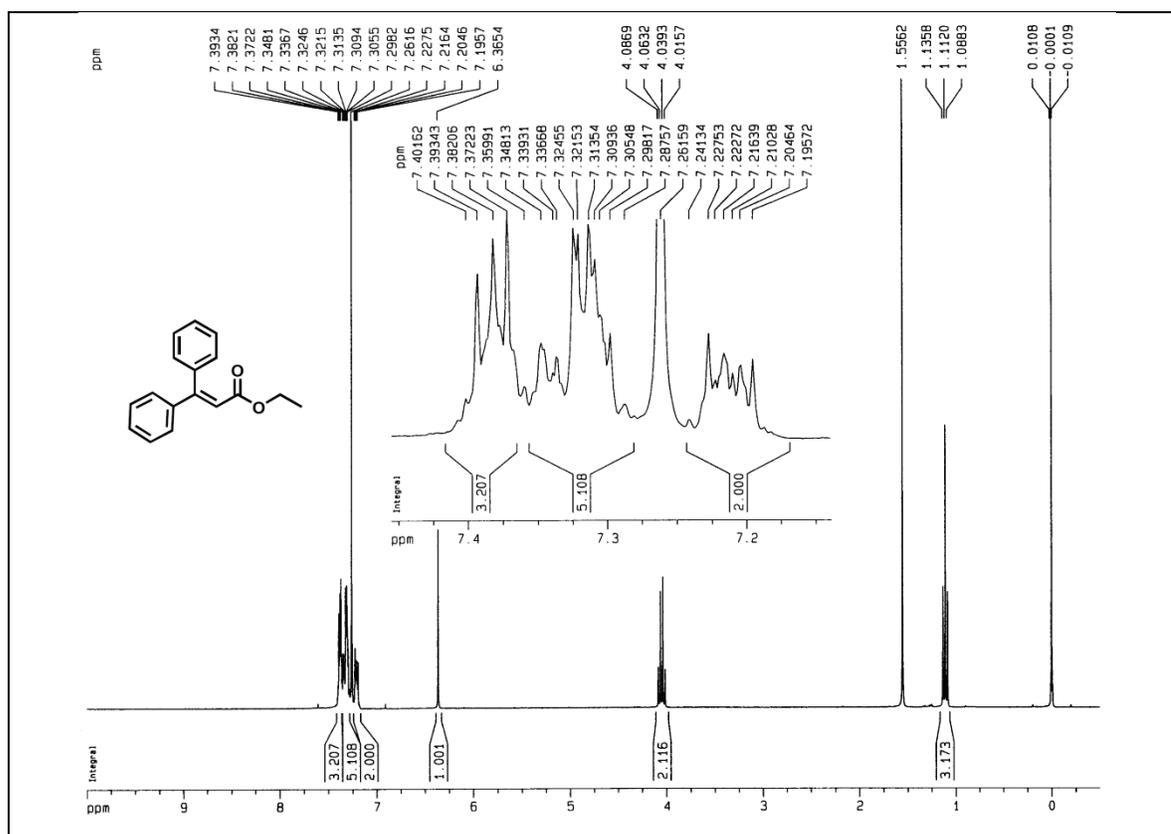
<sup>1</sup>H NMR of 27a

**$^{13}\text{C}$  NMR of 27a****MASS of 27a****HPLC of 27a**

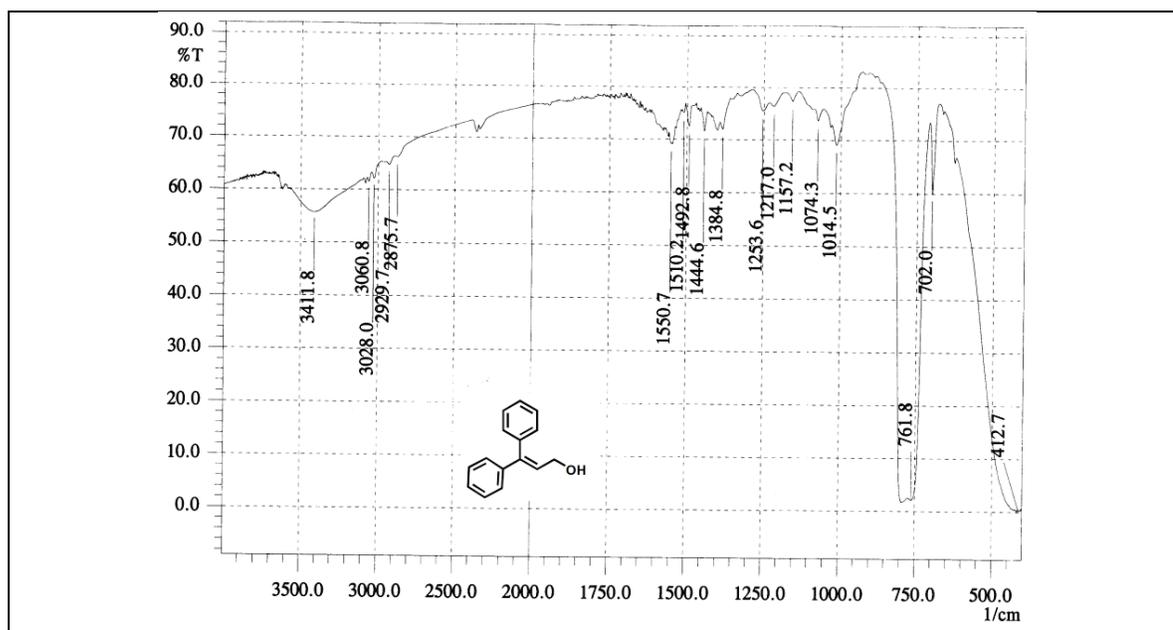
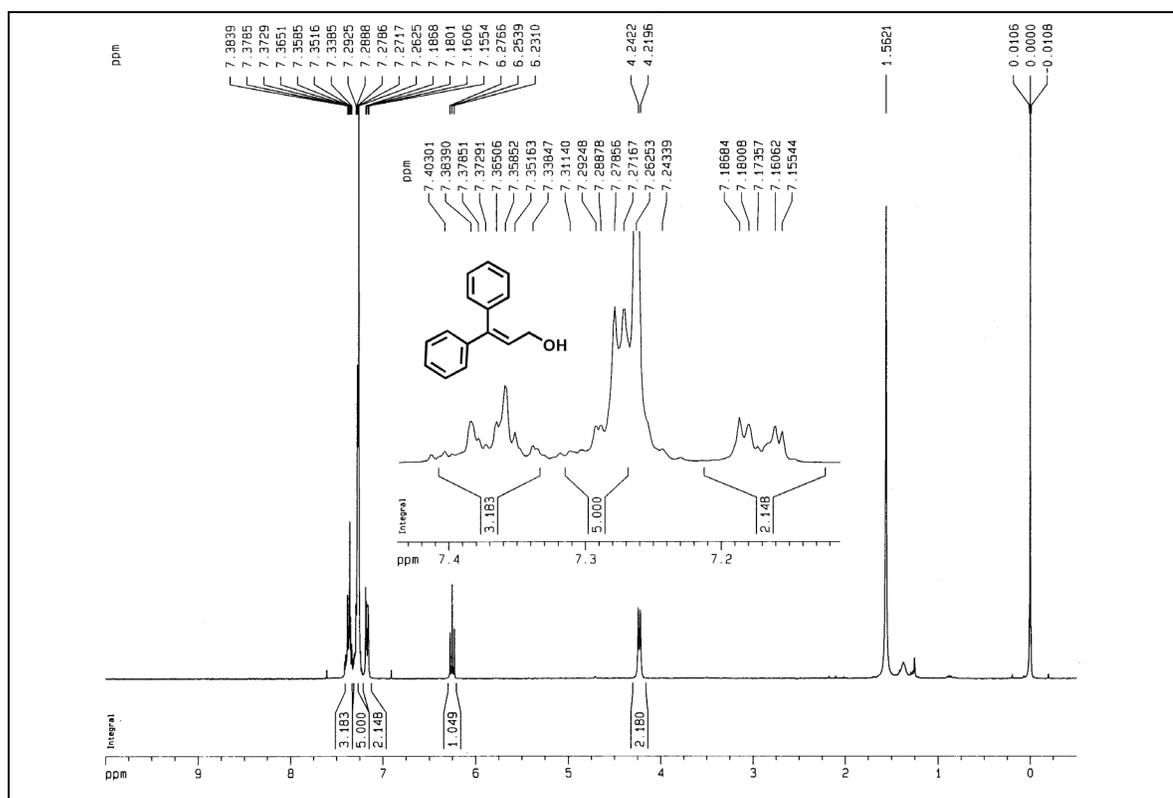
## IR of 27b

 $^1\text{H}$  NMR of 27b

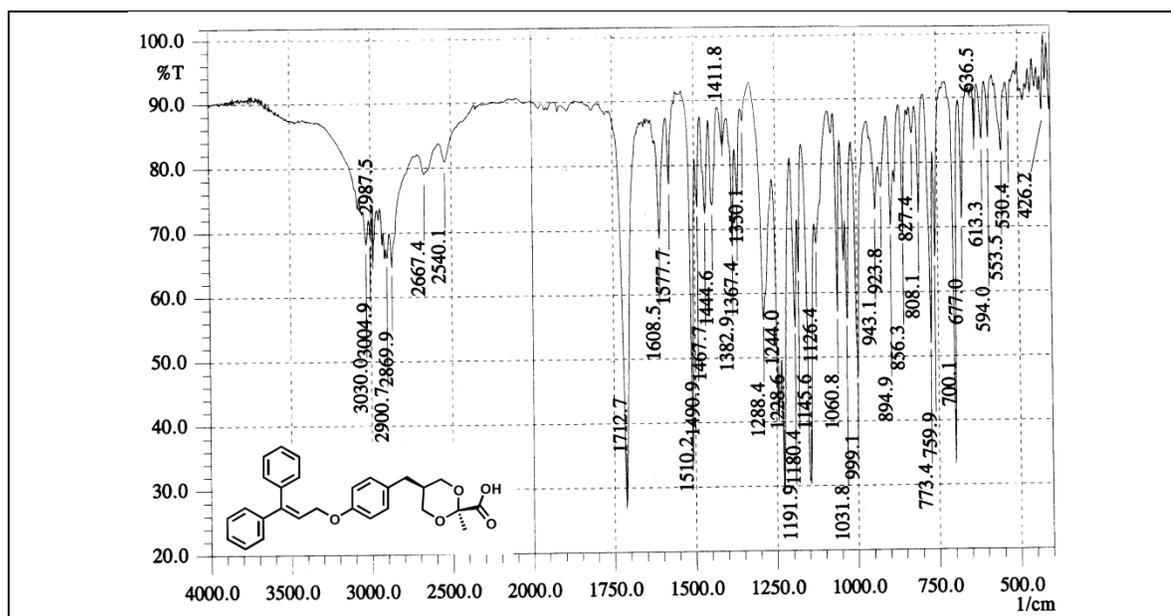
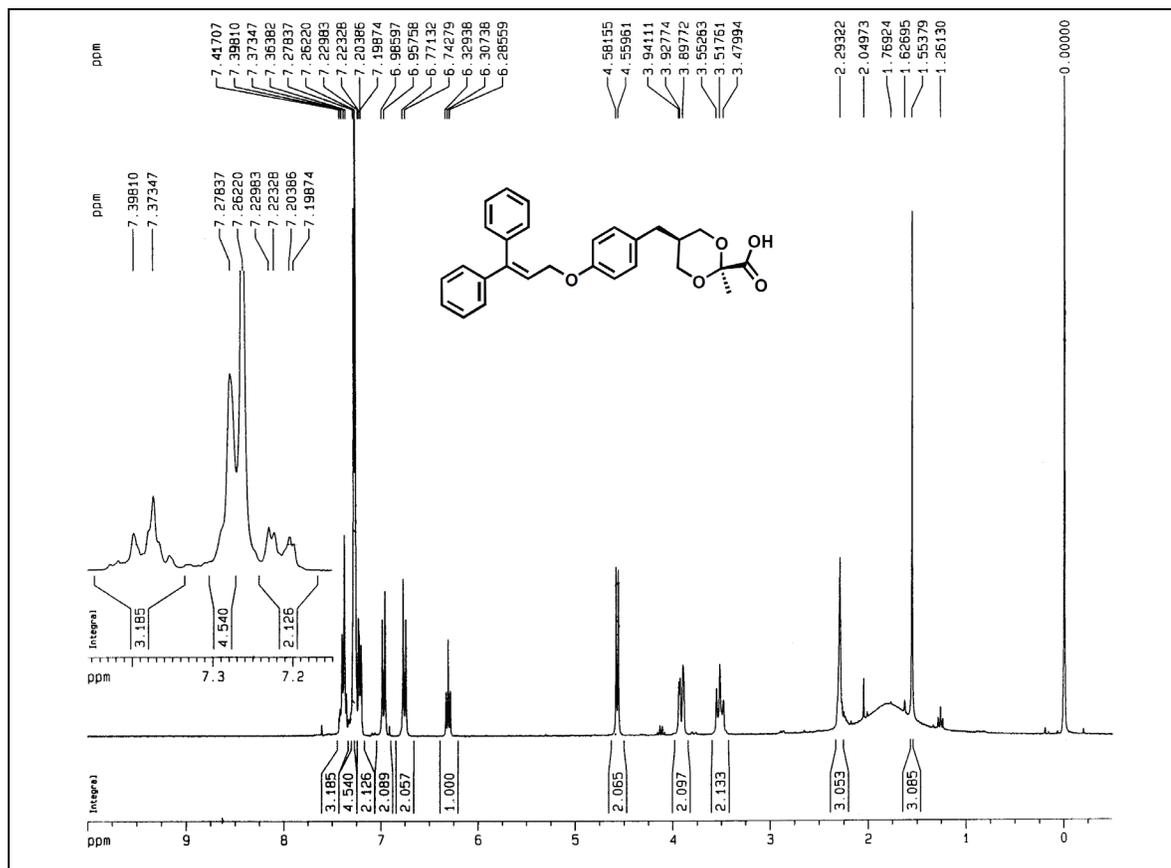
## IR of 29a

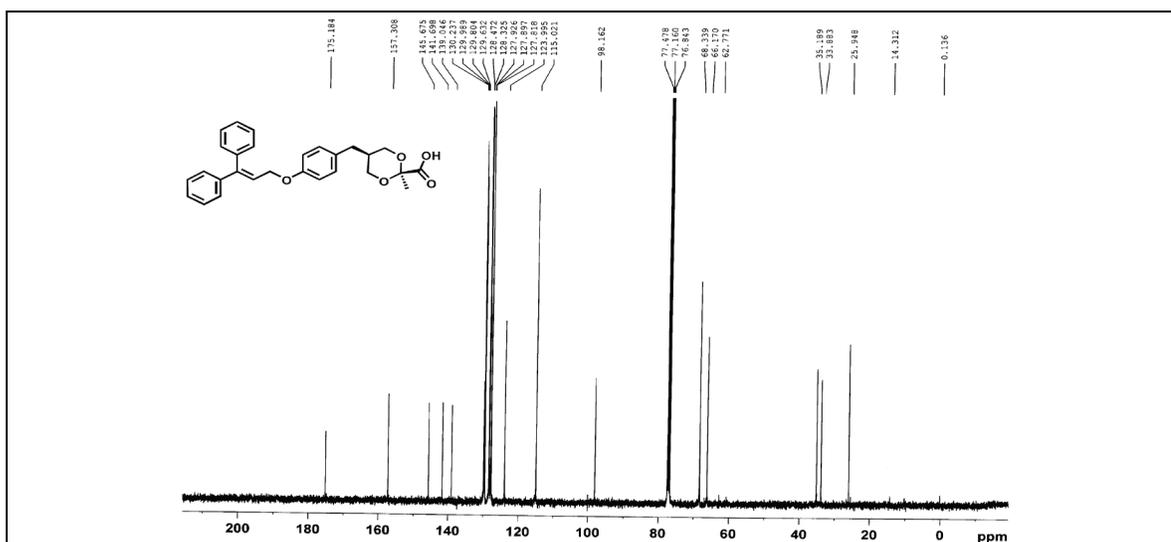
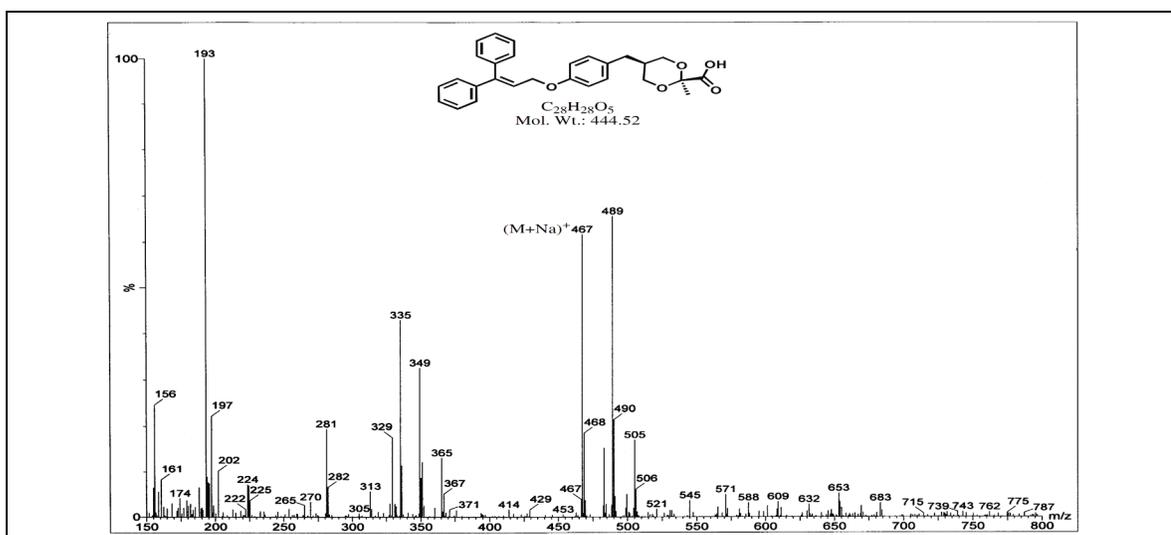
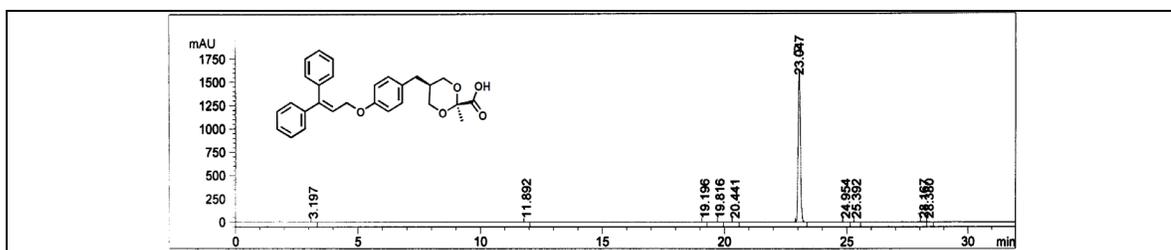
<sup>1</sup>H NMR of 29a

