

# **Copper-catalyzed aromatic C–H alkoxylation with alcohols under aerobic conditions**

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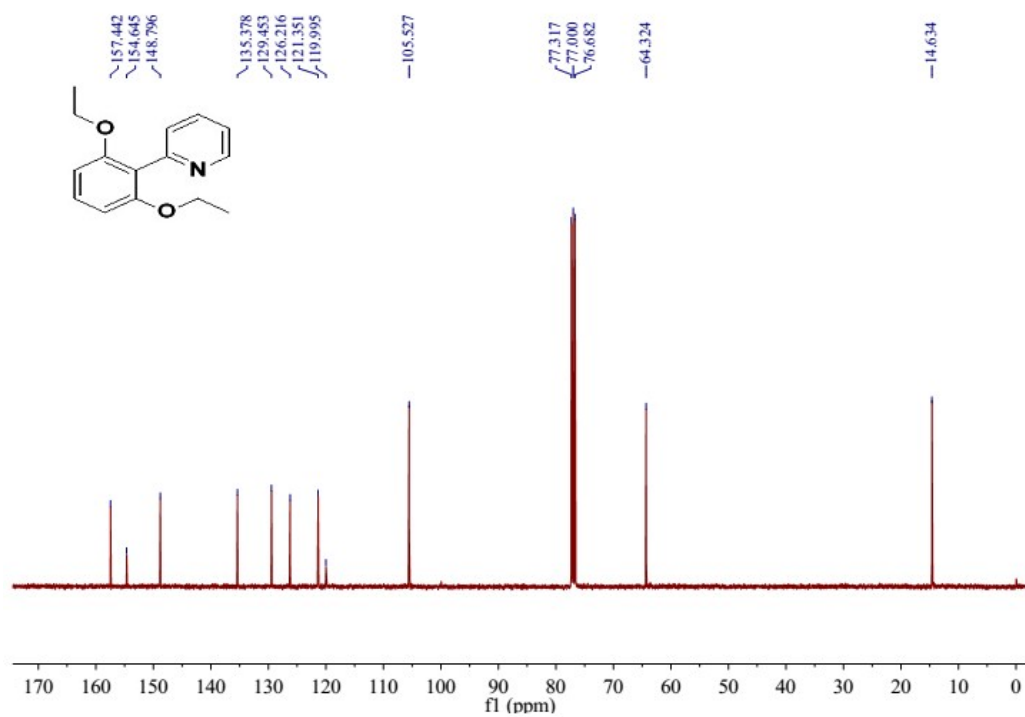
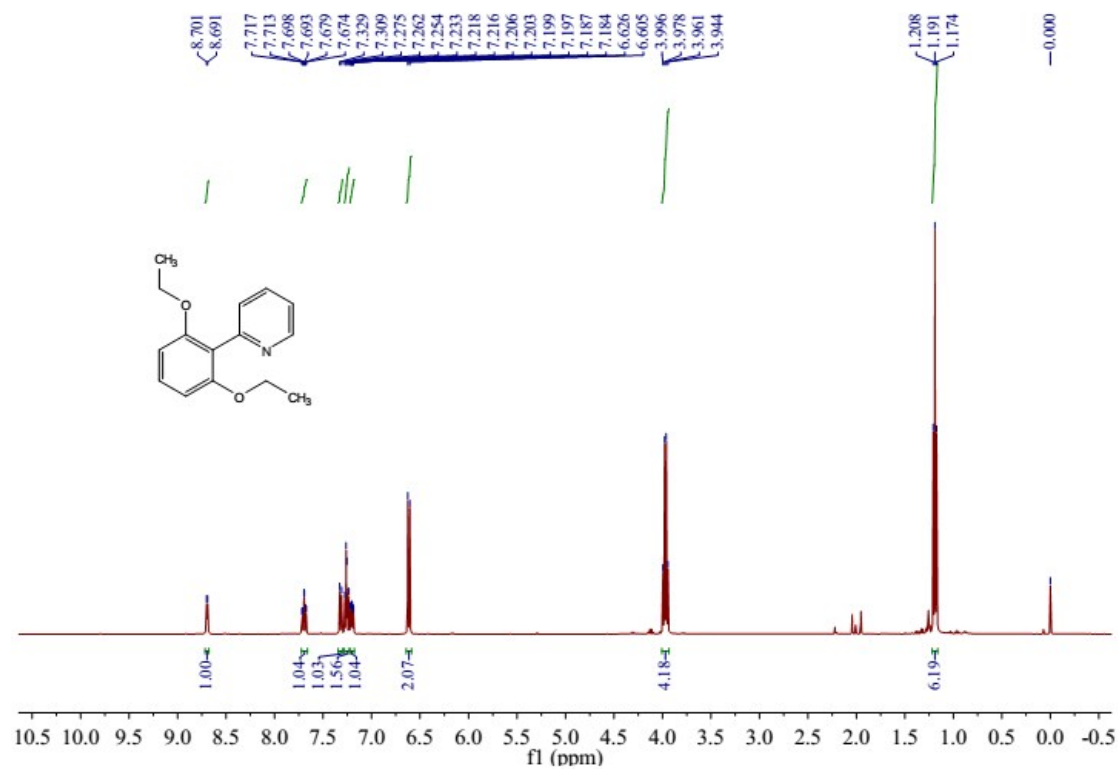
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*E-mail: [shenzengming@sjtu.edu.cn](mailto:shenzengming@sjtu.edu.cn)*

