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# **Supporting Information**

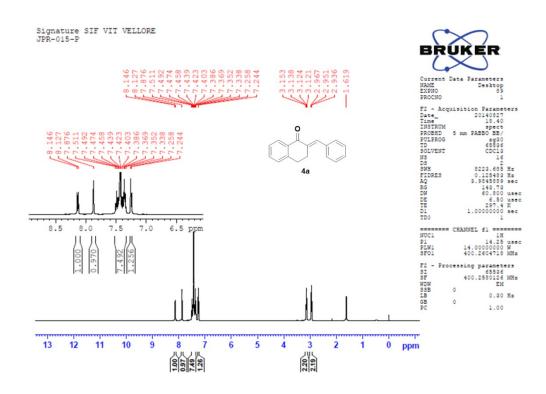
UV-Light induced Domino type reactions: Synthesis and photo physical properties of unreported nitrogen ring junction triazoloquinazolines

Jeyakannu Palaniraja and Selvaraj Mohana Roopan\*

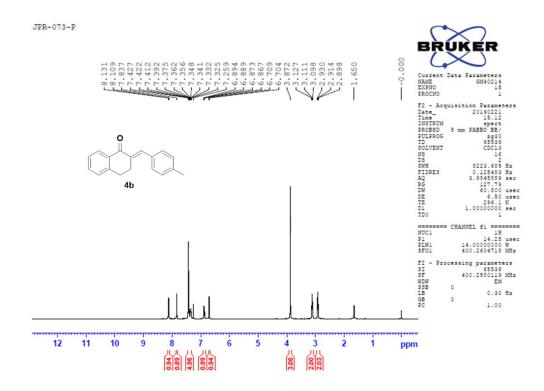
Chemistry Research Laboratory, Organic Chemistry Division, School of Advanced Sciences, VIT University, Vellore, Tamil Nadu-632014, India. Email: mohanaroopan.s@gmail.com; Fax: +91-416-224-3092; Tel: +0416-220-2352.

# Copies of <sup>1</sup>H NMR of 3(a-v)

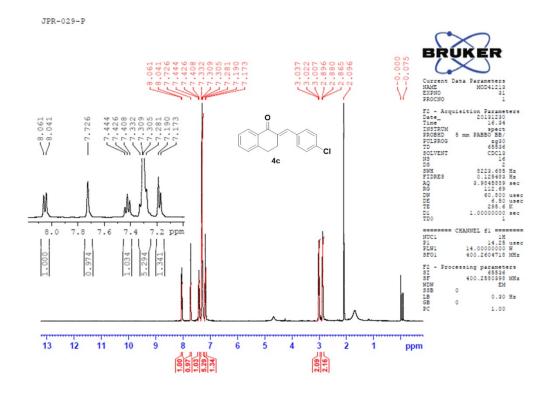
### <sup>1</sup>H NMR spectrum of compound (3a):



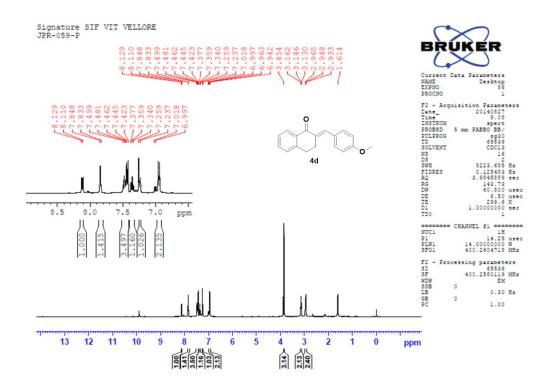
### <sup>1</sup>H NMR spectrum of compound (3b):



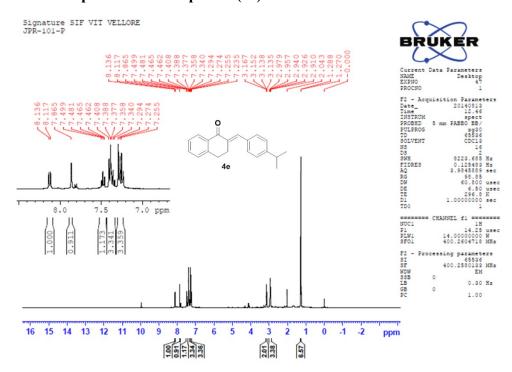
### <sup>1</sup>H NMR spectrum of compound (3c):