## IR of 30a

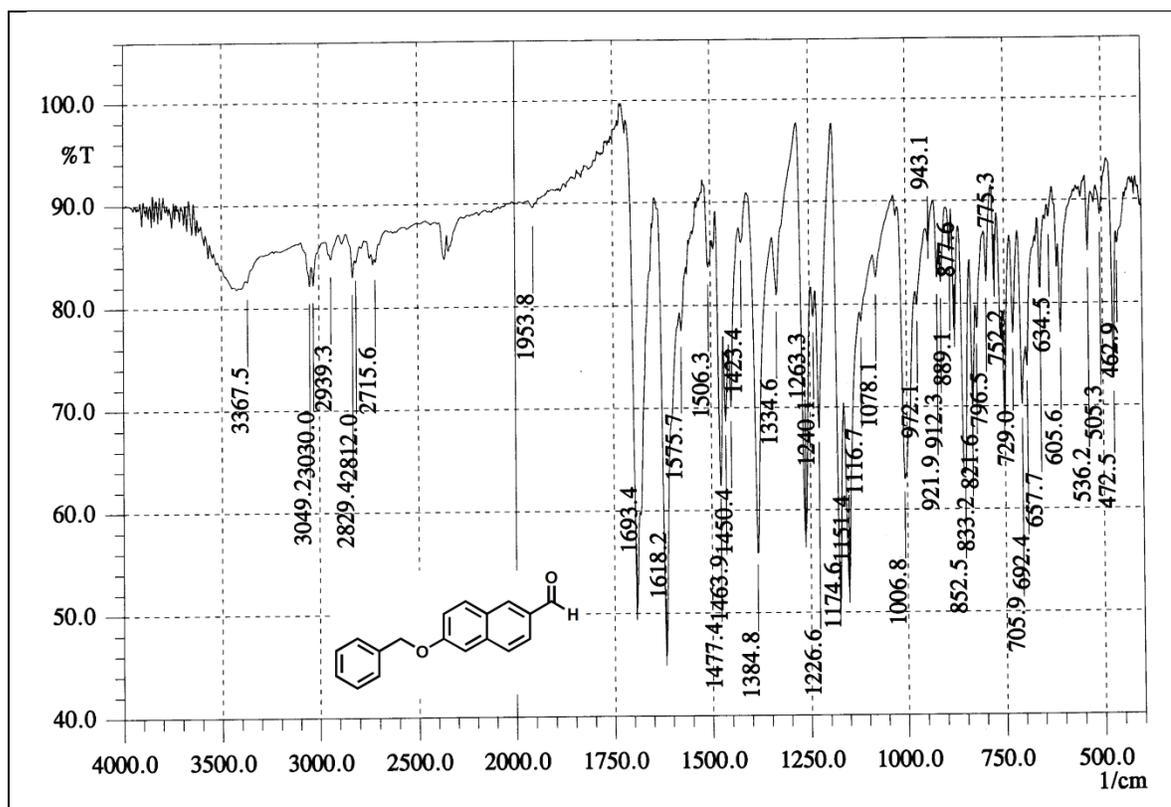
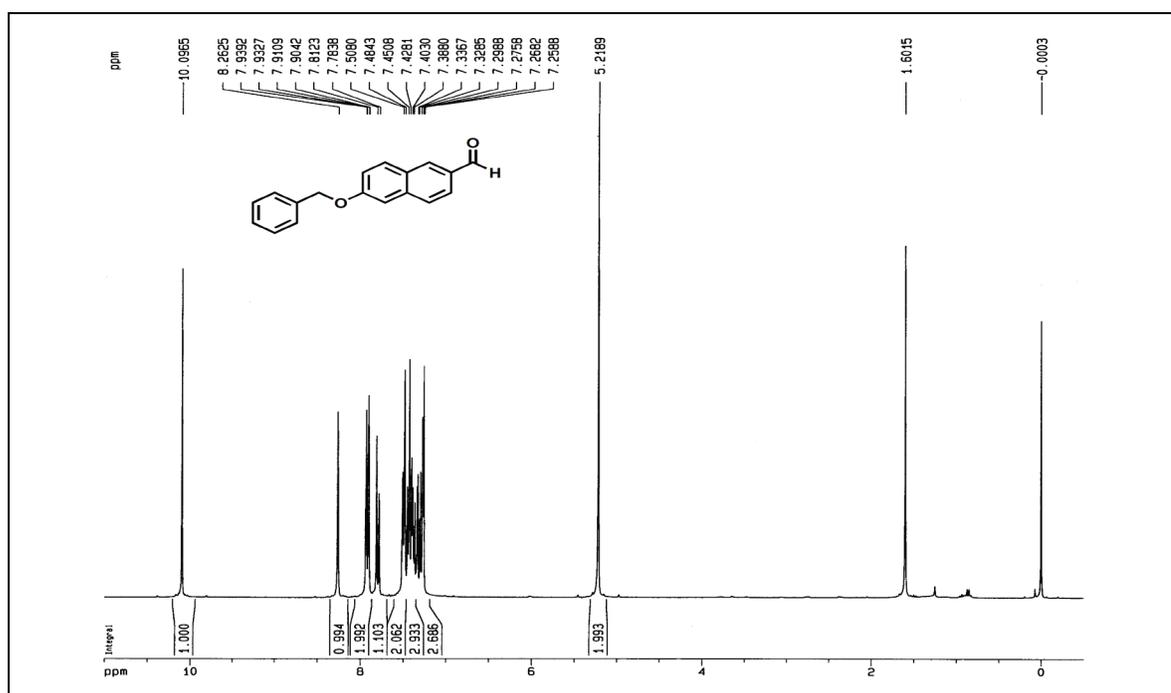
<sup>1</sup>H NMR of 30a

## IR of 33a

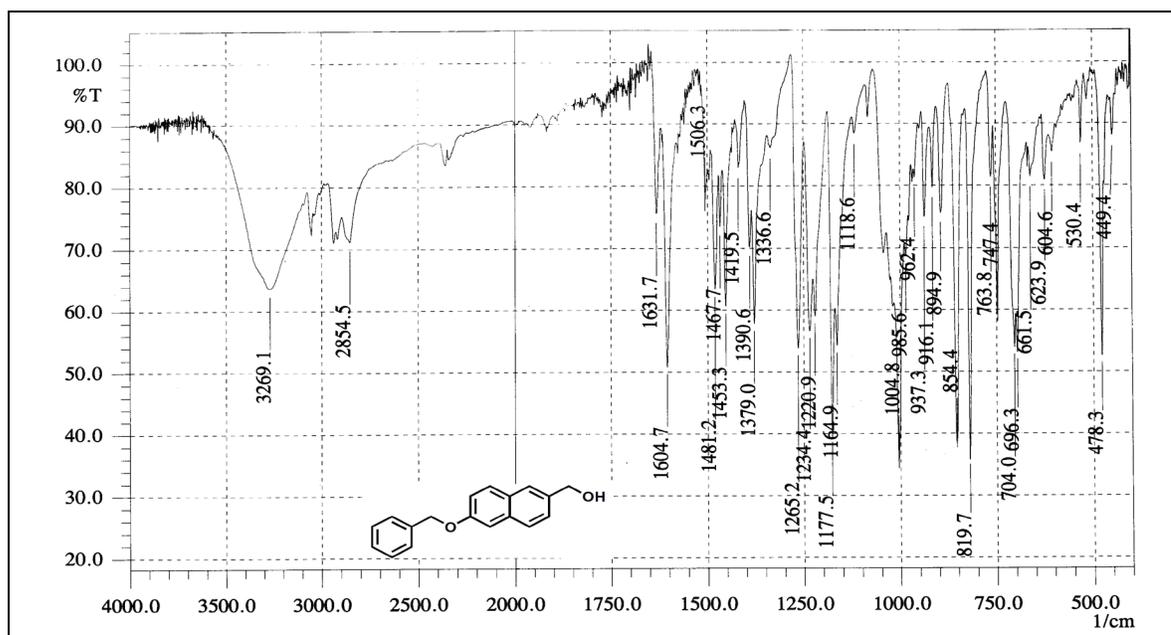
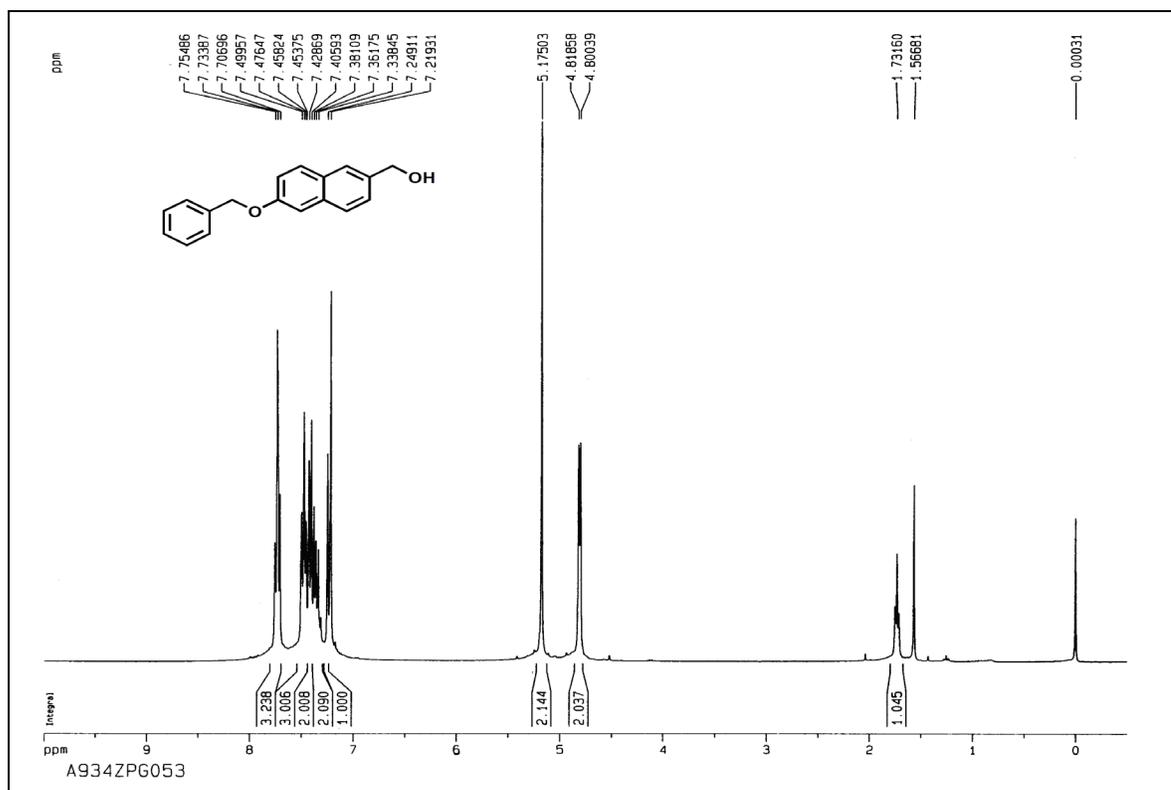
 $^1\text{H}$  NMR of 33a

**$^{13}\text{C}$  NMR of 33a****MASS of 33a****HPLC of 33a**

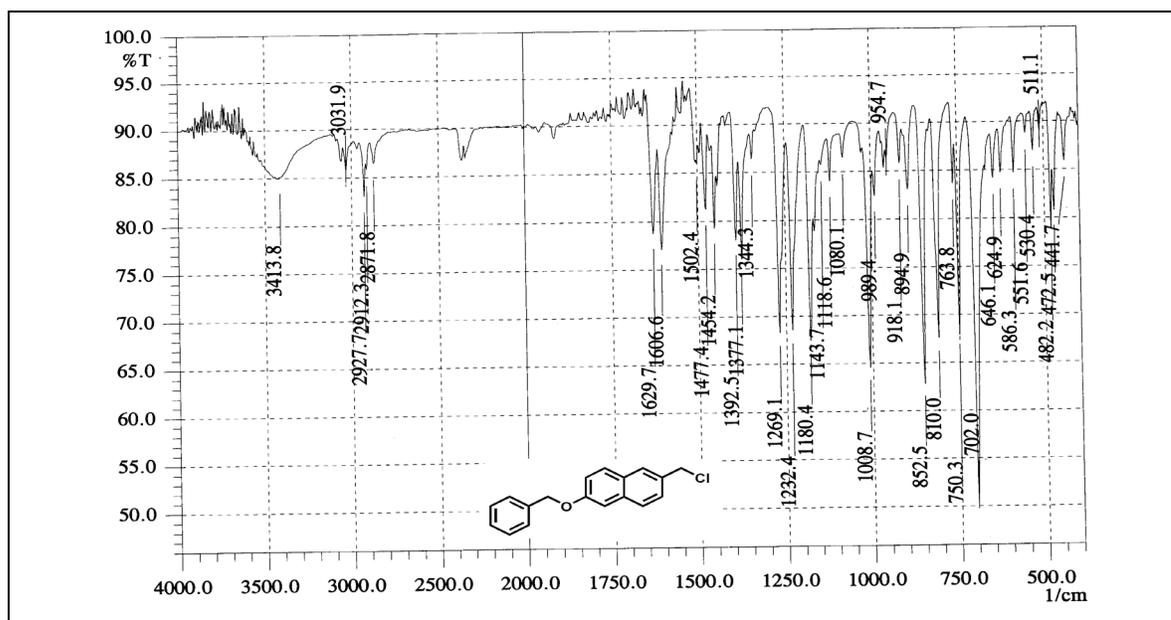
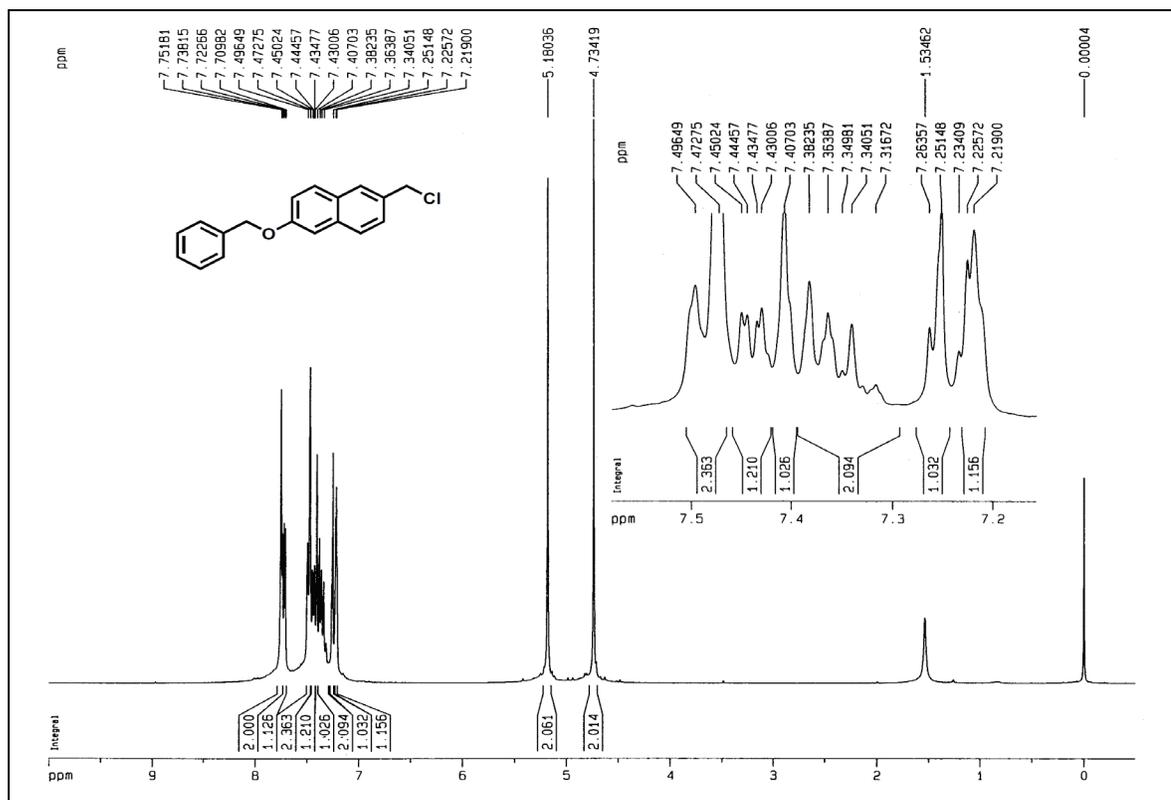
## IR of 38