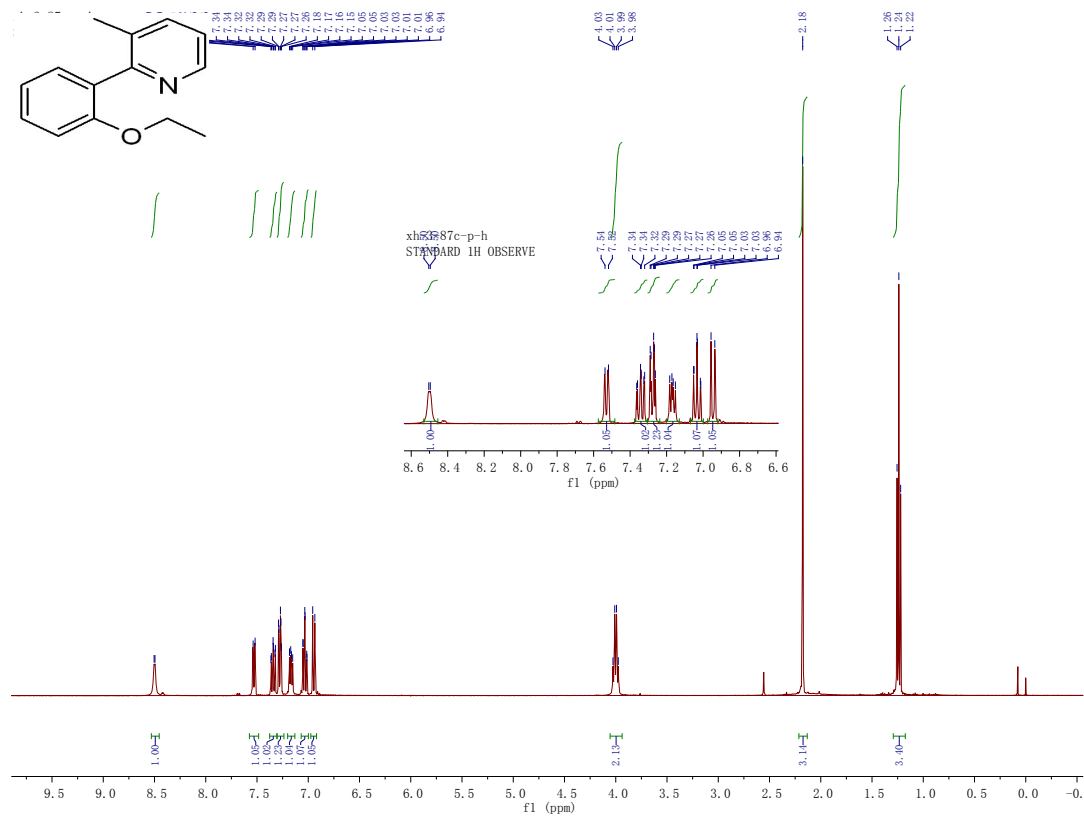
## **Supporting Information**

## Copies of $^1\text{H}$ NMR and $^{13}\text{C}$ NMR of new compounds

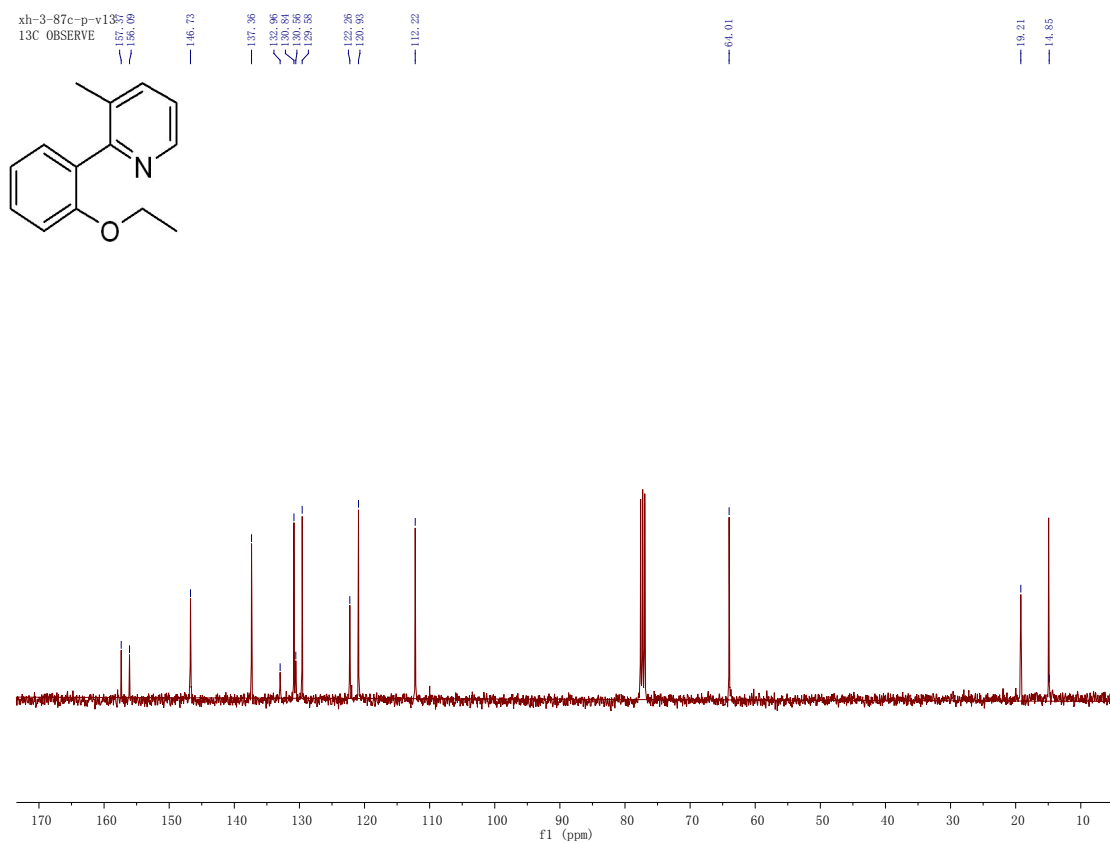
### Compound 3a



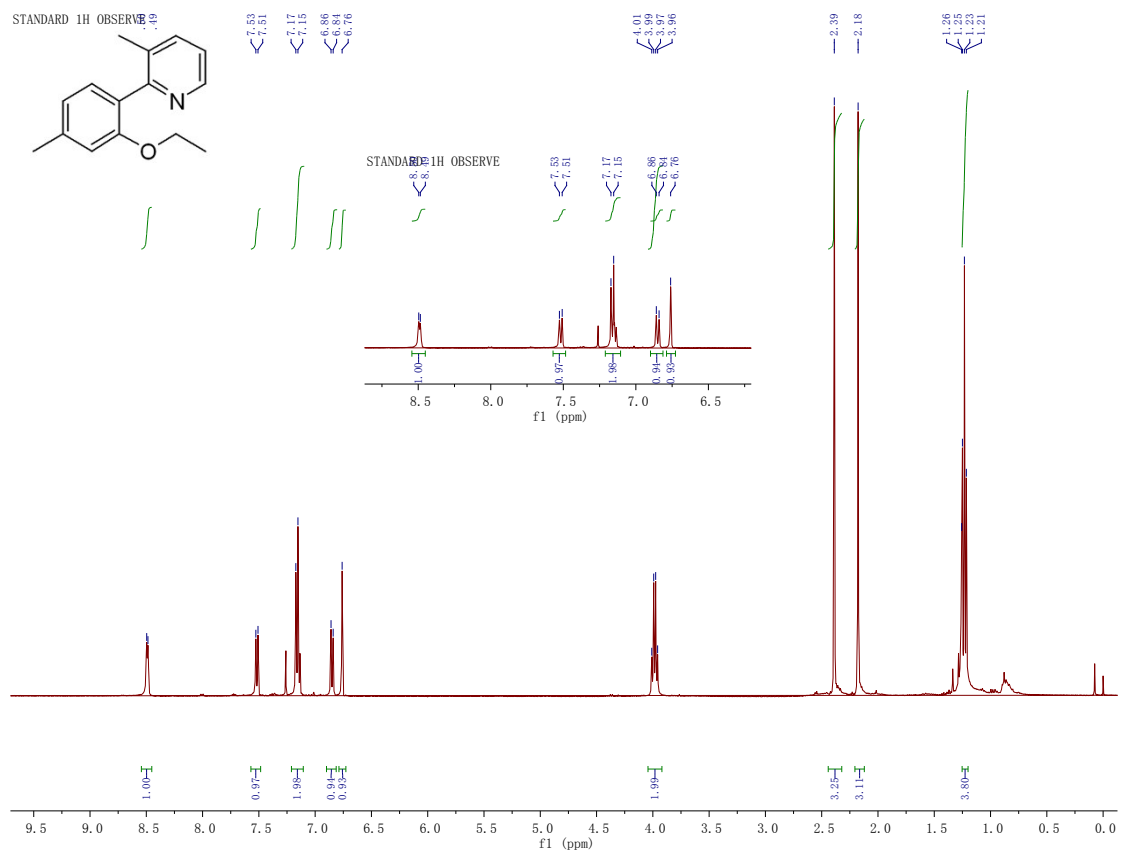
## Compound 5a



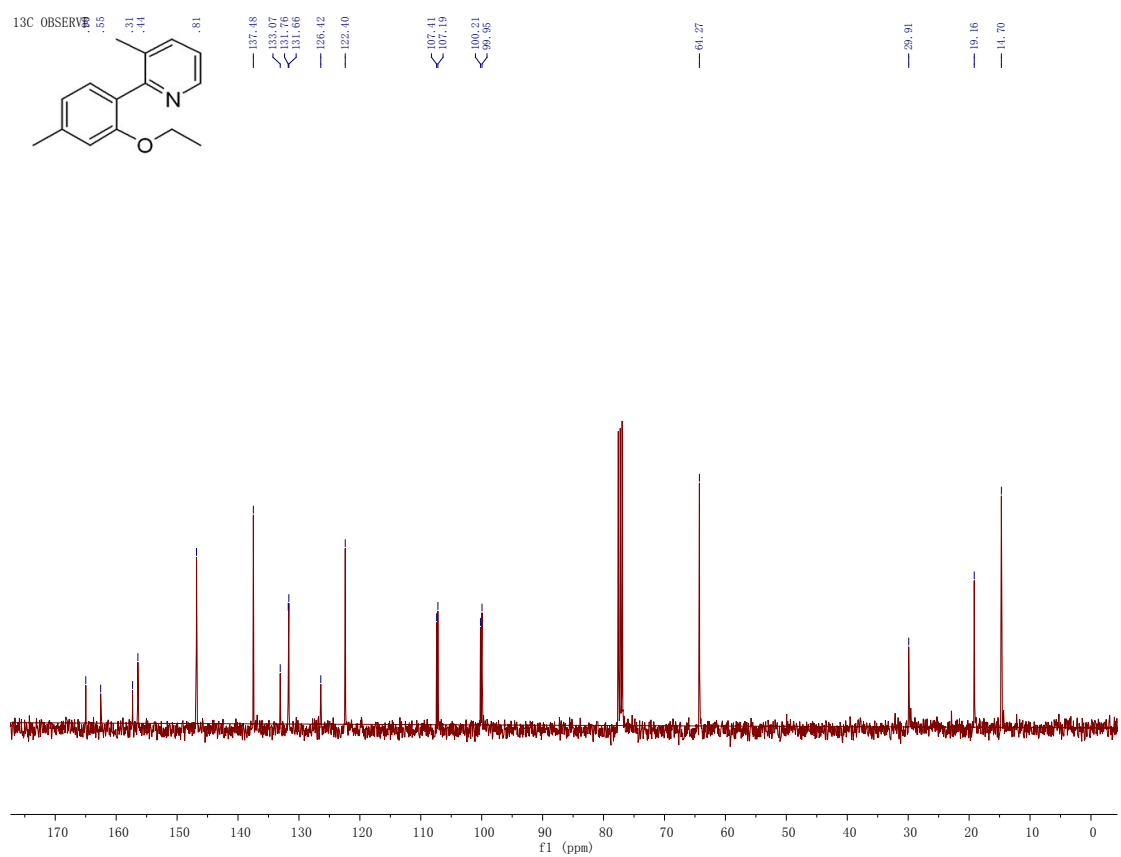
## Compound 5a



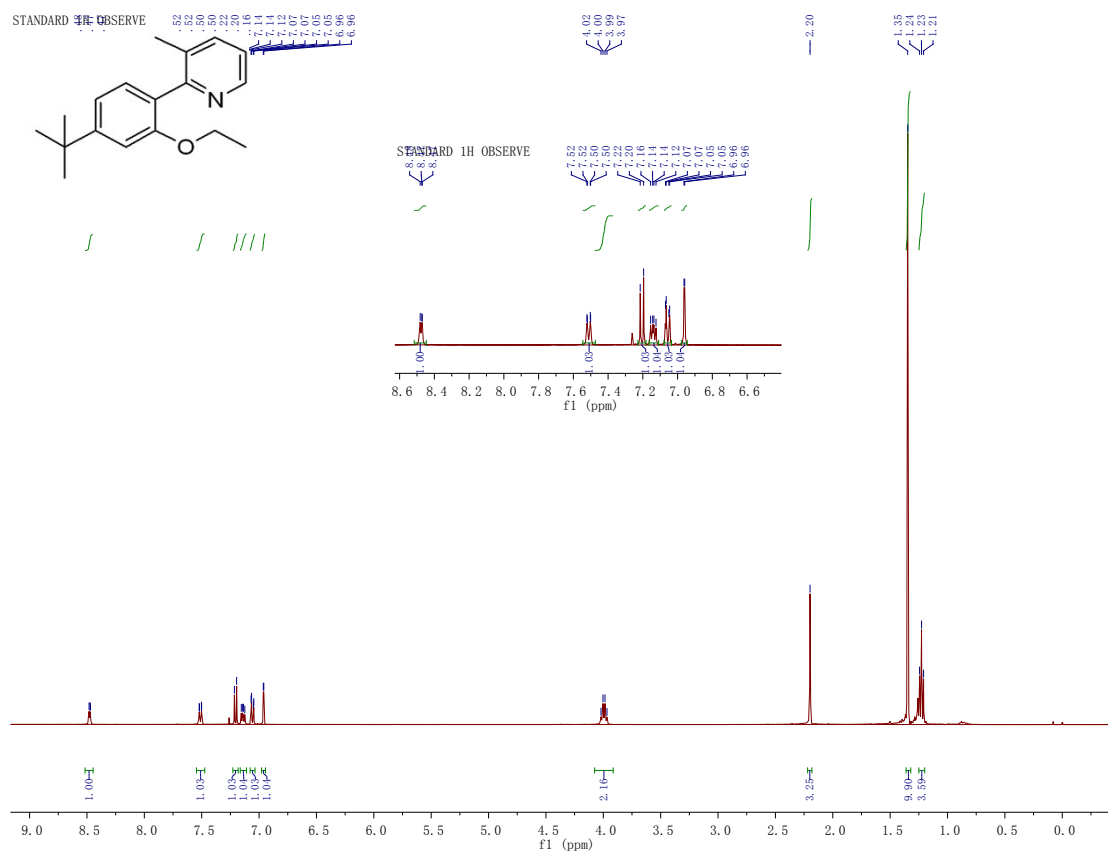
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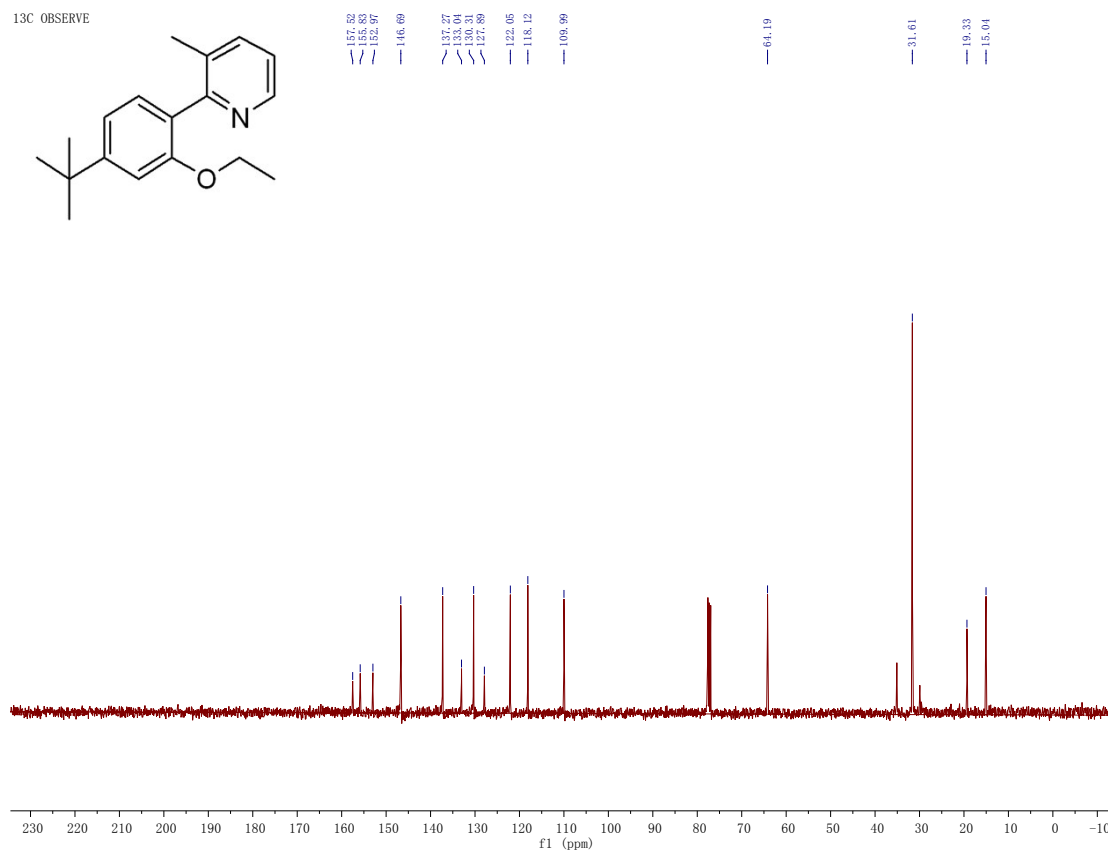
## Compound 5b