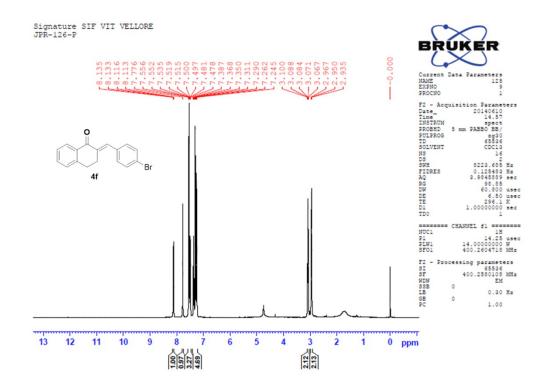
### <sup>1</sup>H NMR spectrum of compound (3d):



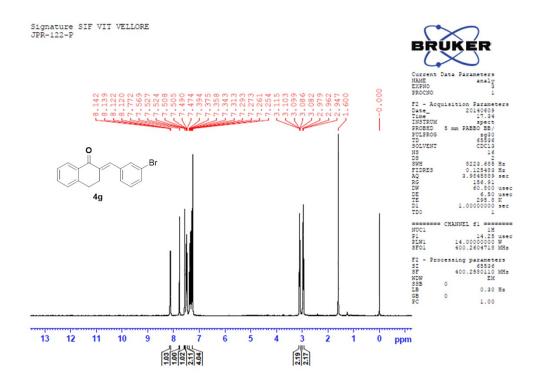
### <sup>1</sup>H NMR spectrum of compound (3e):



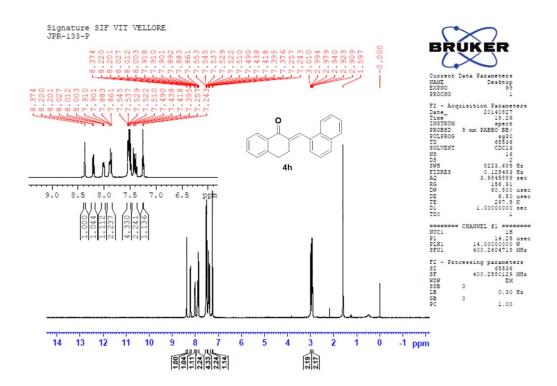
### <sup>1</sup>H NMR spectrum of compound (3f):



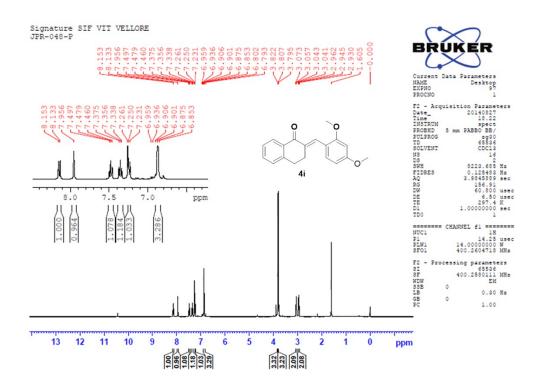
### <sup>1</sup>H NMR spectrum of compound (3g):



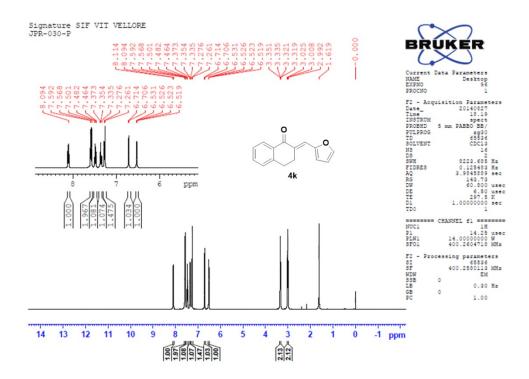
### <sup>1</sup>H NMR spectrum of compound (3h):