<sup>1</sup>H NMR of 38

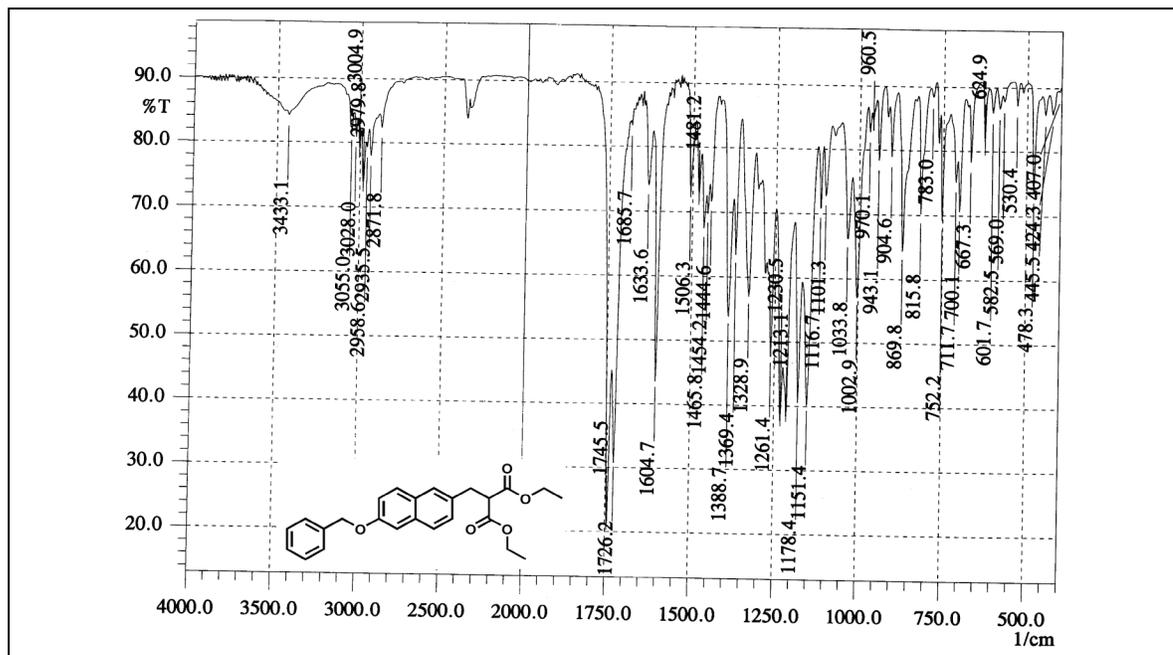
## IR of 40

<sup>1</sup>H NMR of 40

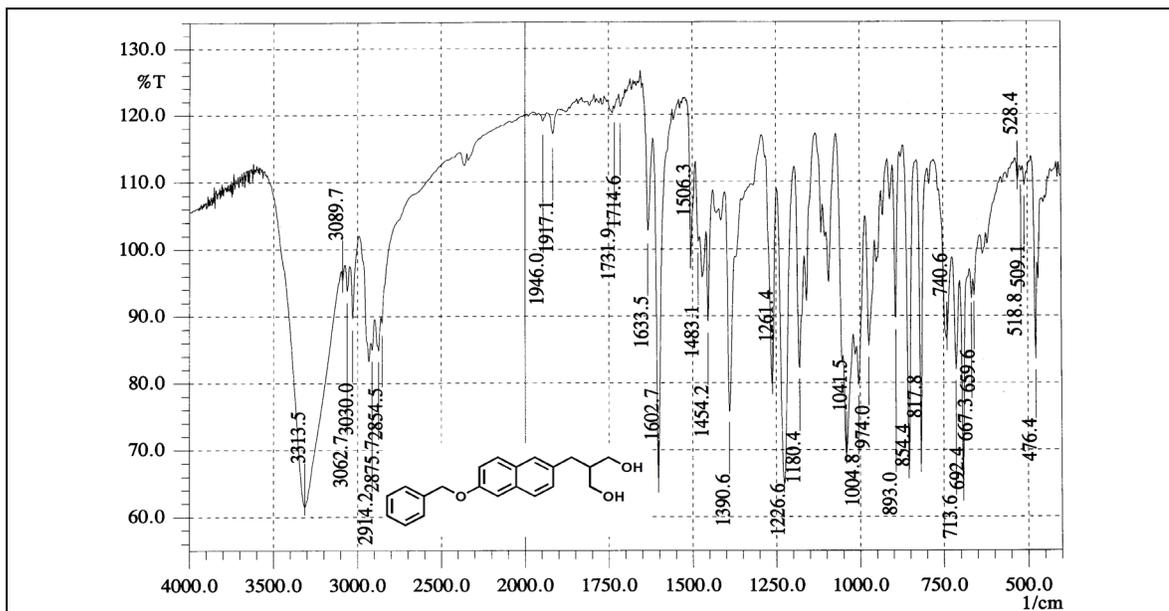
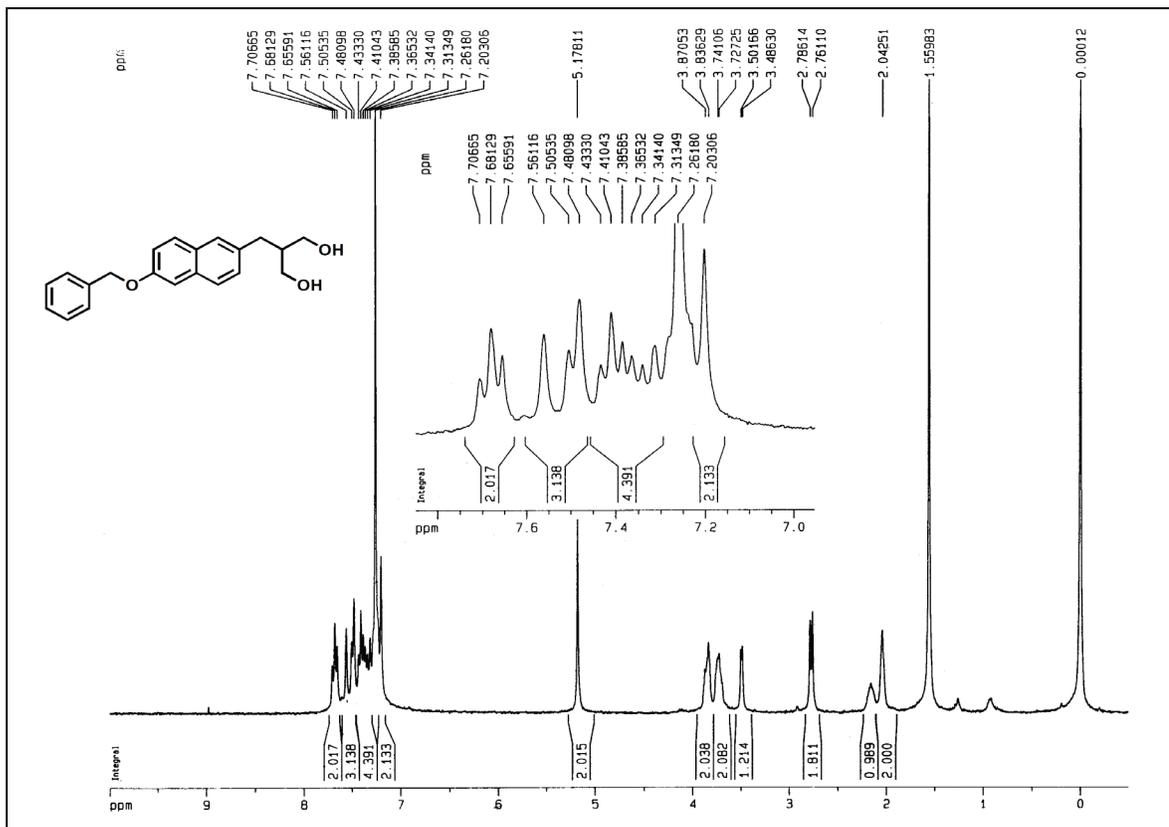
## IR of 41

 $^1\text{H}$  NMR of 41

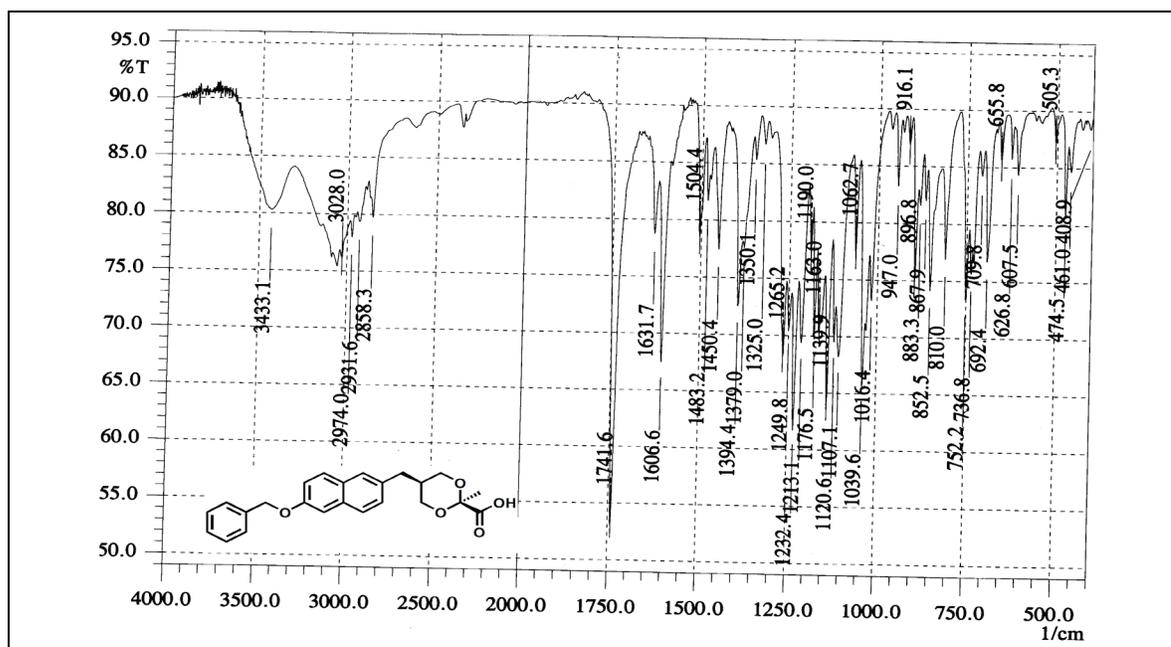
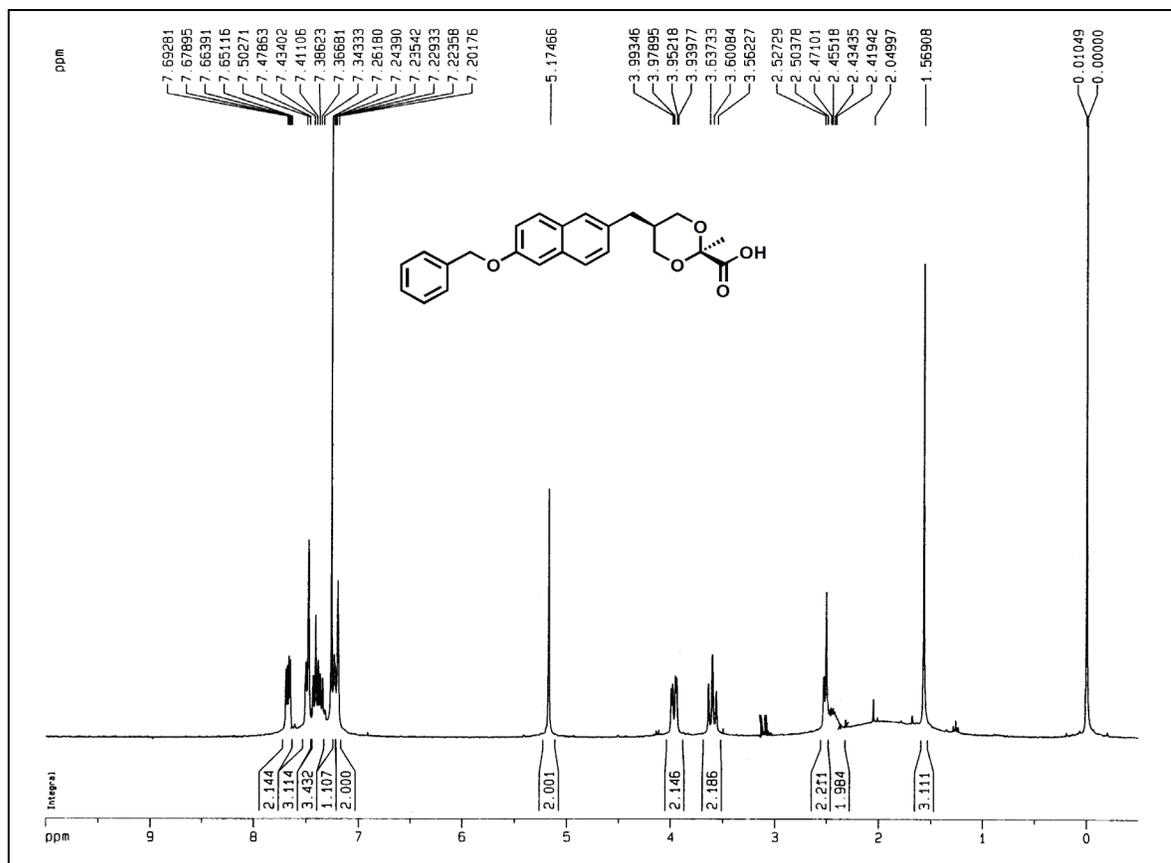
## IR of 42