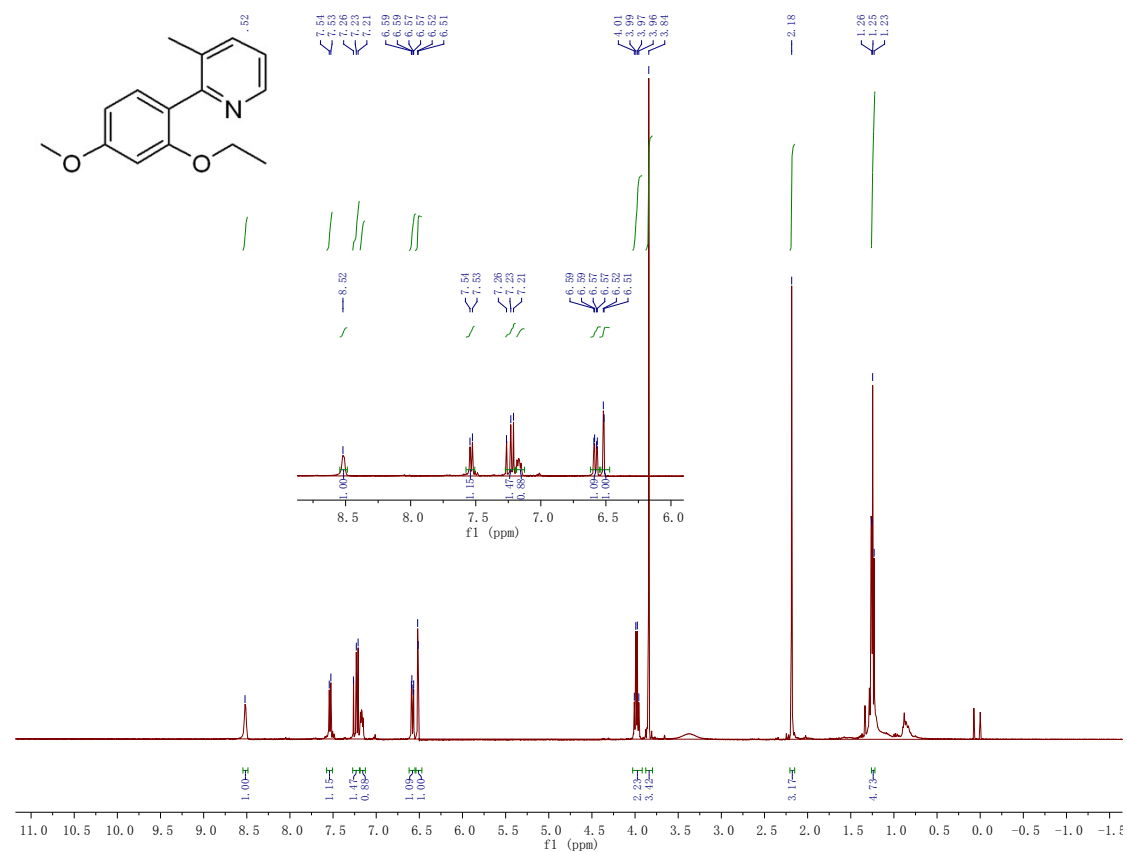
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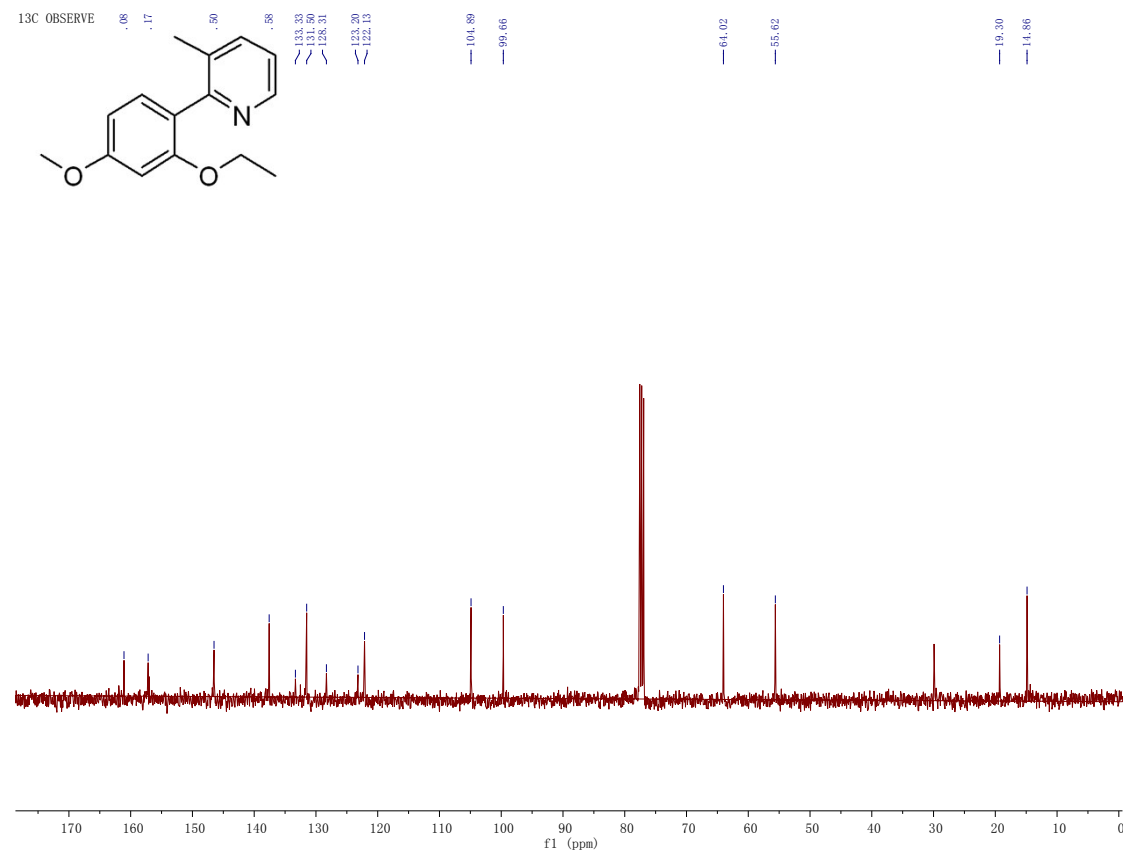
## Compound 5c



### Compound 5d

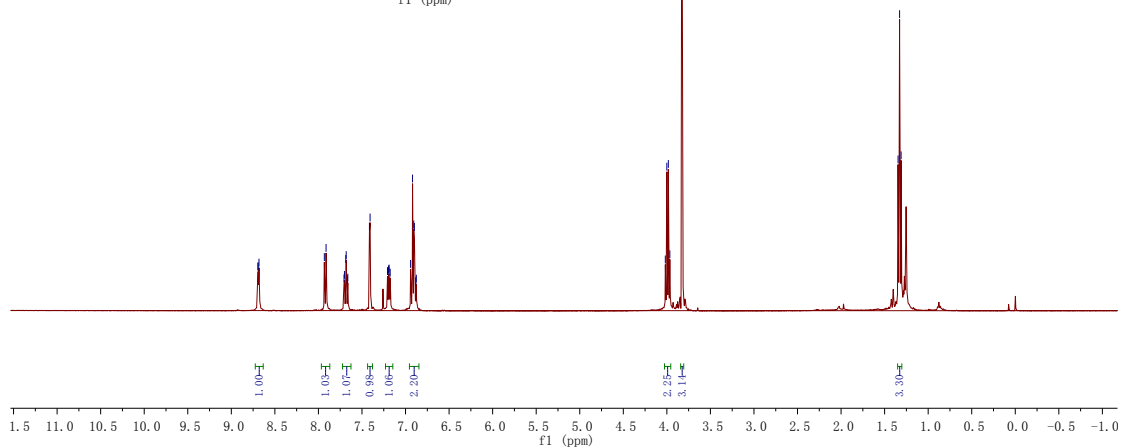
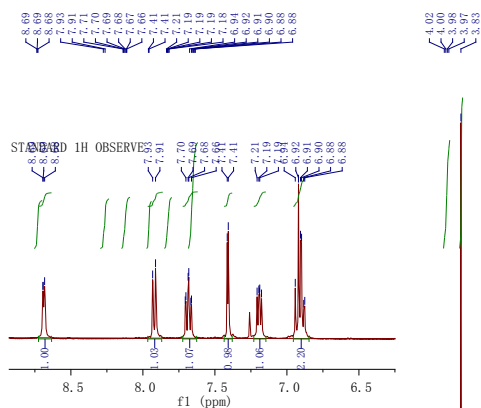
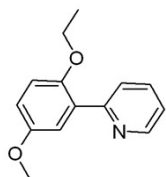