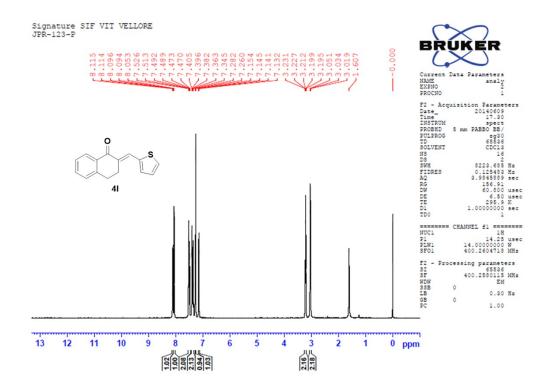
### <sup>1</sup>H NMR spectrum of compound (3i):



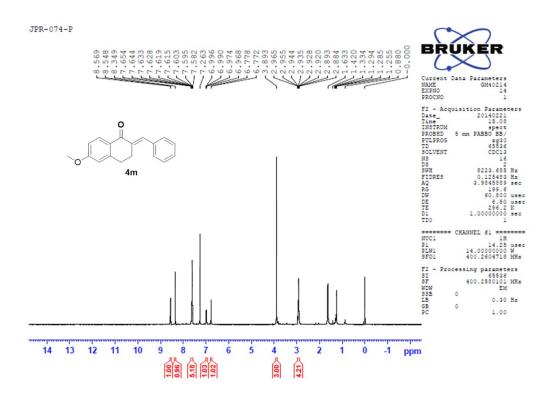
### <sup>1</sup>H NMR spectrum of compound (3k):



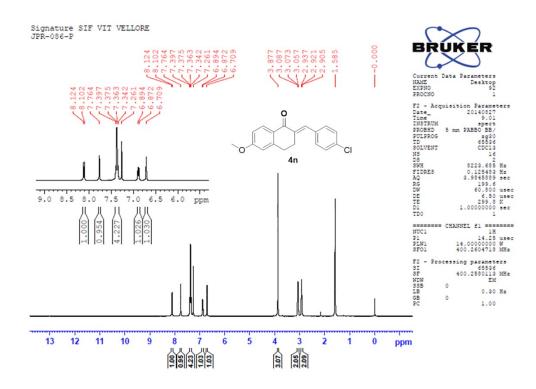
### <sup>1</sup>H NMR spectrum of compound (31):



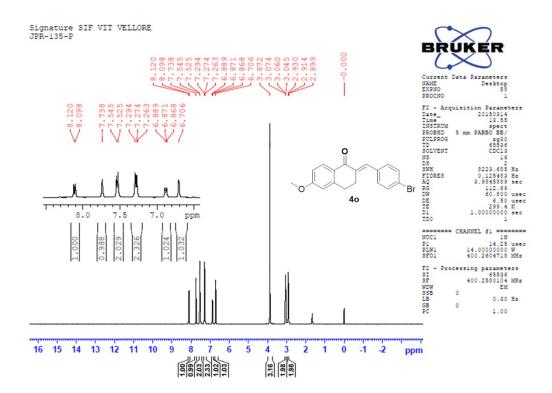
### <sup>1</sup>H NMR spectrum of compound (3m):



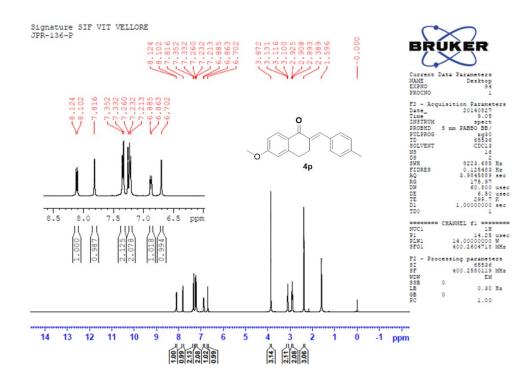
### <sup>1</sup>H NMR spectrum of compound (3n):