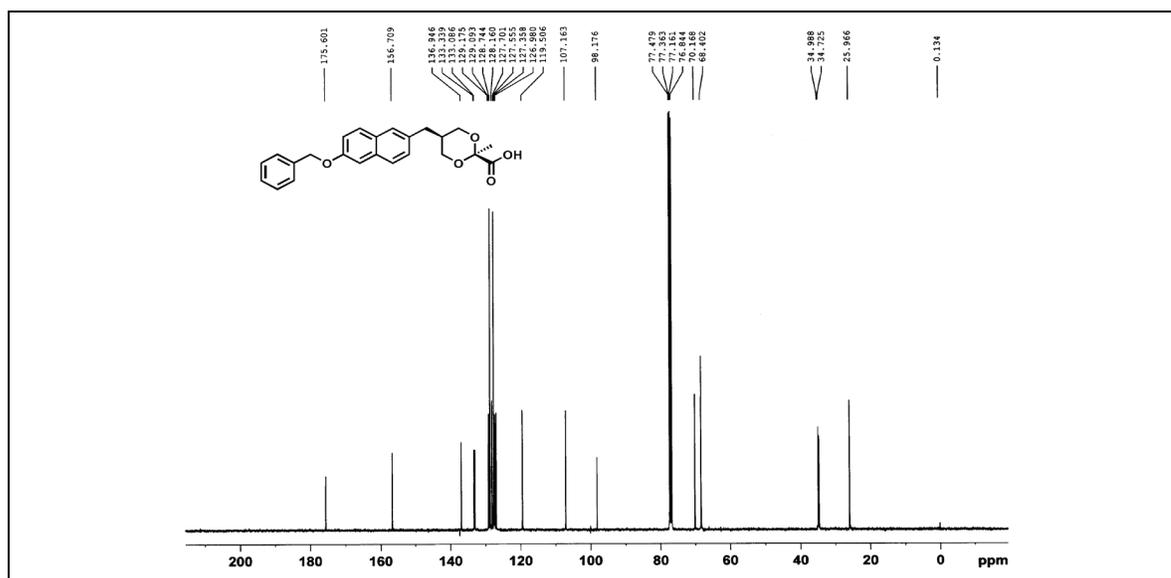
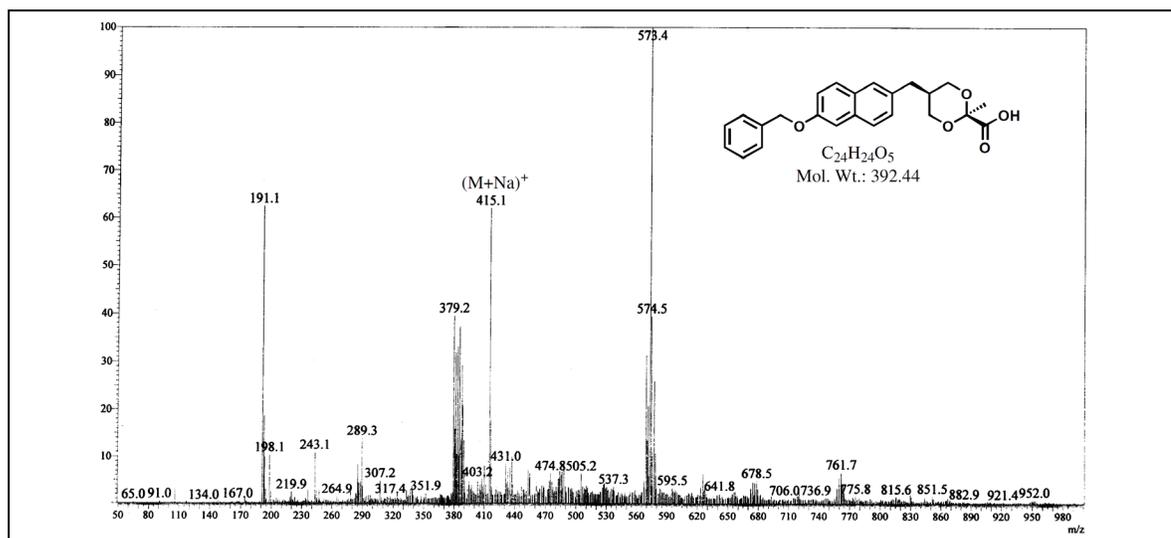
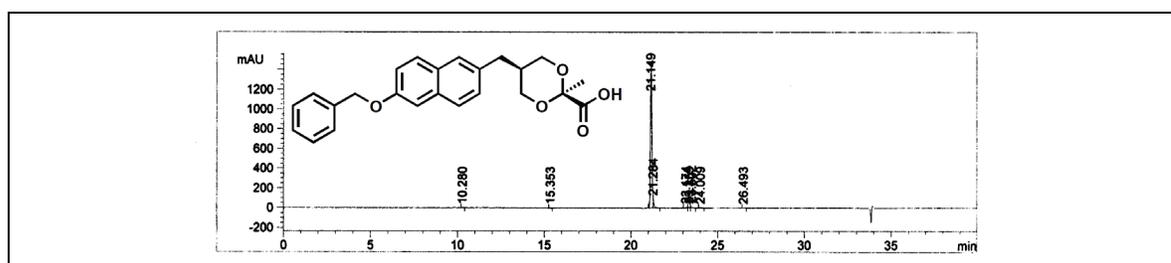
 $^1\text{H}$  NMR of 42

## IR of 43

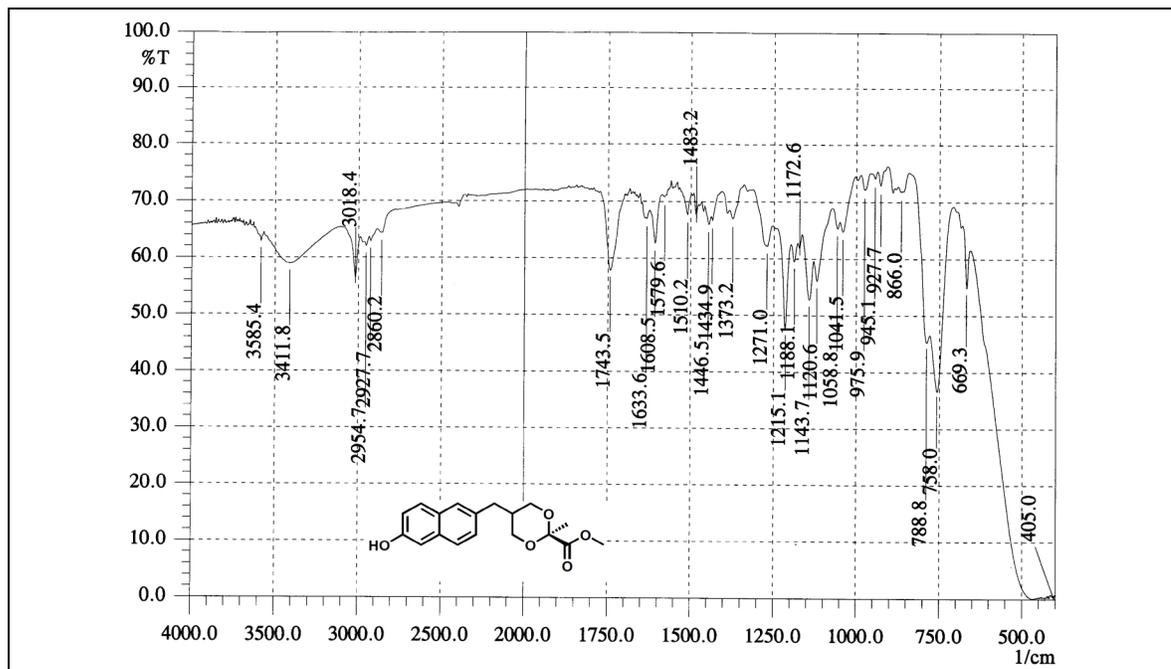
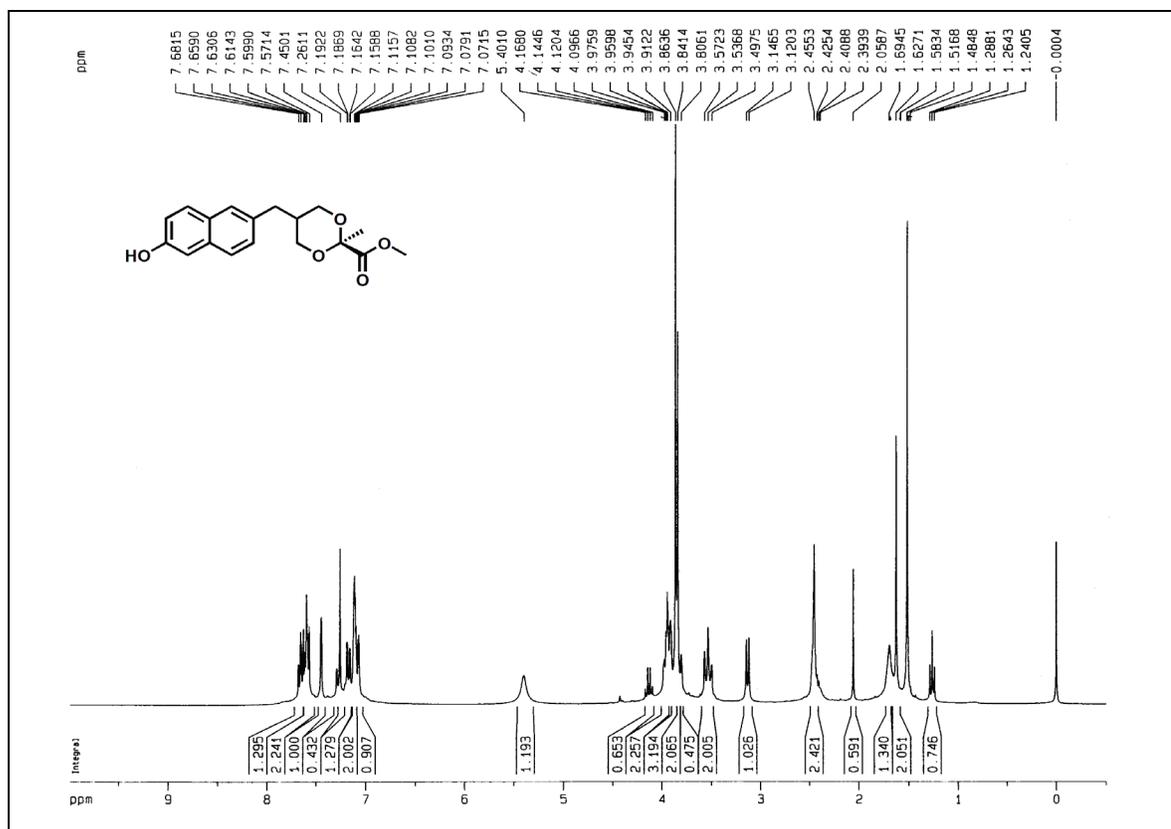
 $^1\text{H}$  NMR of 43

## IR of 46

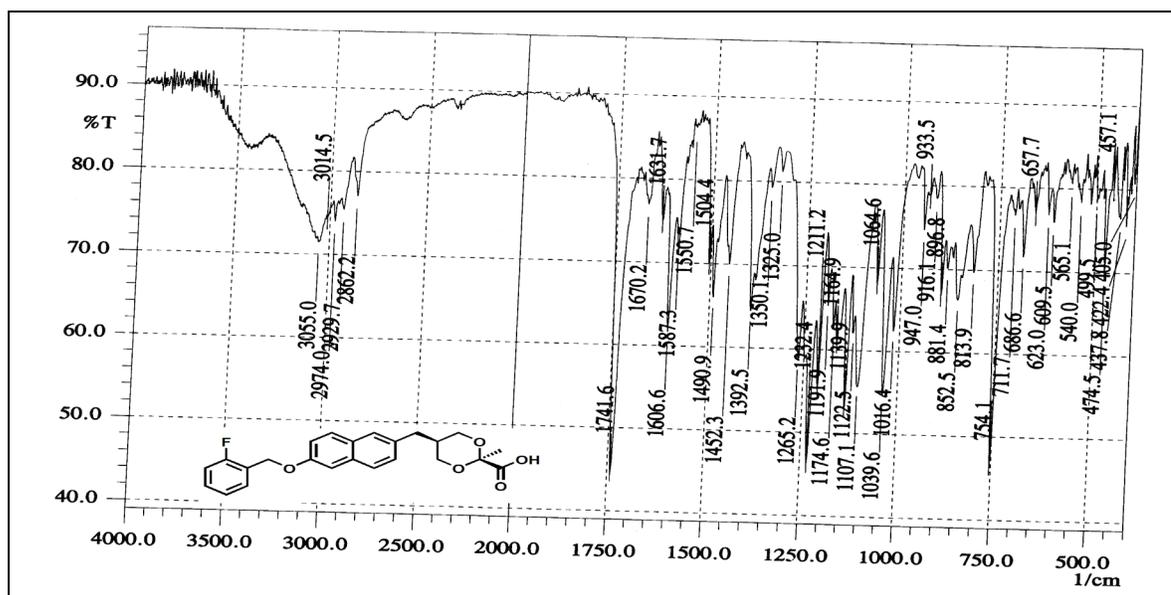
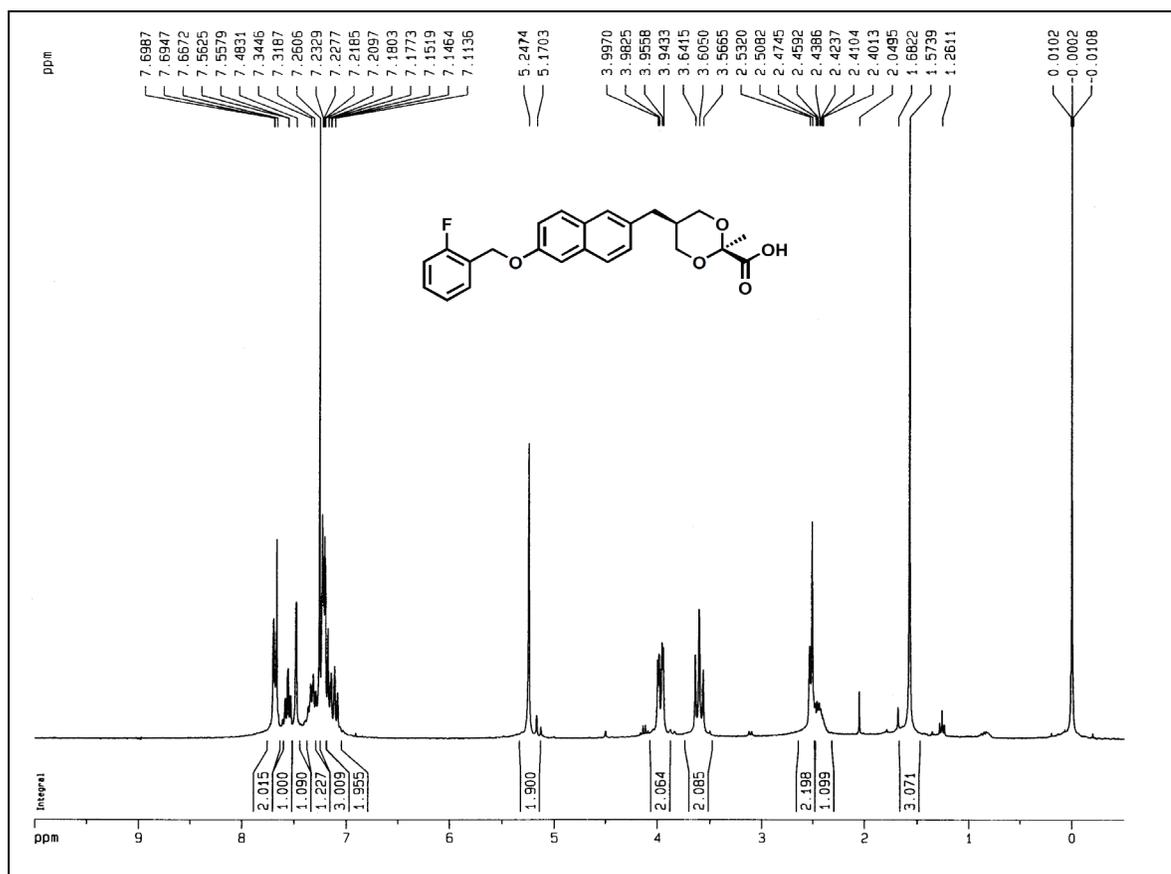
<sup>1</sup>H NMR of 46