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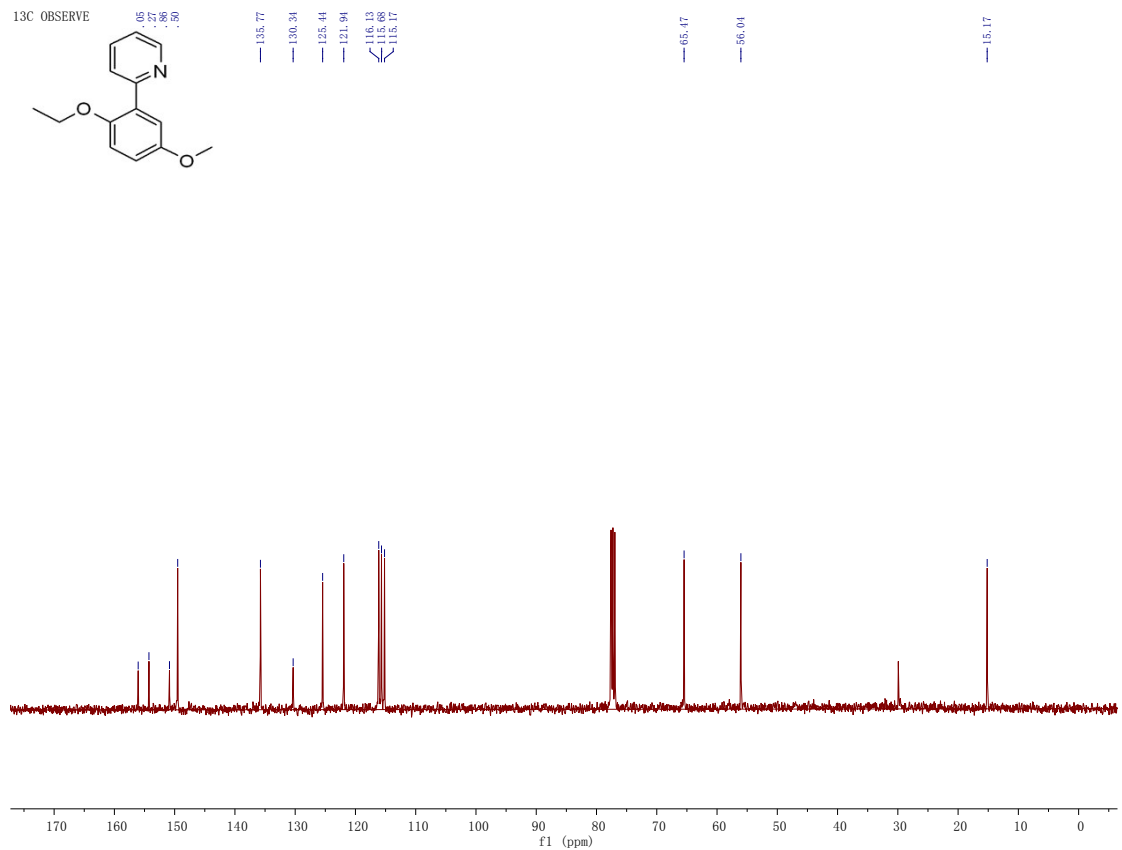
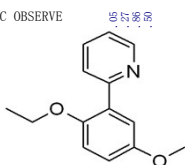
## Compound 5e