**$^{13}\text{C}$  NMR of 46****MASS of 46****HPLC of 46**

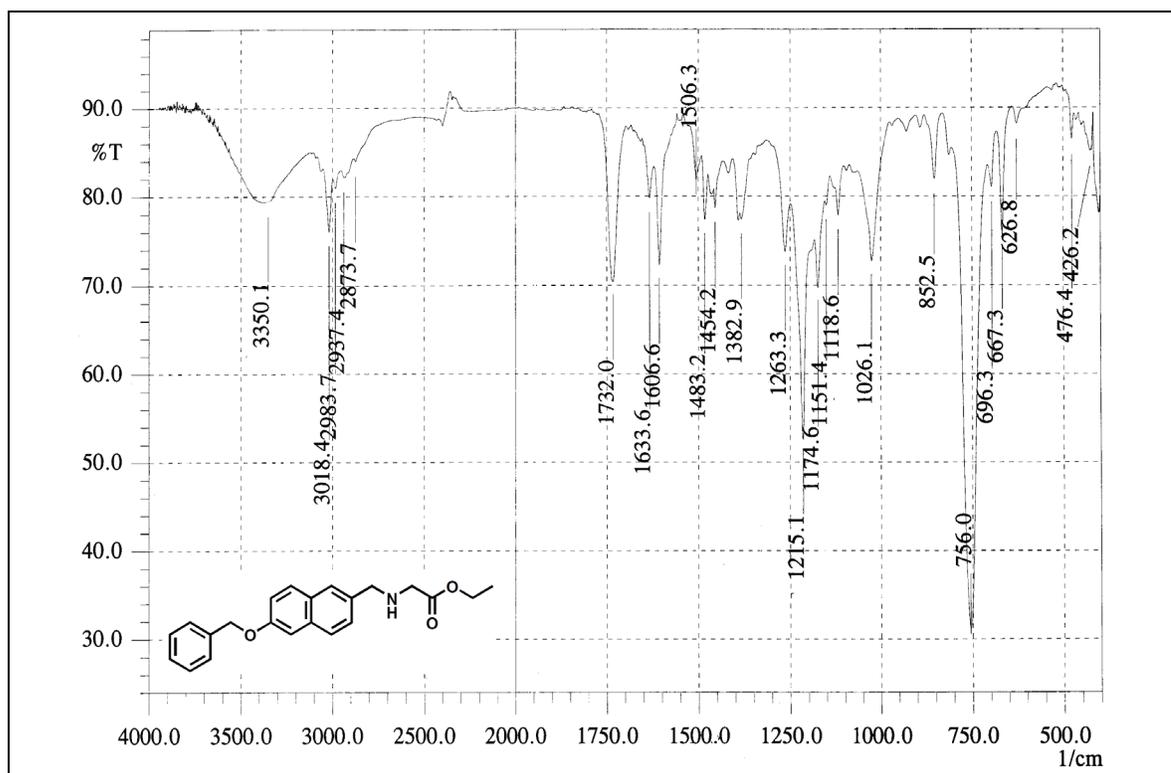
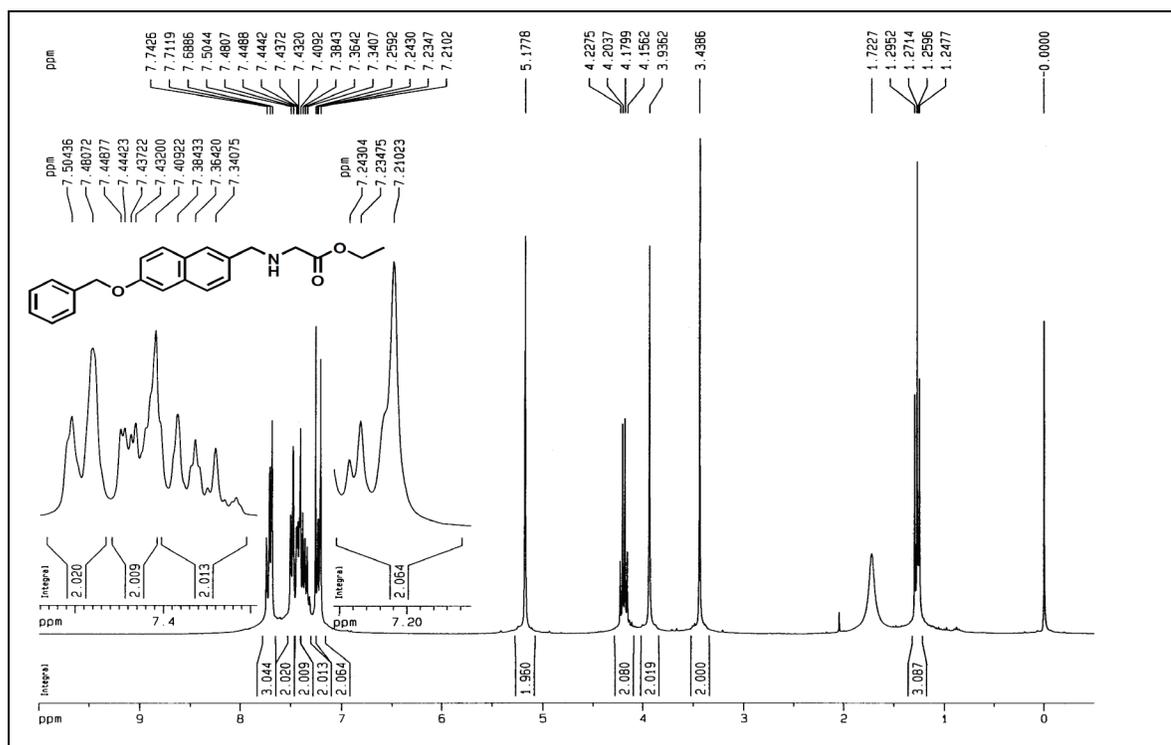
## IR of 47

 $^1\text{H}$  NMR of 47

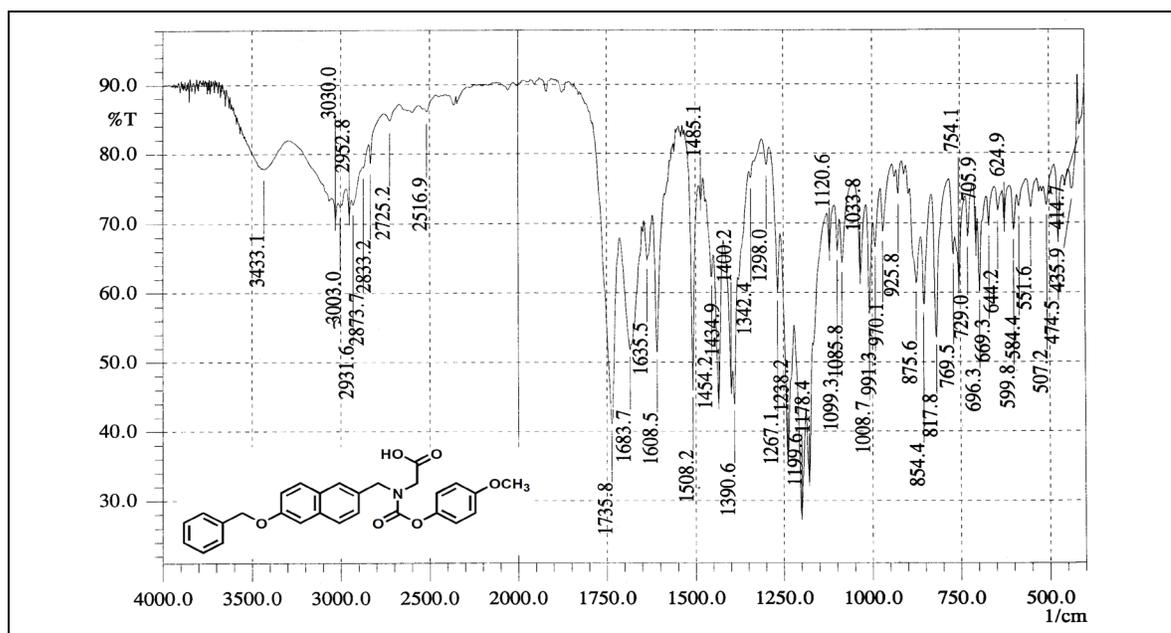
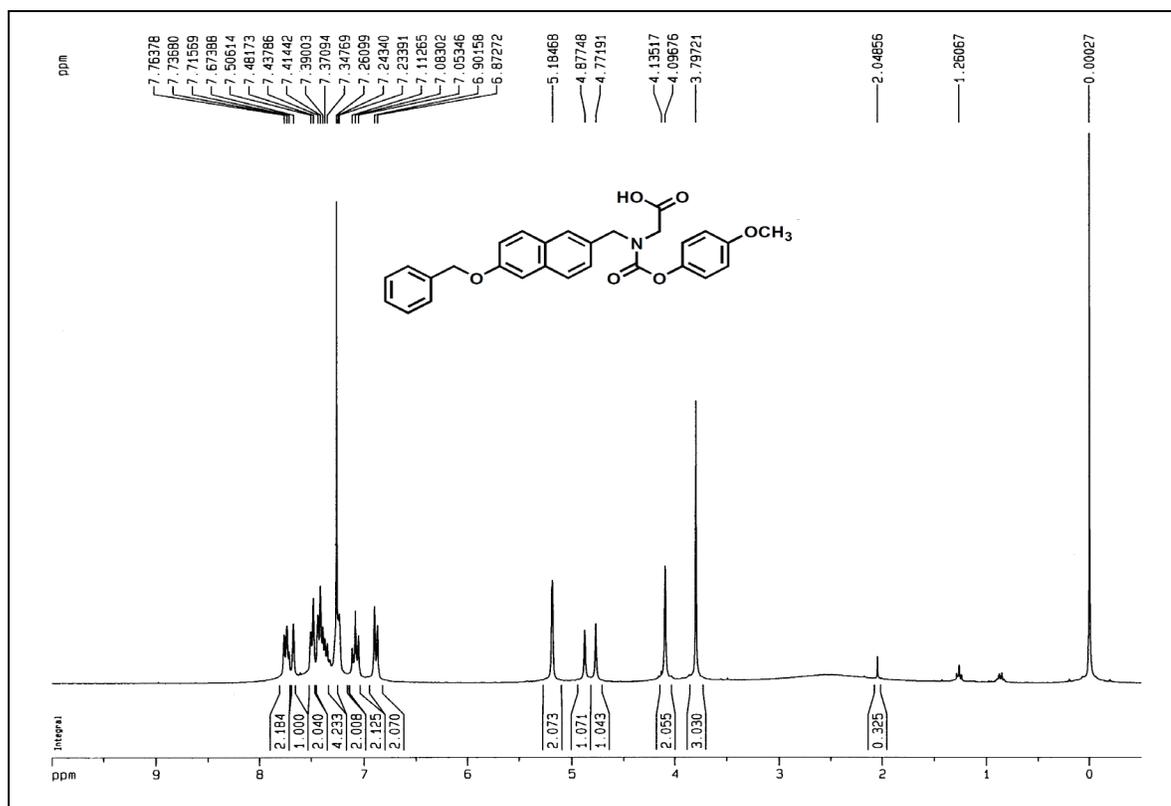
## IR of 51

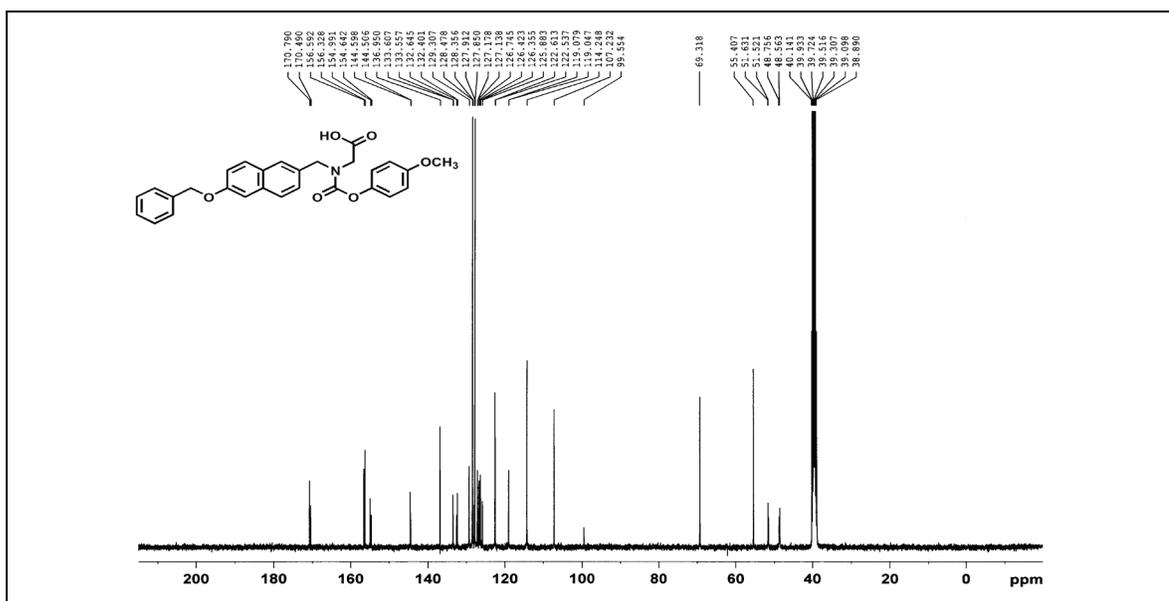
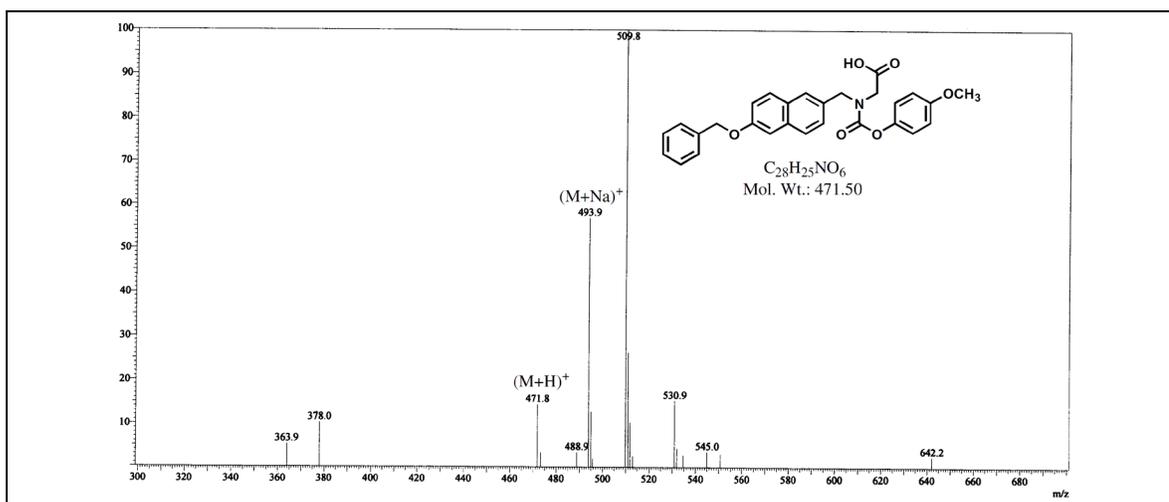
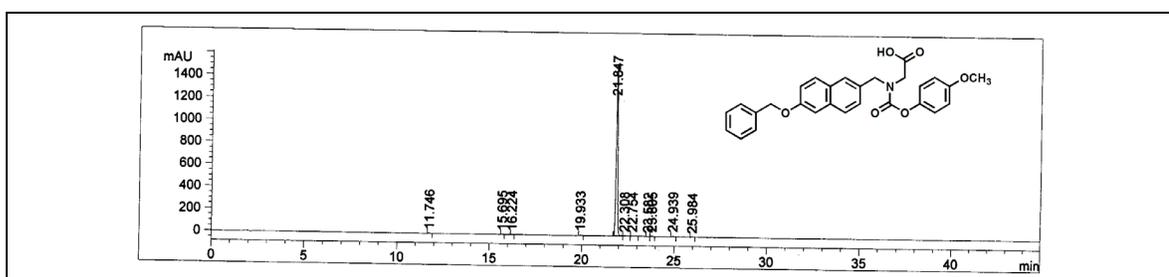
<sup>1</sup>H NMR of 51