STANDARD 1H OBSERVE

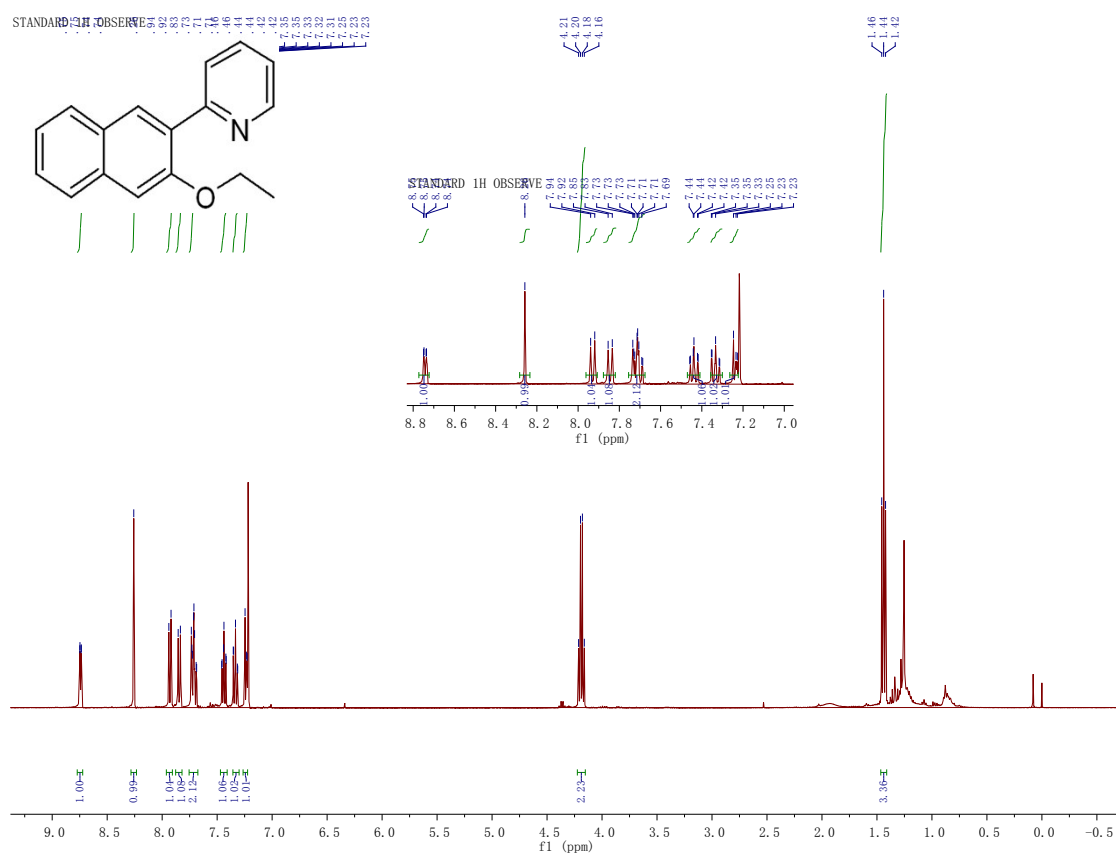


## Compound 5e

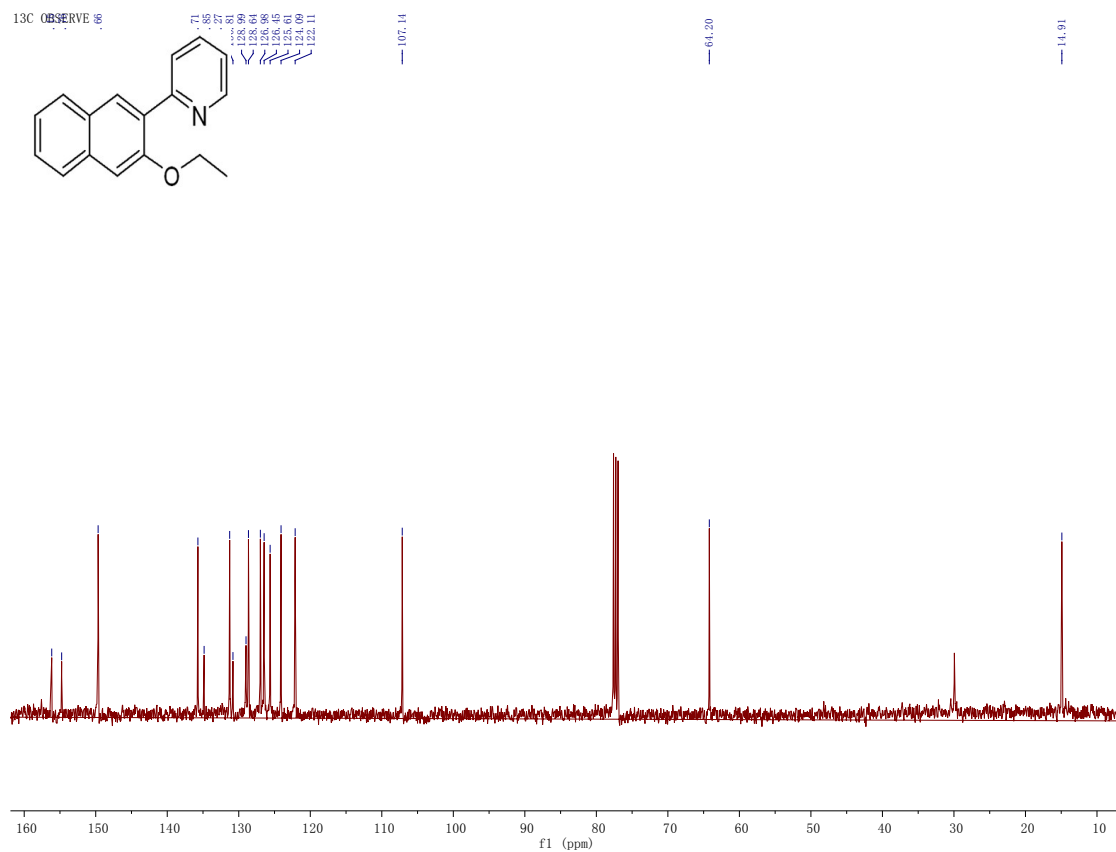
13C OBSERVE



### Compound 5f

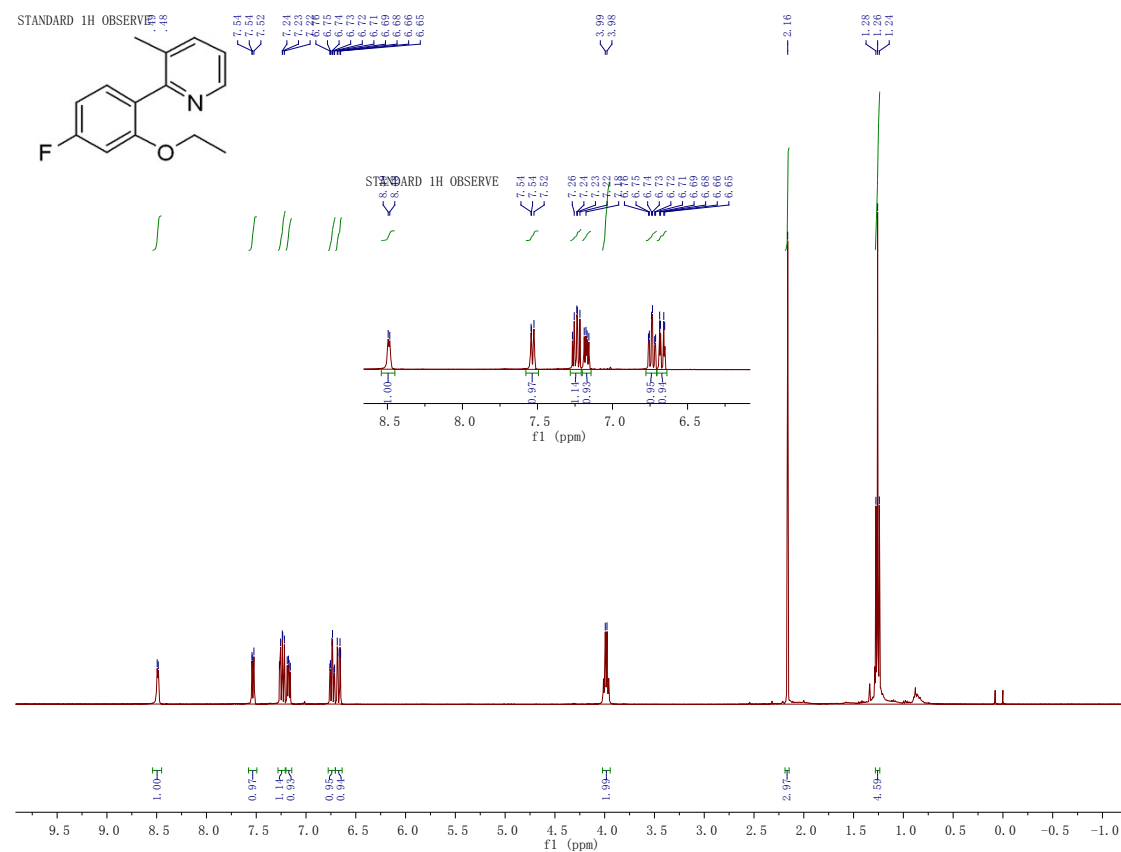


### Compound 5f

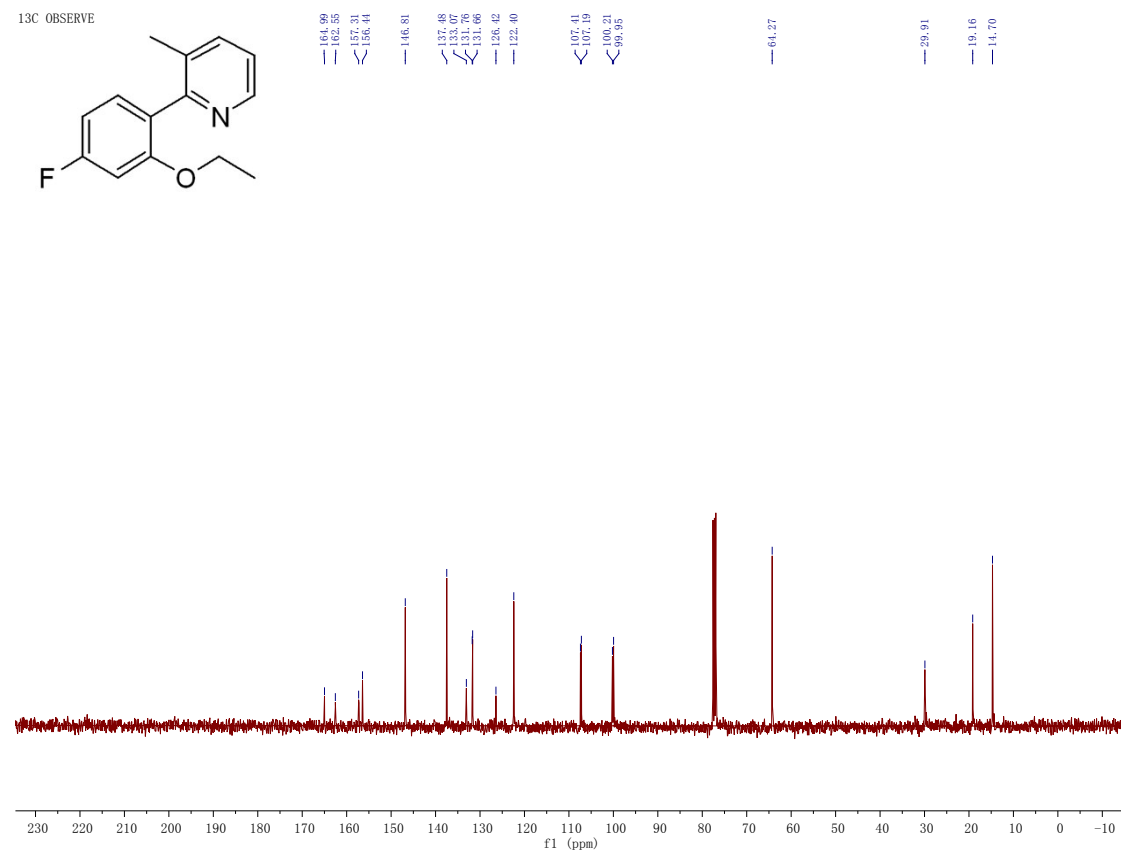




## Compound 5g



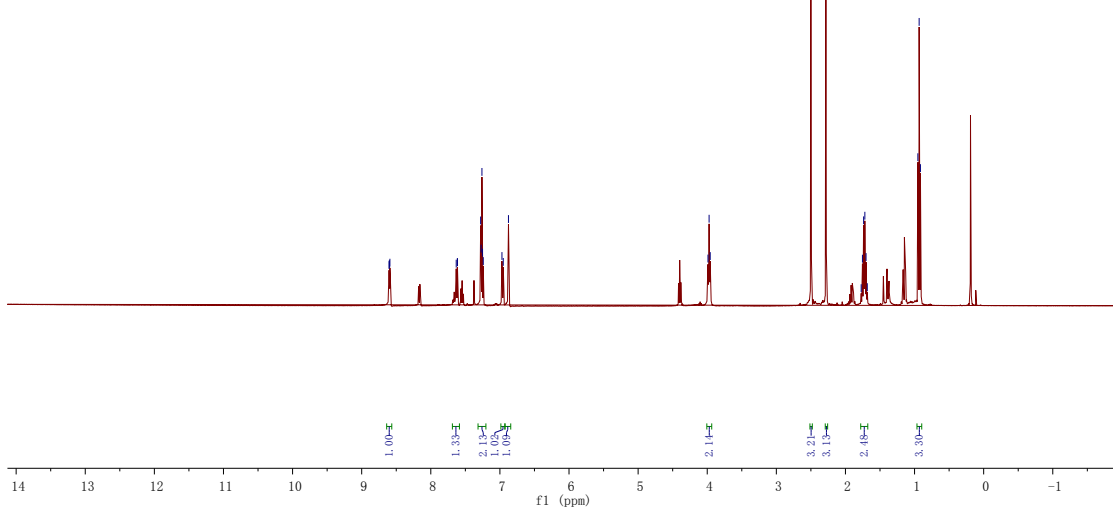
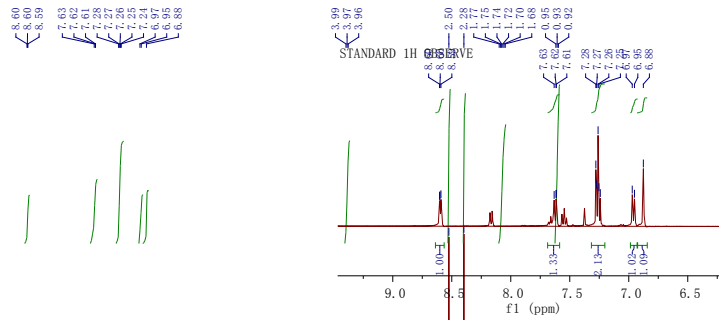
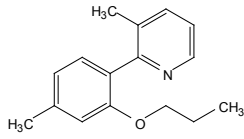
## Compound 5g





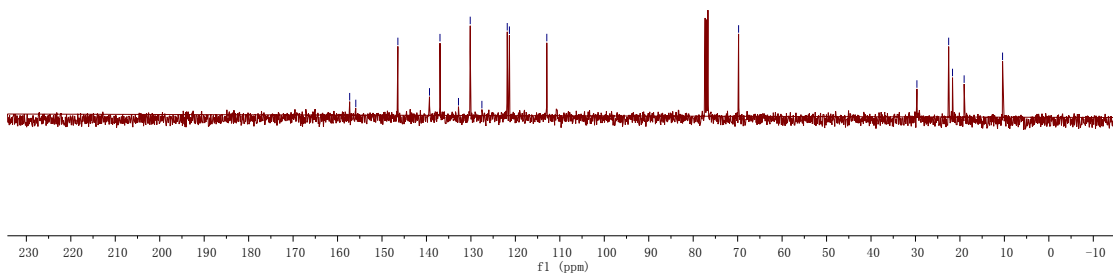
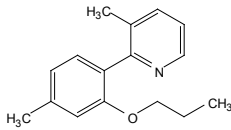
# Compound 5l

STANDARD 1H OBSERVE

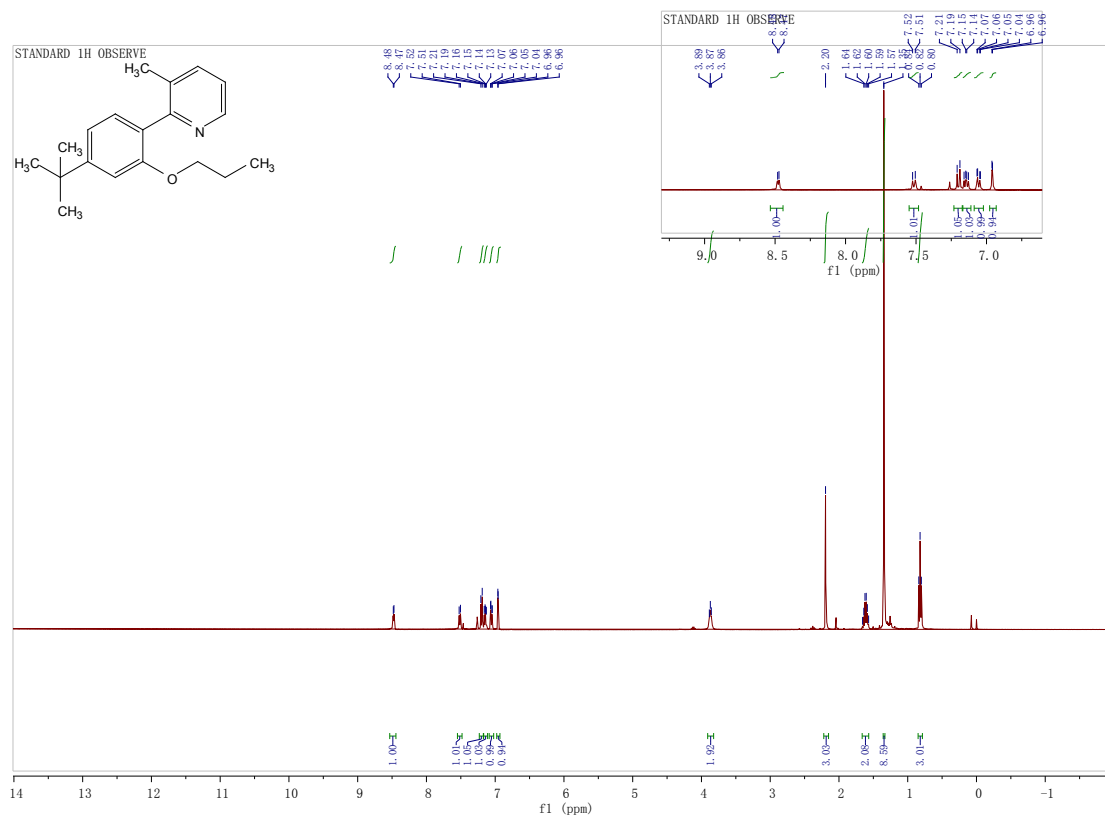


# Compound 5l

xh-4-12a-c13  
13C OBSERVE

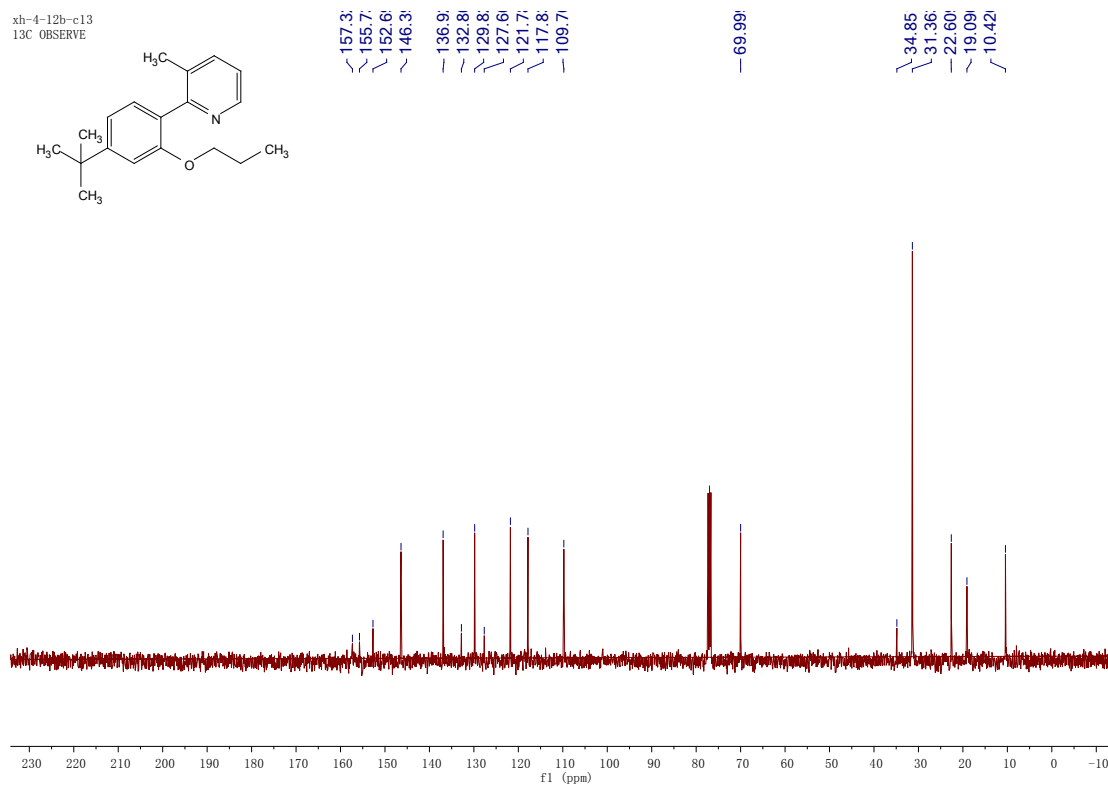


## Compound 5m

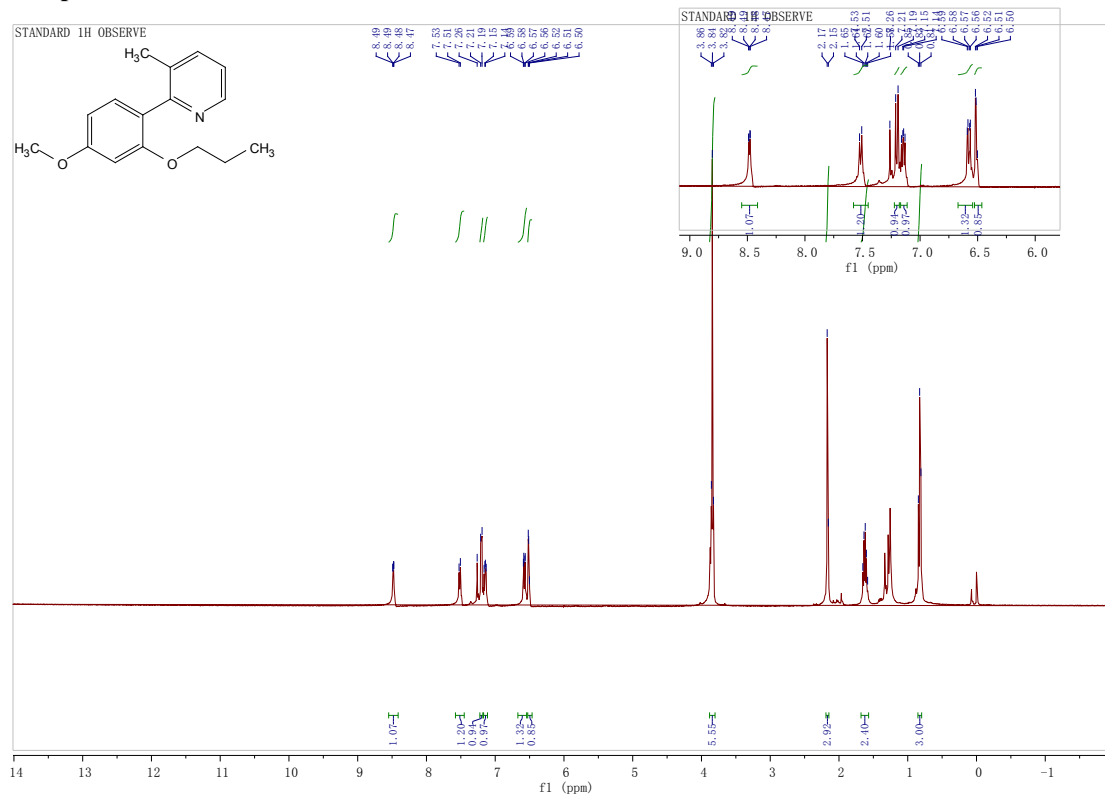


## Compound 5m

xh-4-12b-c13  
13C OBSERVE

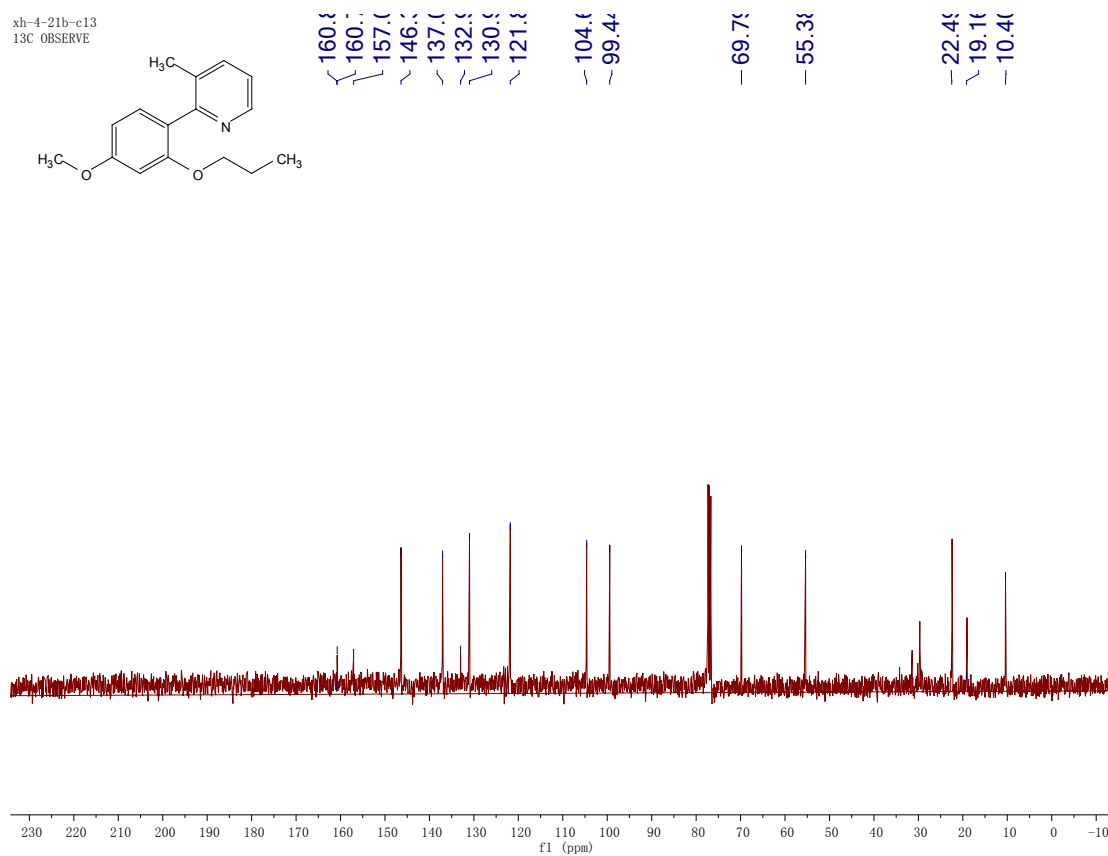


## Compound5n



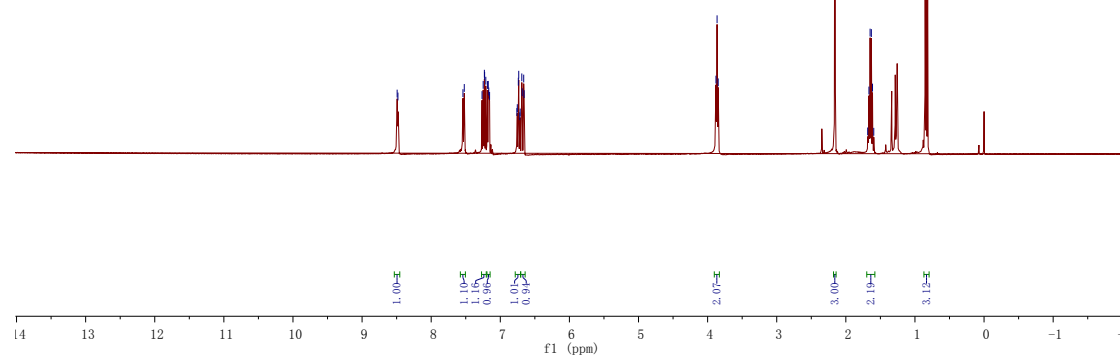
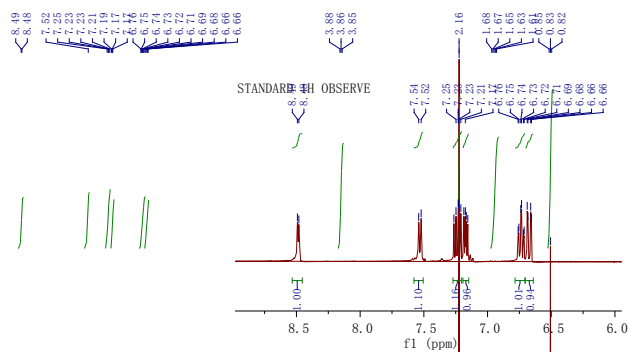
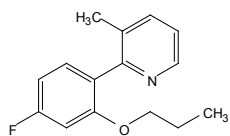
## Compound 5n

xh-4-21b-c13  
13C OBSERVE



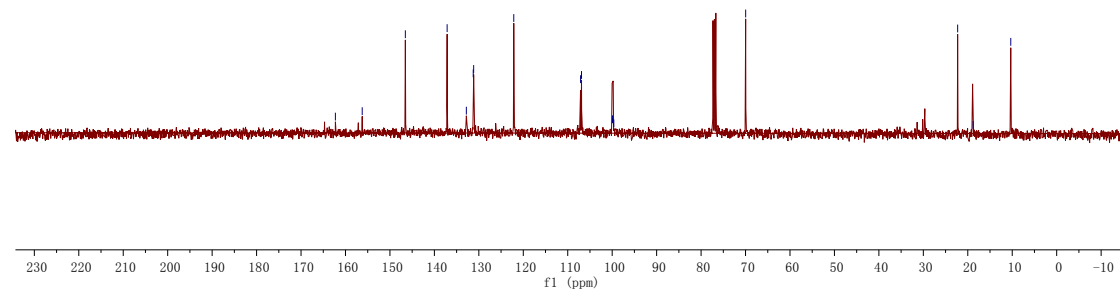
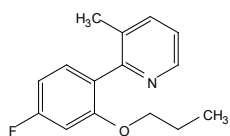
## Compound 5o