## IR of 52

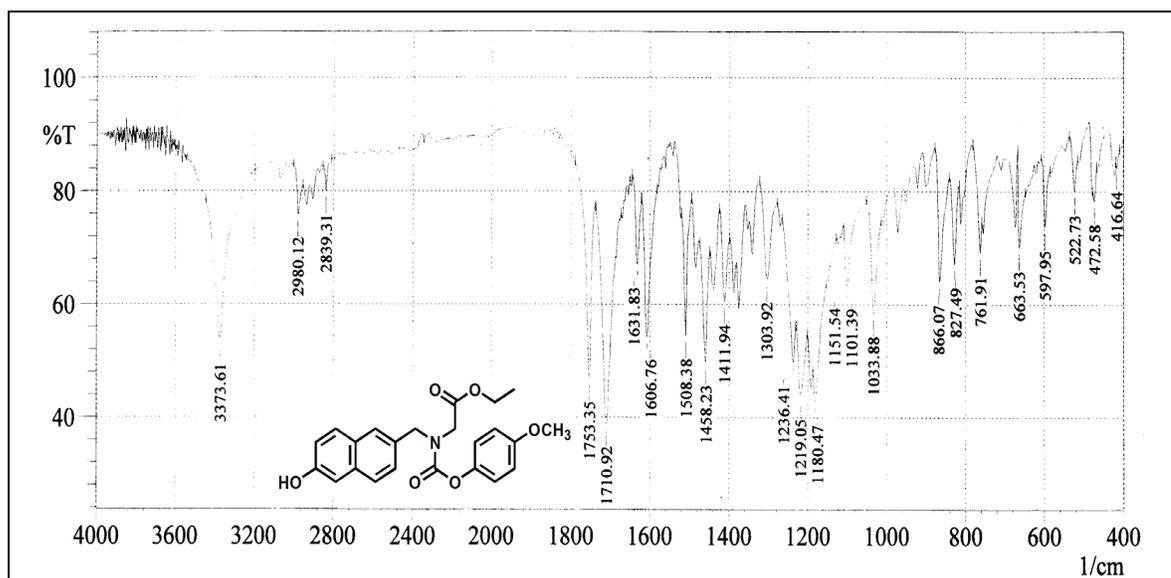
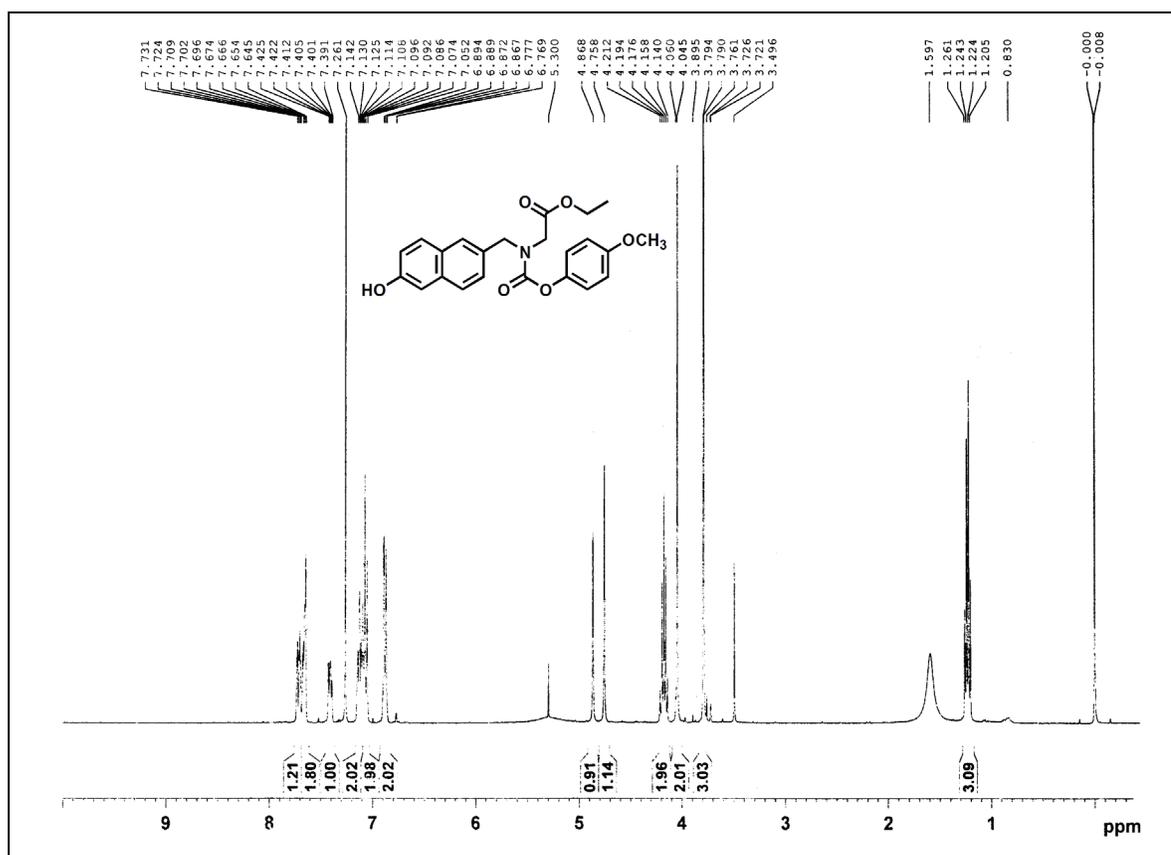
 $^1\text{H}$  NMR of 52

## IR of 54

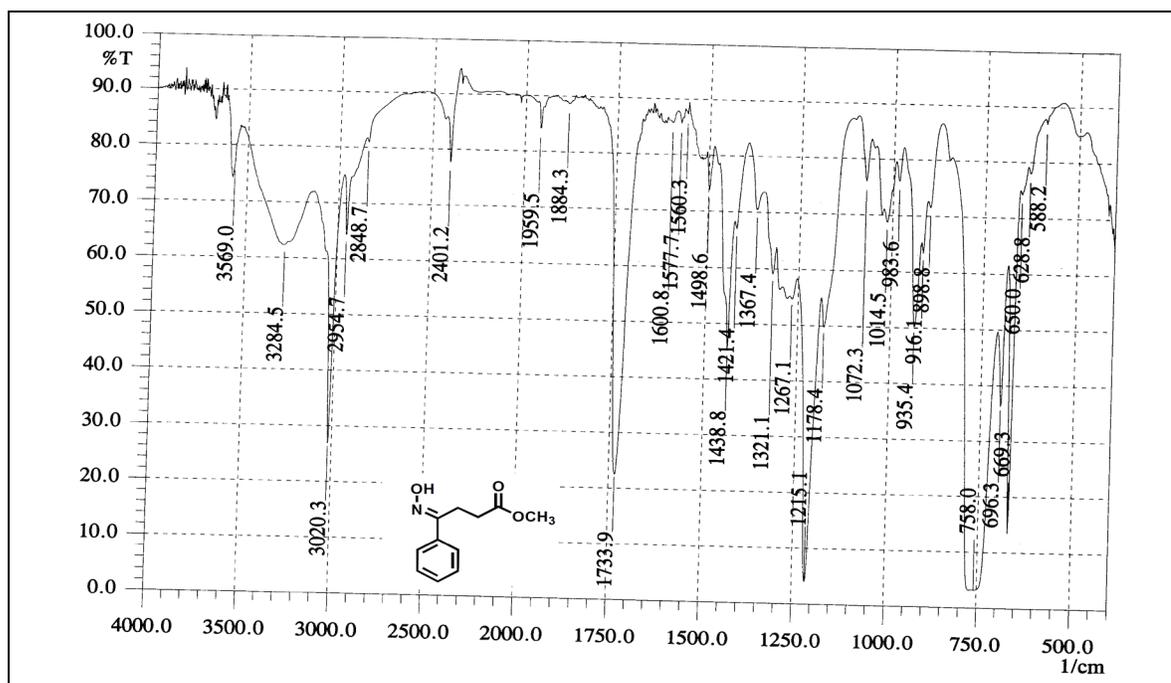
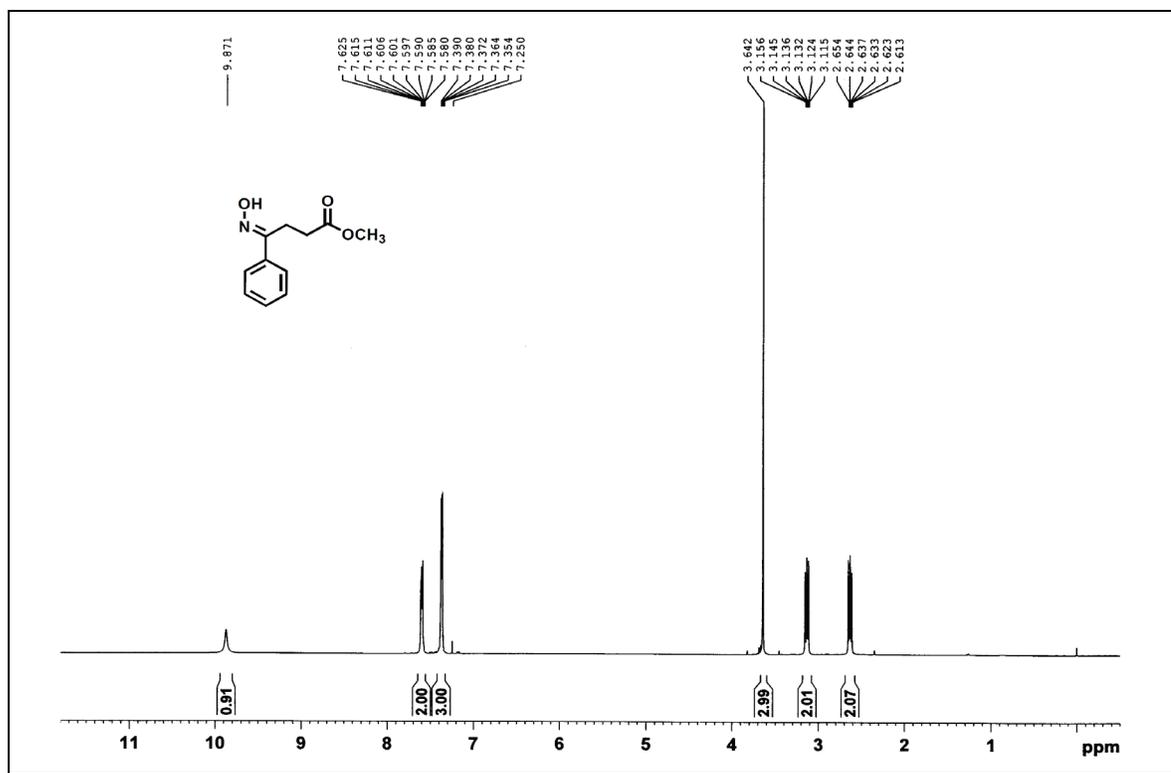
<sup>1</sup>H NMR of 54

**$^{13}\text{C}$  NMR of 54****MASS of 54****HPLC of 54**

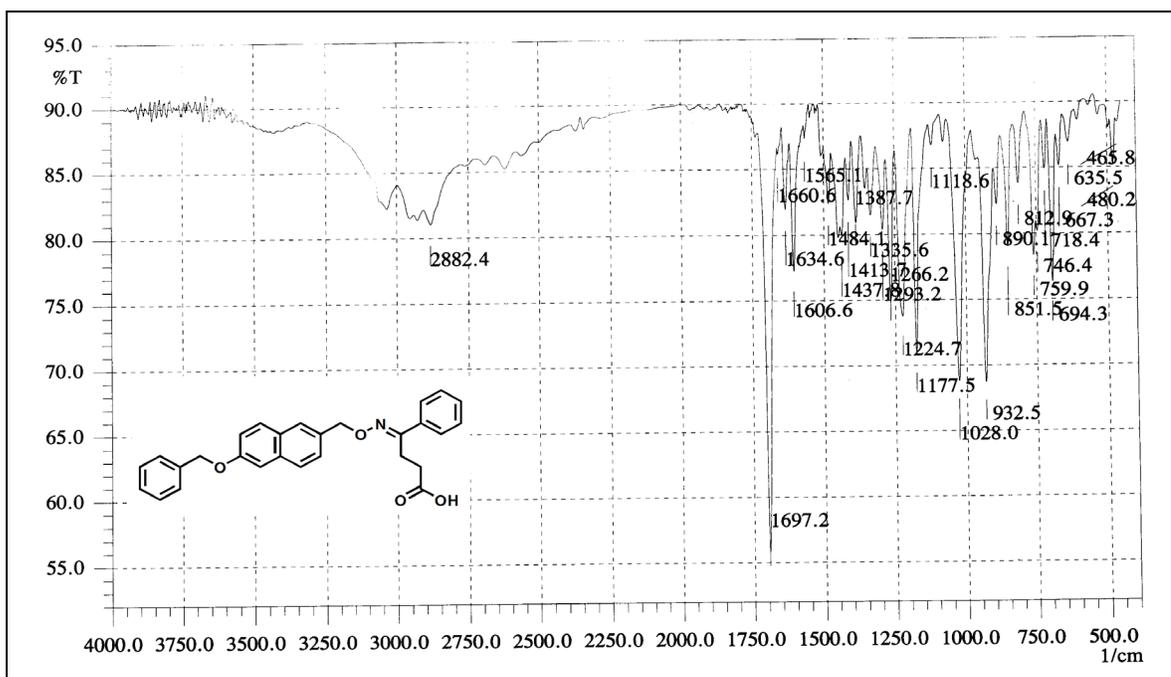
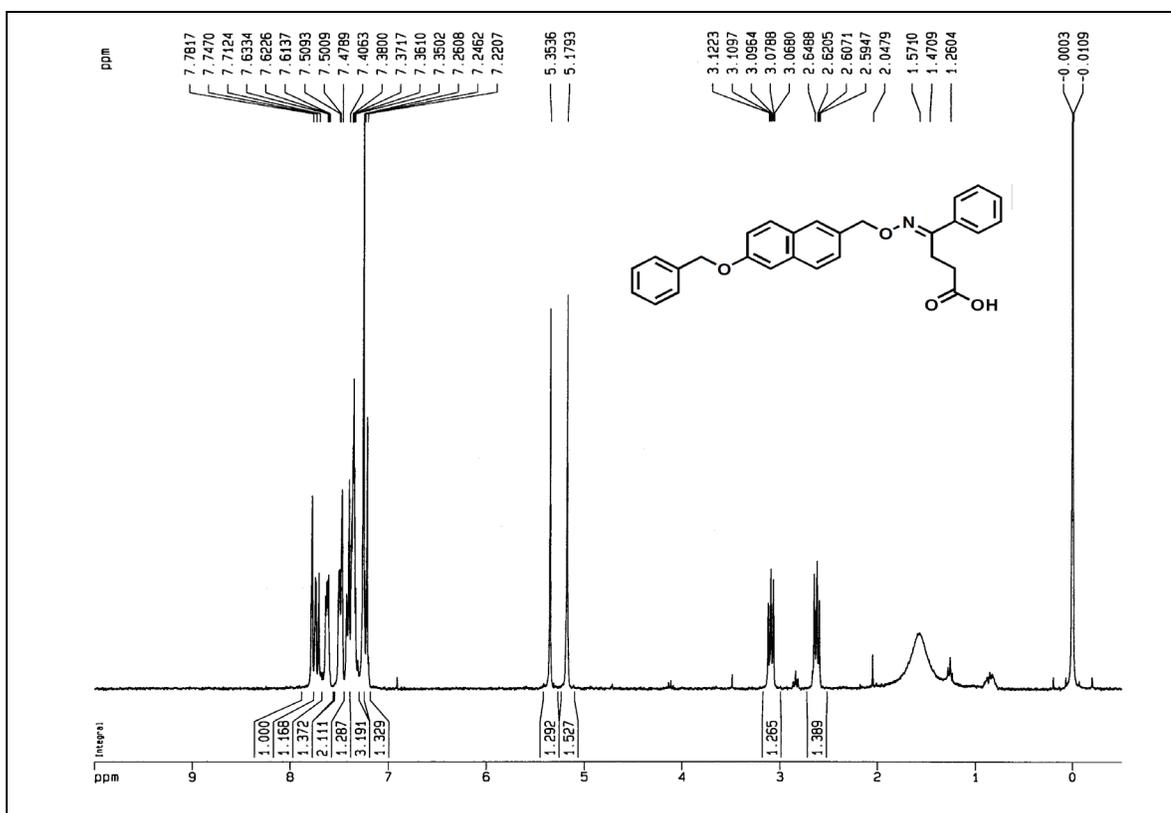
## IR of 55