STANDARD 1H OBSERVE



## Compound 5o

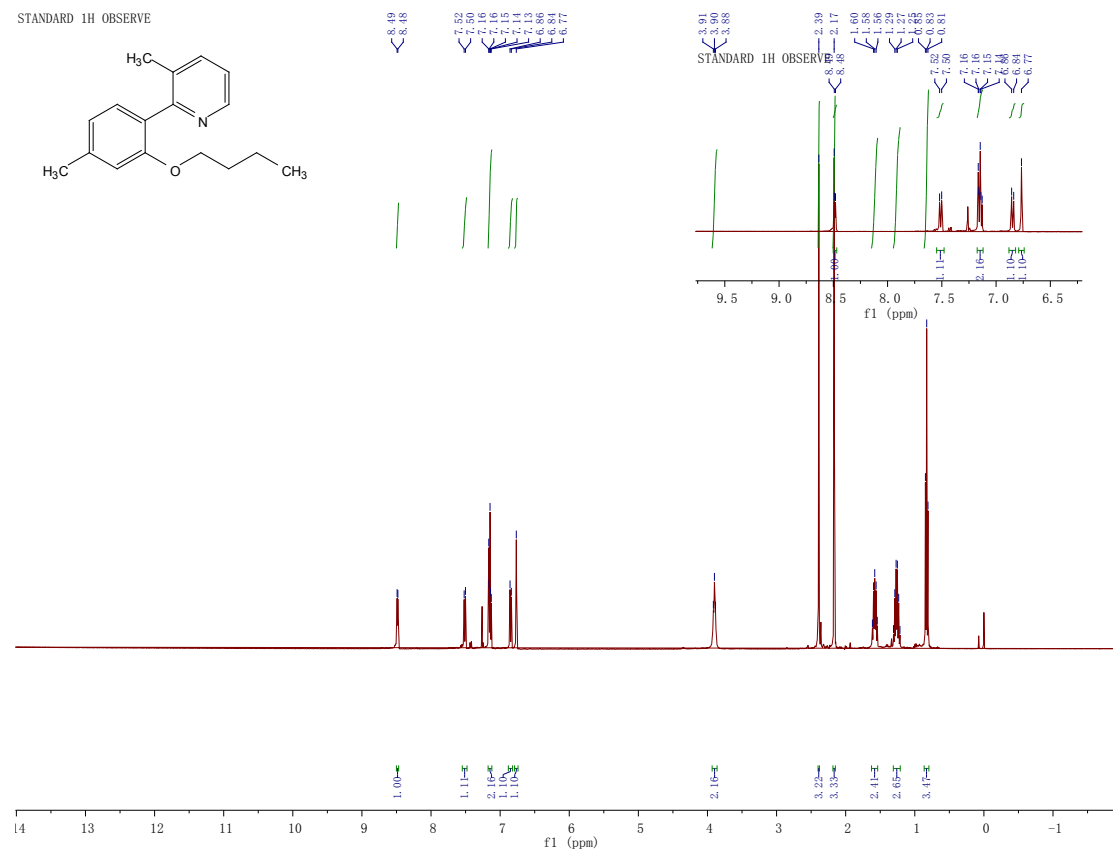
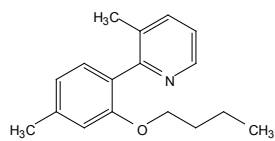
xh-4-21a-c13  
13C OBSERVE





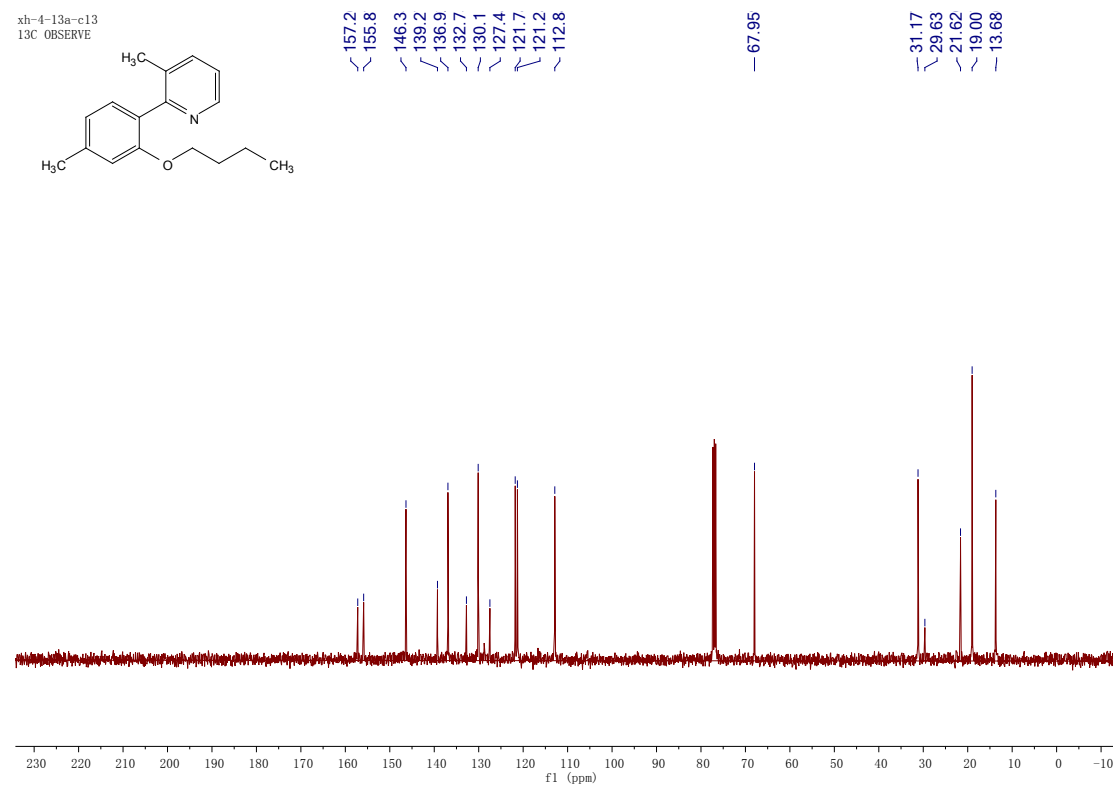
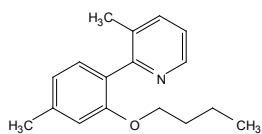
## Compound 5r