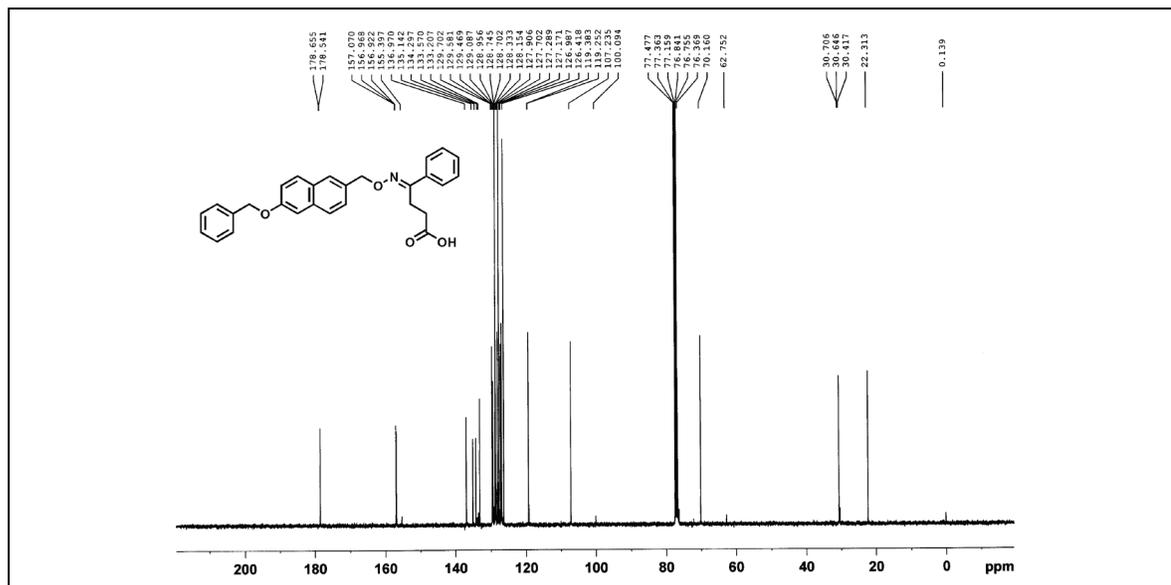
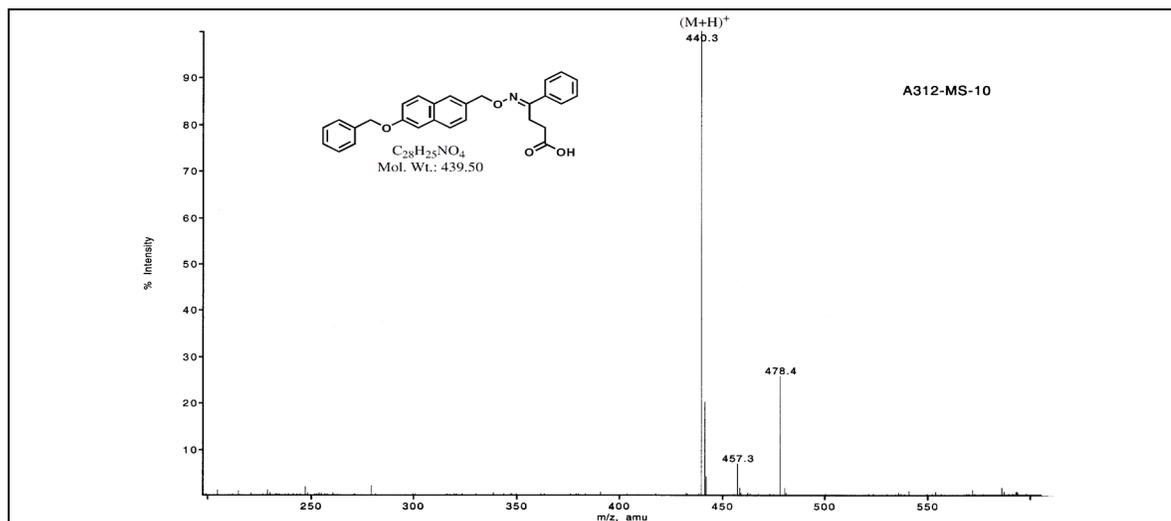
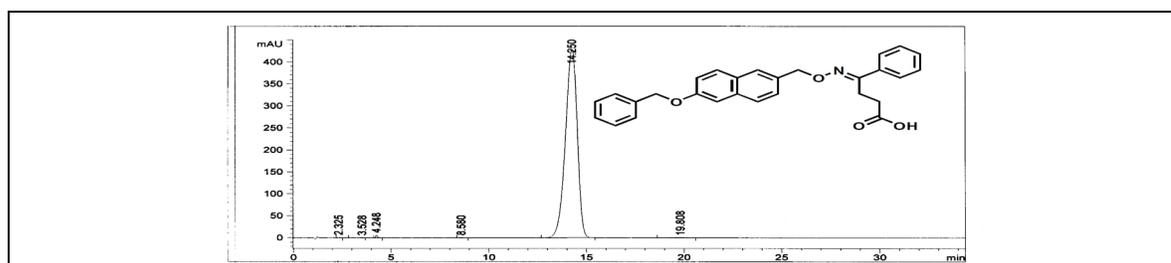
 $^1\text{H}$  NMR of 55

## IR of 60

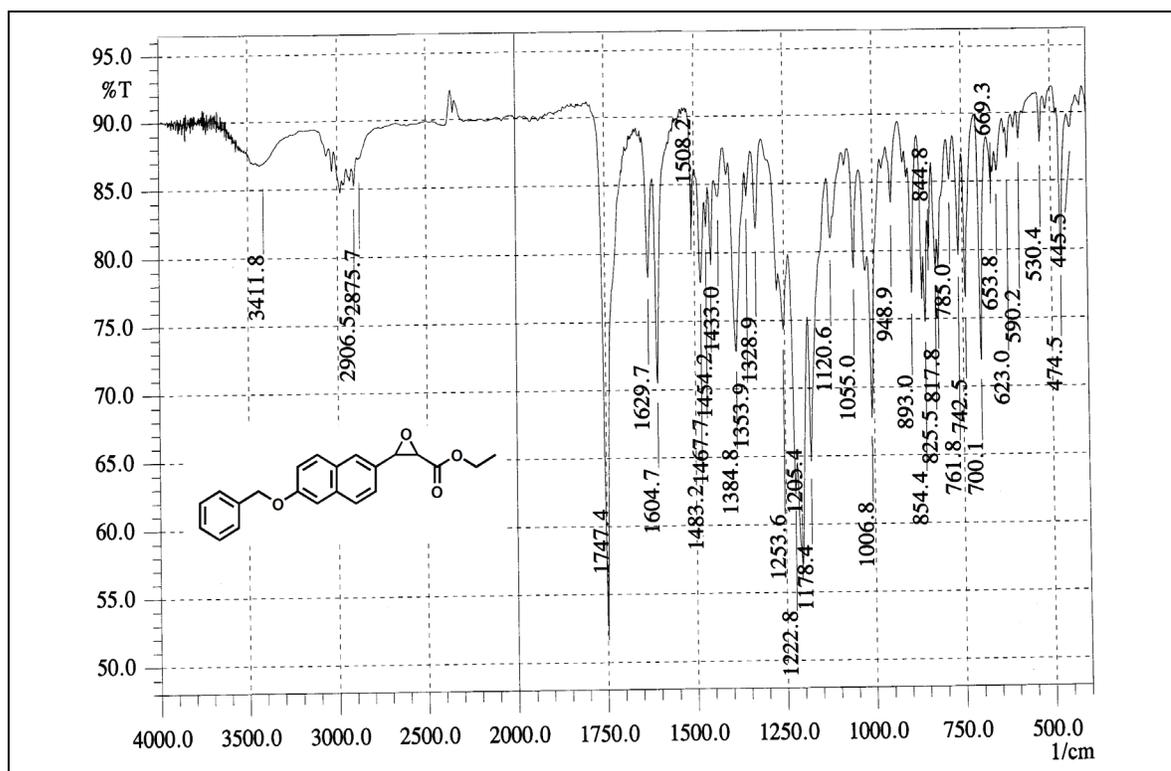
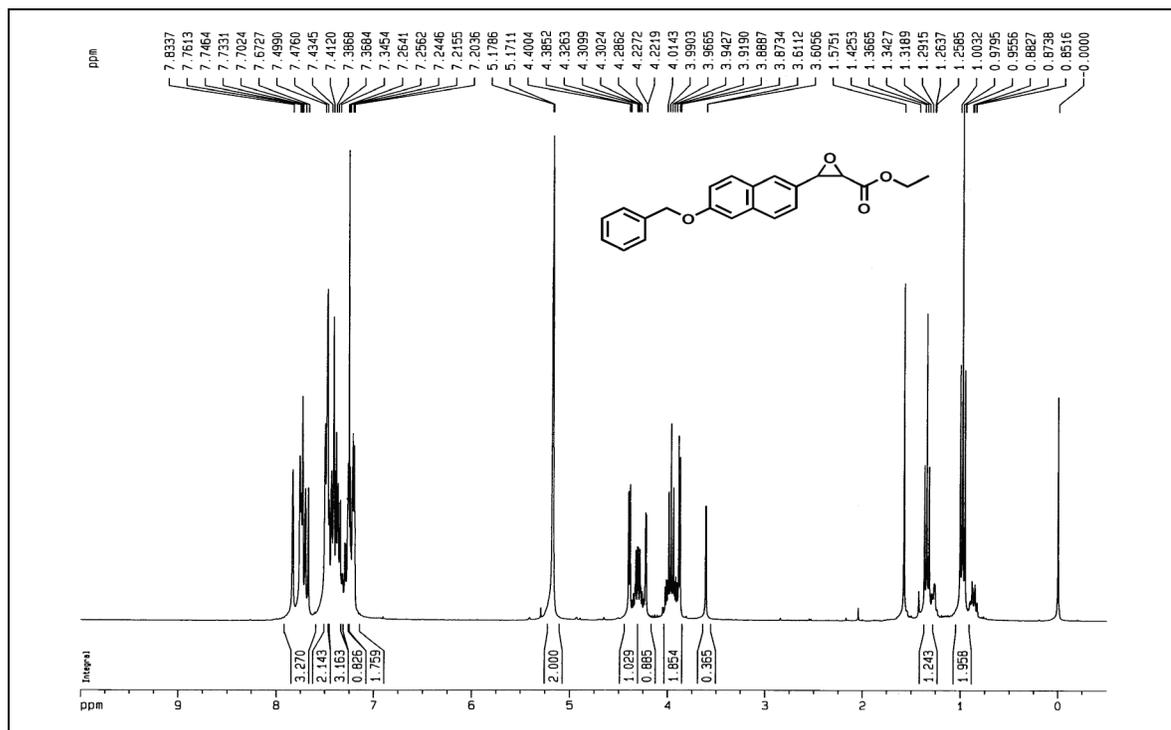
<sup>1</sup>H NMR of 60

## IR of 66a

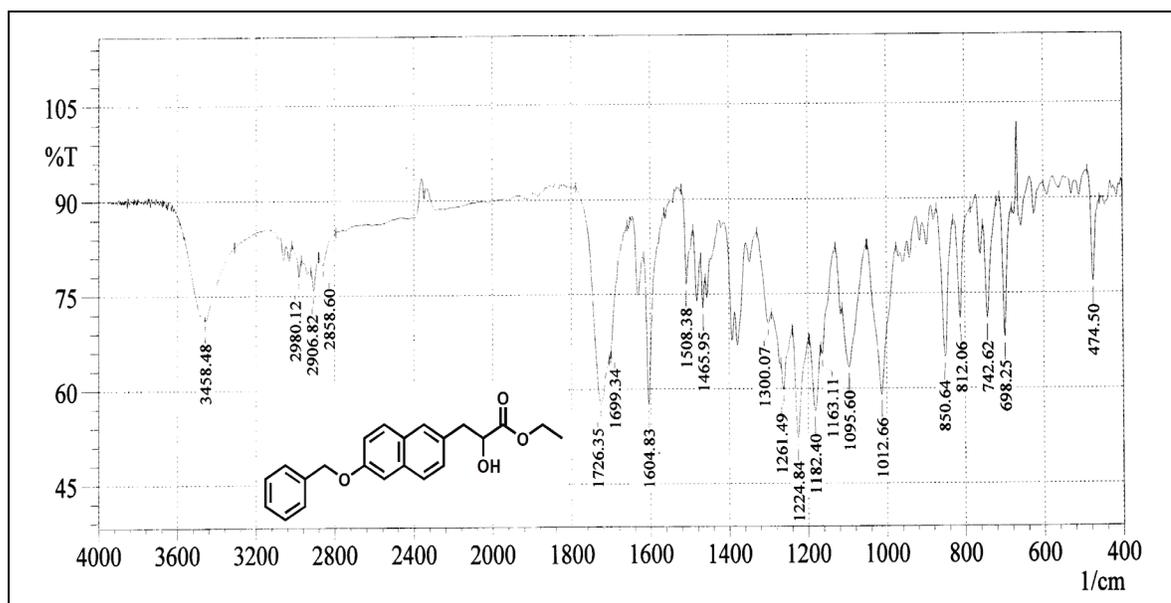
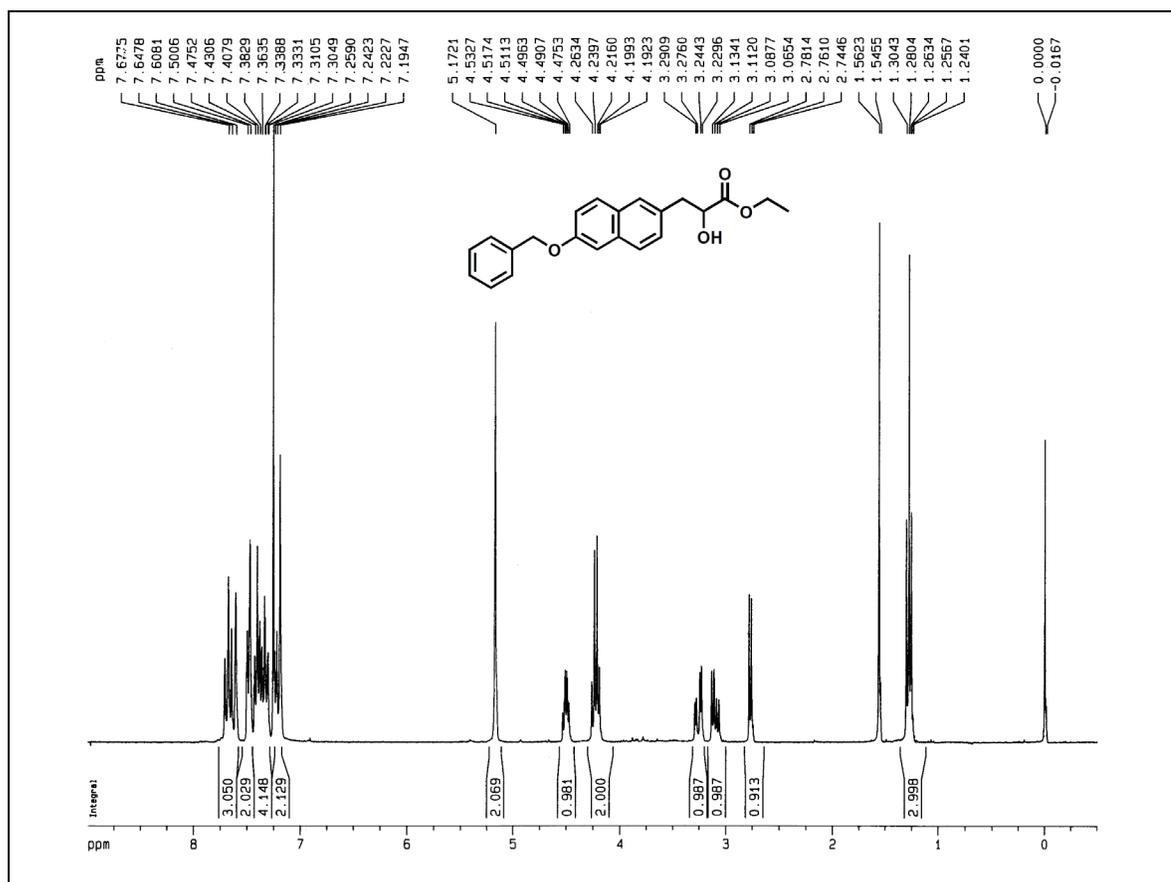
<sup>1</sup>H NMR of 66a