STANDARD 1H OBSERVE



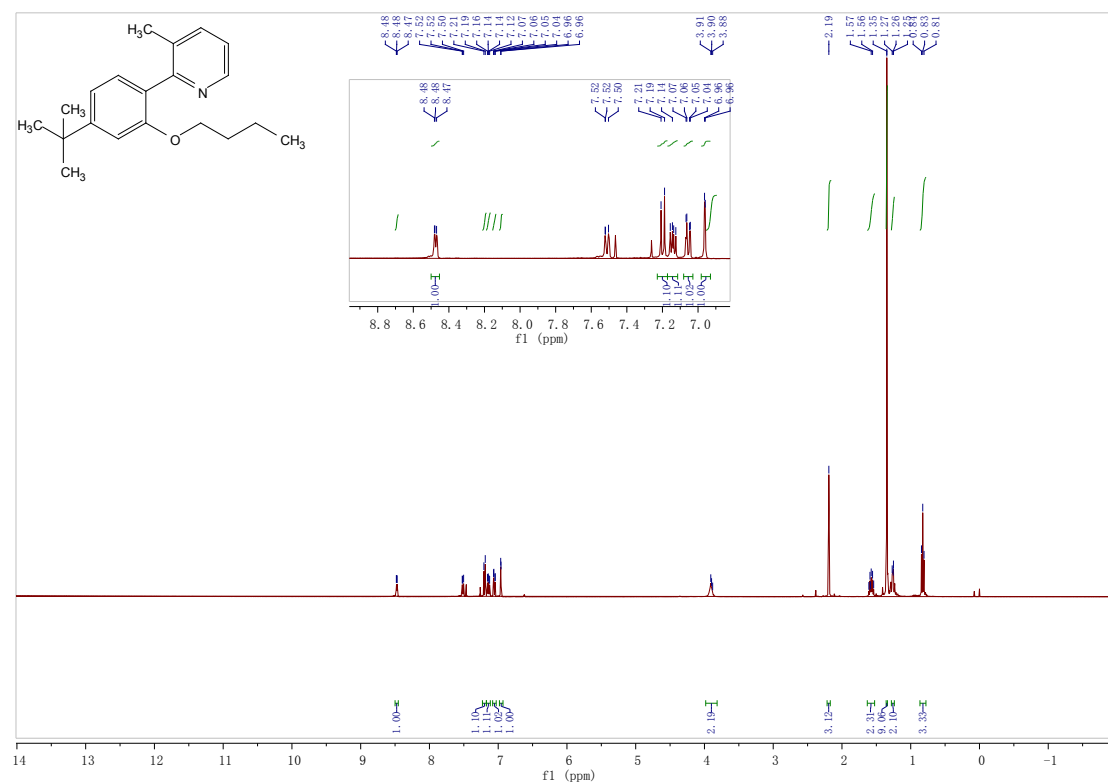
## Compound 5r

xh-4-13a-c13  
13C OBSERVE



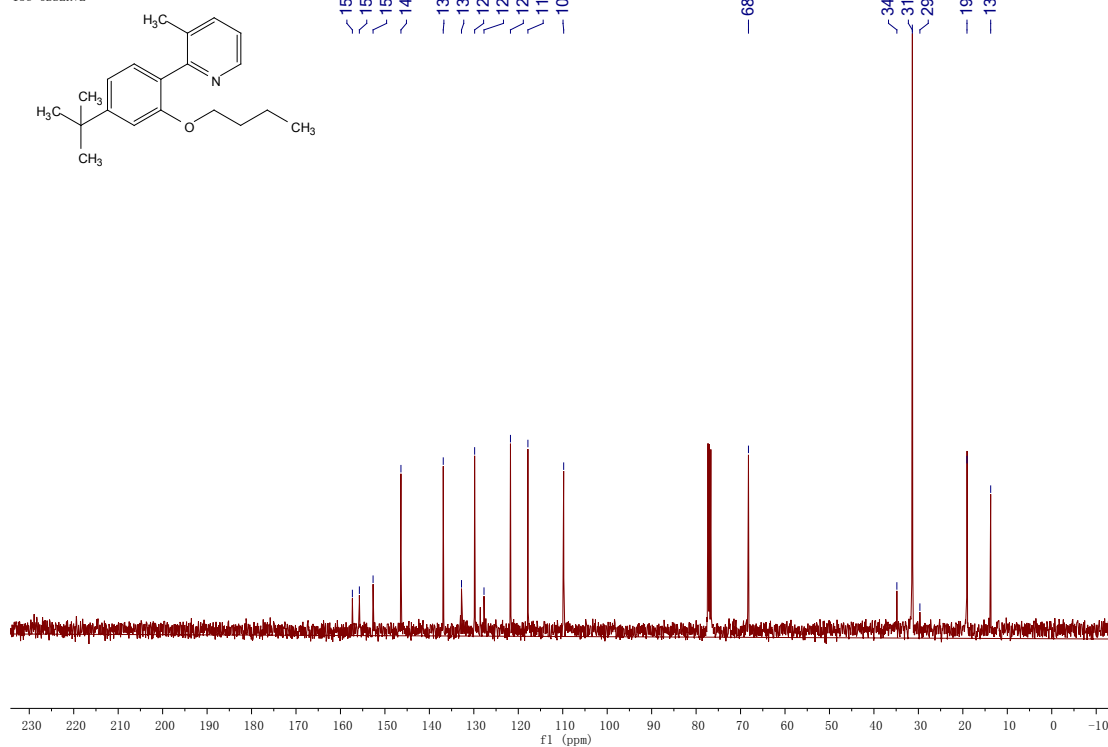


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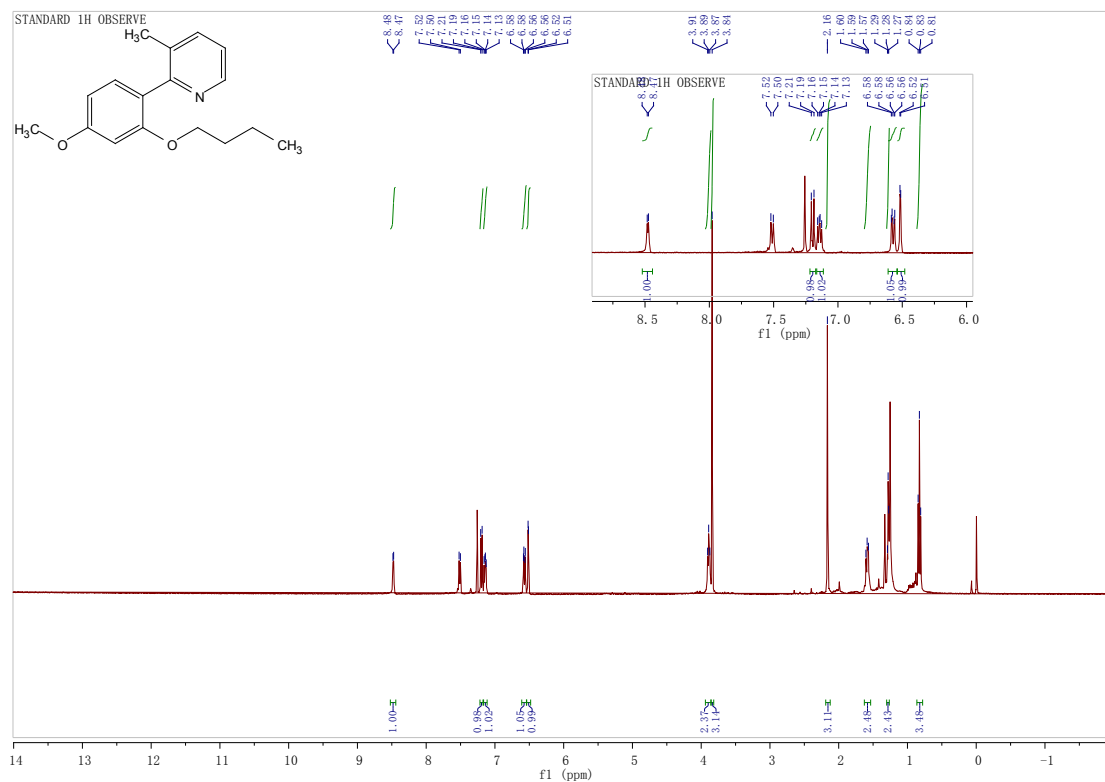


## Compound 5s

xh-4-13b-c13  
13C OBSERVE

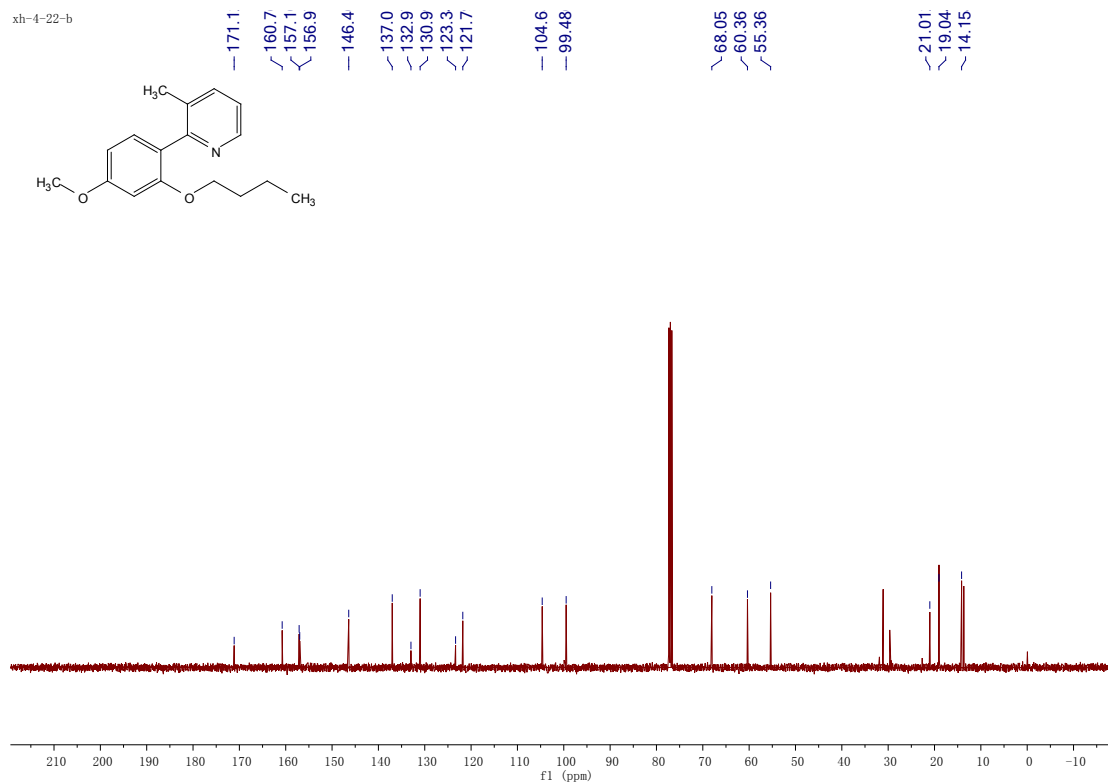


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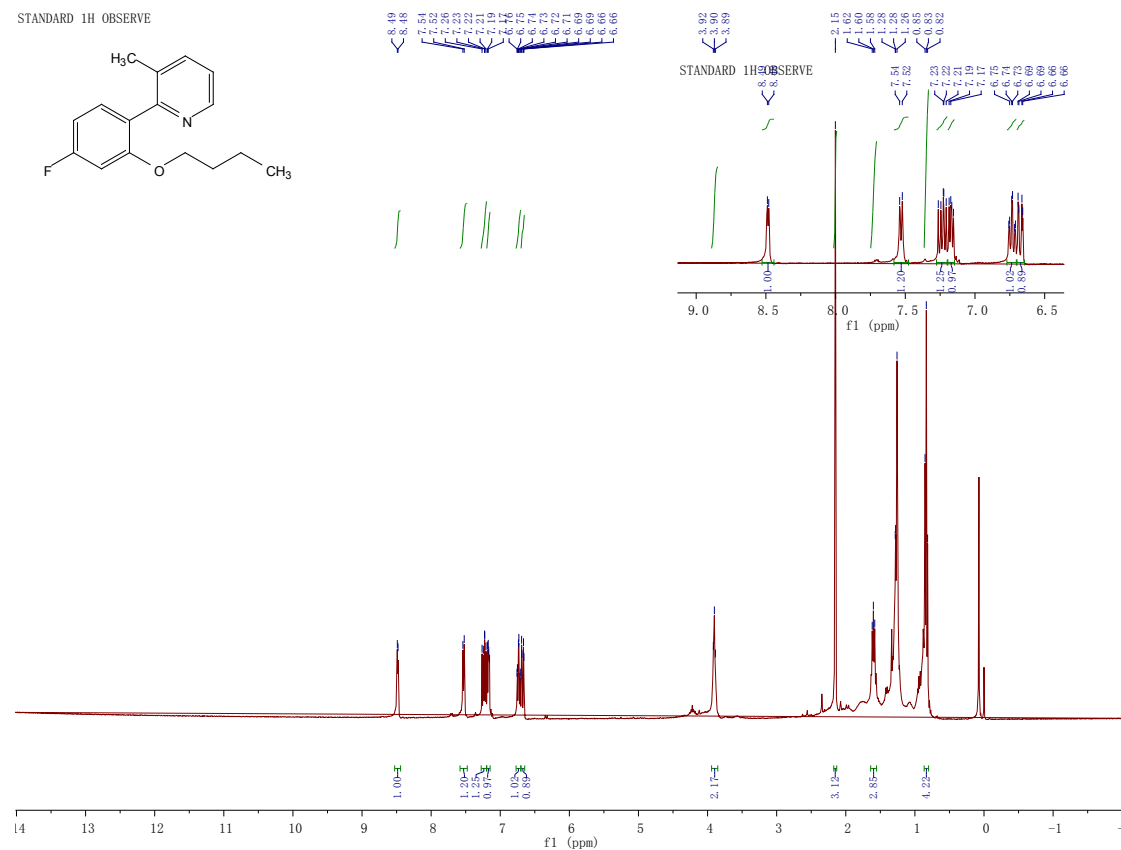
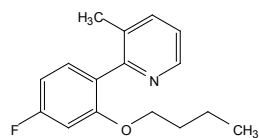
## Compound 5t

xh-4-22-b



## Compound 5u

STANDARD 1H OBSERVE



## Compound 5u

xh-4-22a-c13  
13C OBSERVE