**$^{13}\text{C}$  NMR of 66a****MASS of 66a****HPLC of 66a**

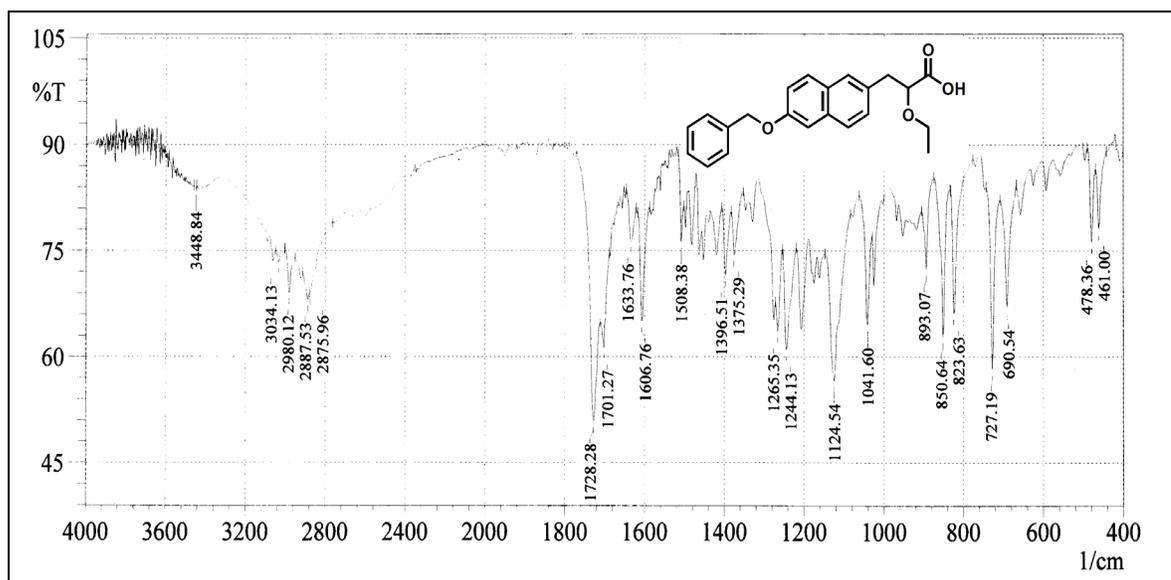
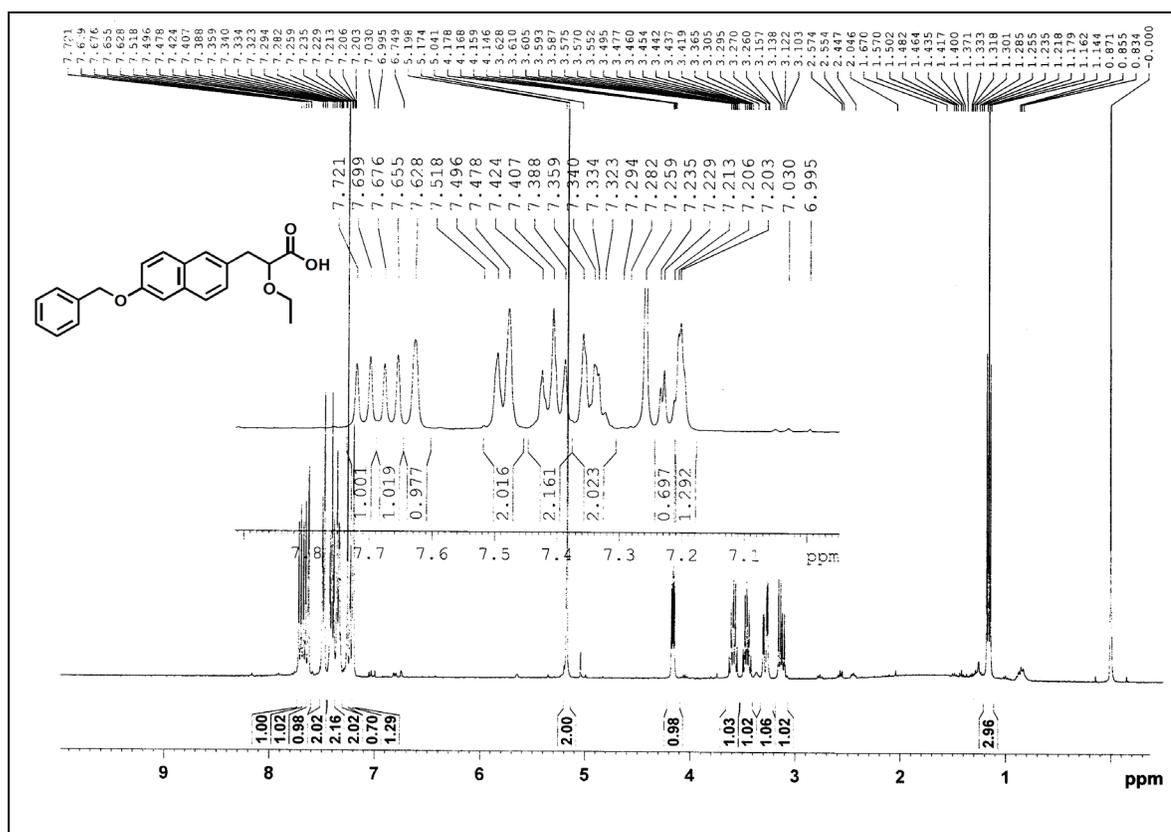
## IR of 67

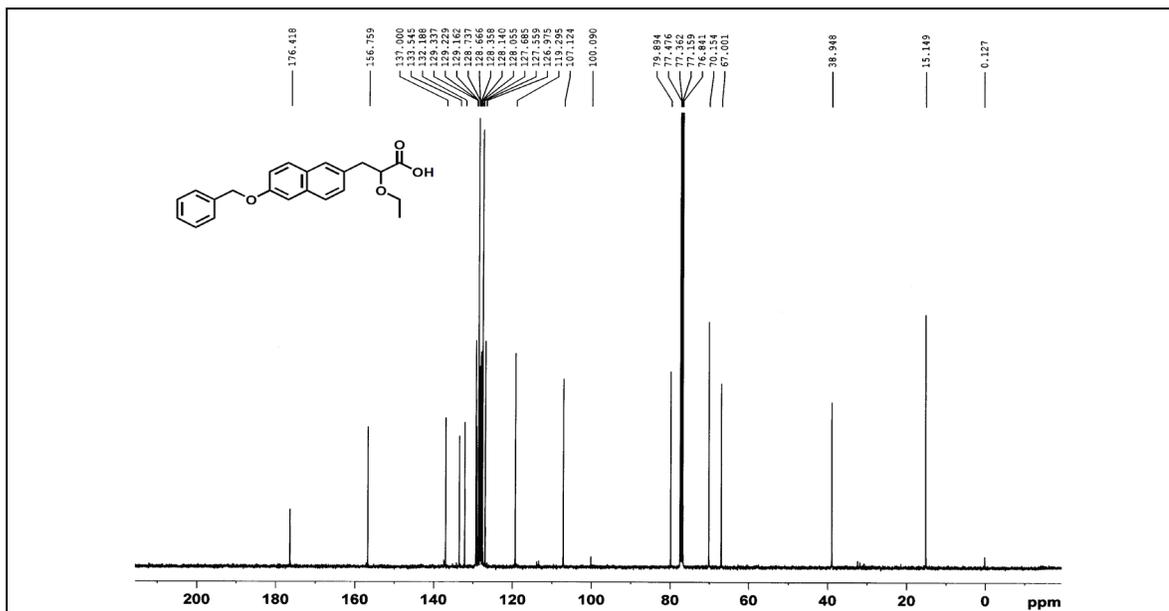
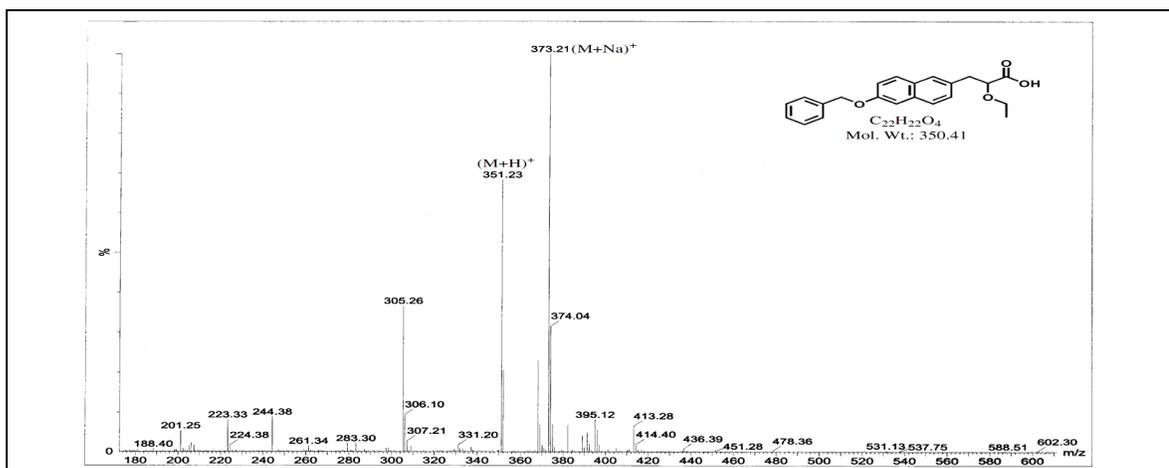
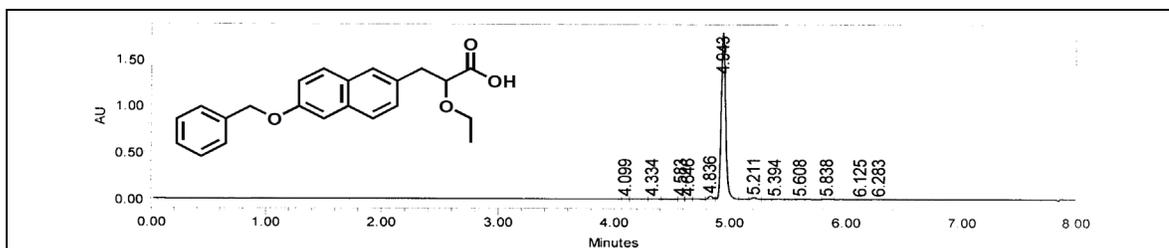
<sup>1</sup>H NMR of 67

## IR of 68

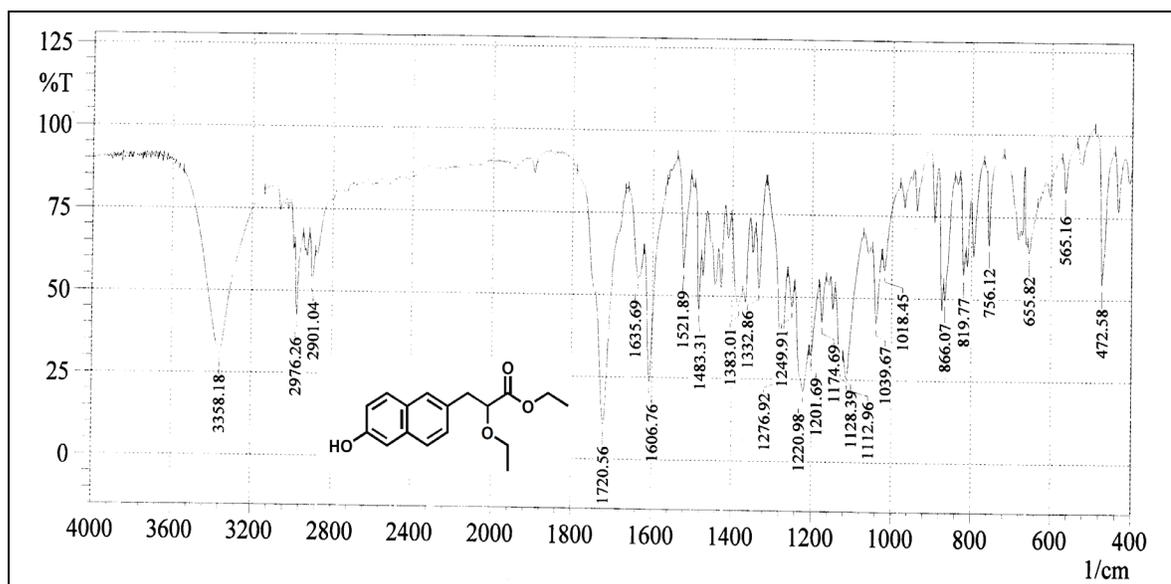
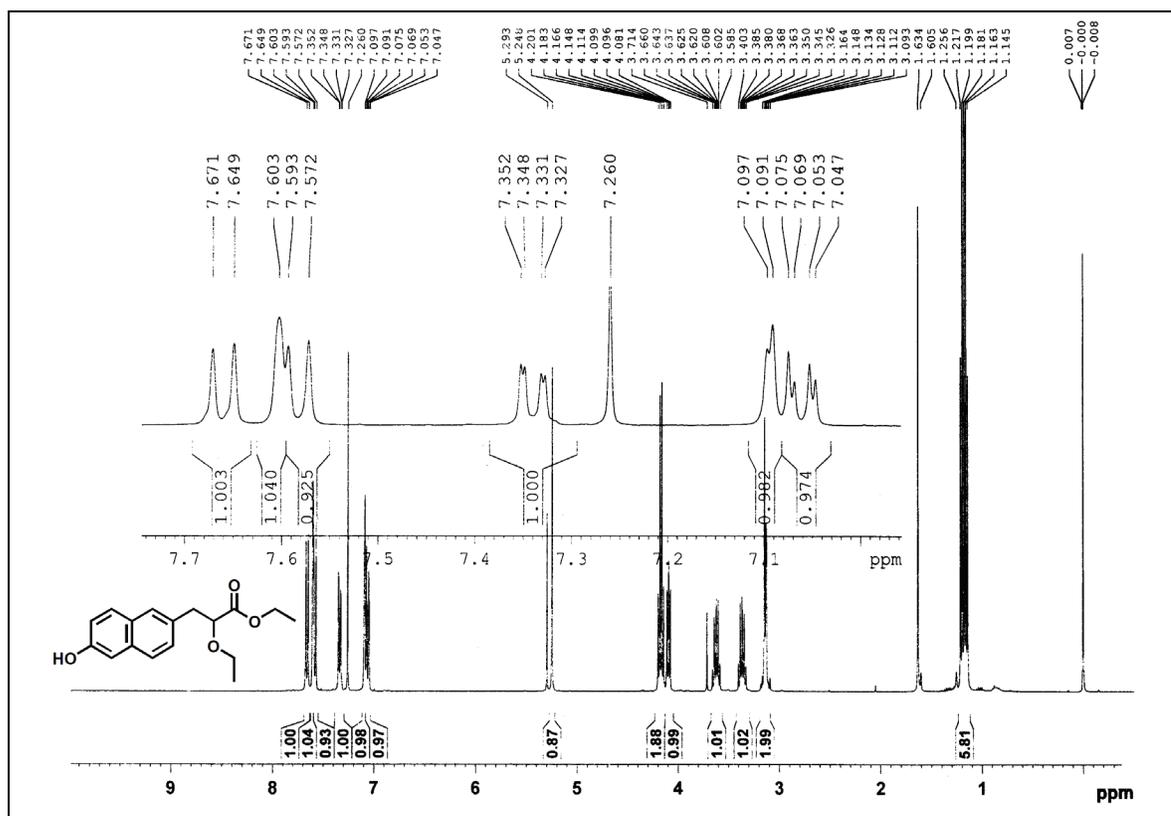
 $^1\text{H}$  NMR of 68

## IR of 70

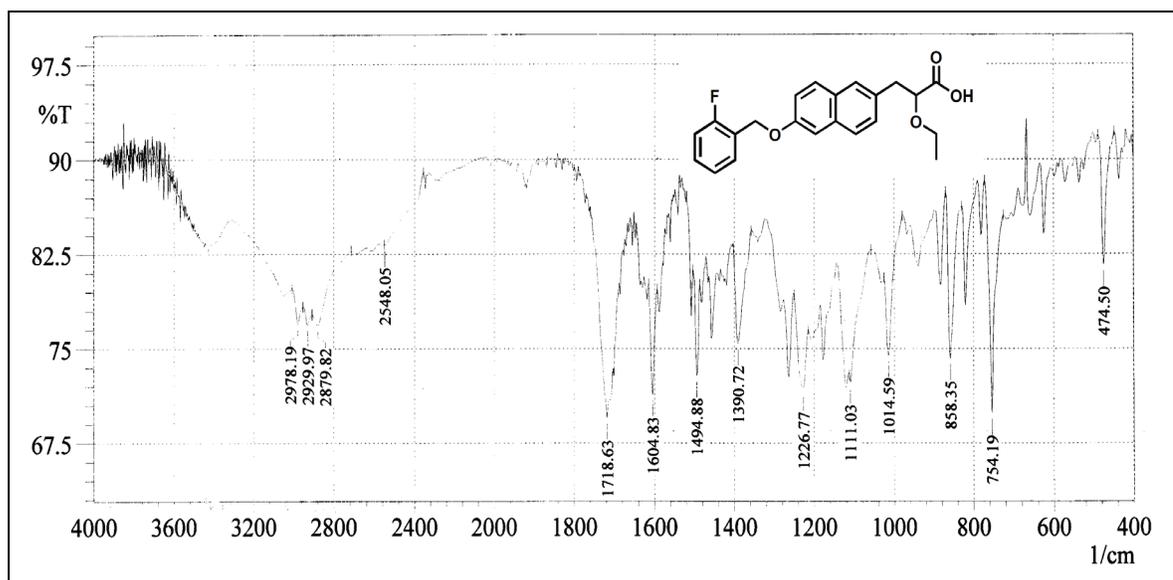
 $^1\text{H}$  NMR of 70

**$^{13}\text{C}$  NMR of 70****MASS of 70****HPLC of 70**

## IR of 71

 $^1\text{H}$  NMR of 71

## IR of 73

<sup>1</sup>H NMR of 73