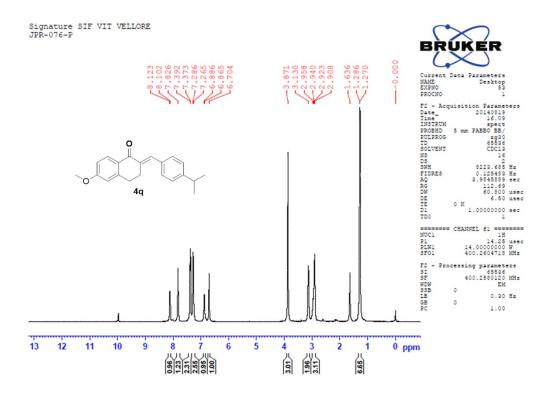
### <sup>1</sup>H NMR spectrum of compound (30):



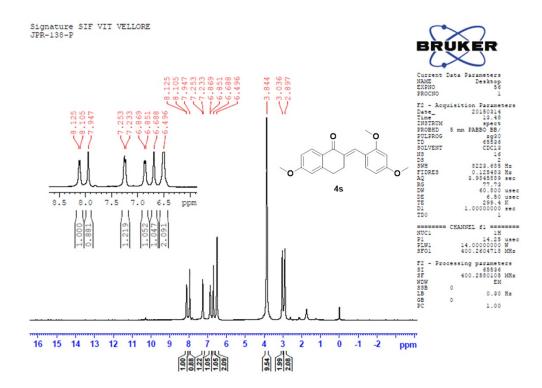
### <sup>1</sup>H NMR spectrum of compound (3p):



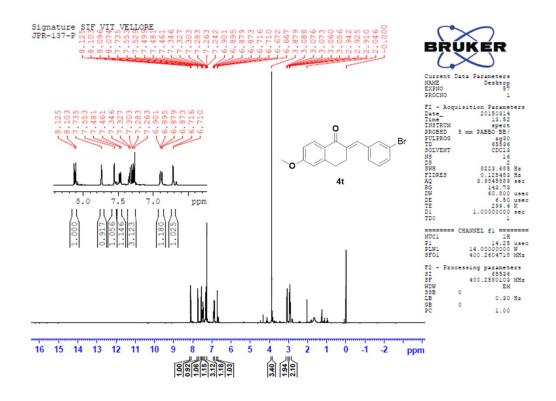
### <sup>1</sup>H NMR spectrum of compound (3q):



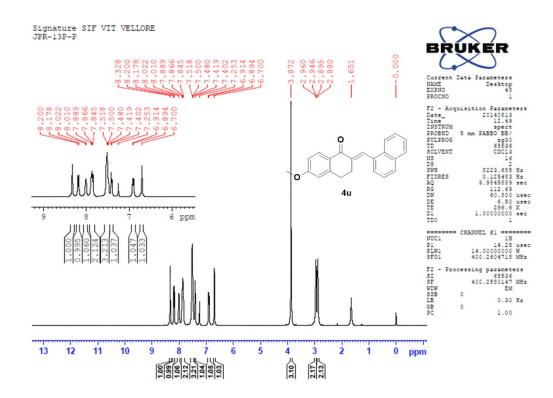
### <sup>1</sup>H NMR spectrum of compound (3s):



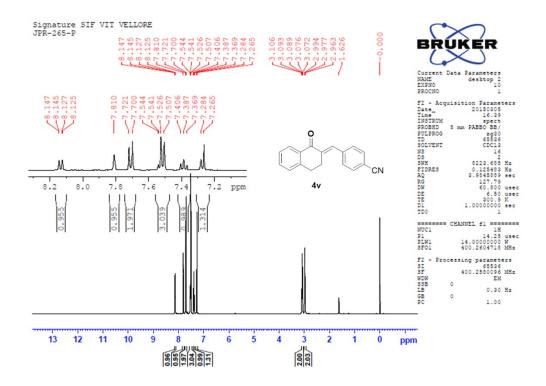
### <sup>1</sup>H NMR spectrum of compound (3t):



### <sup>1</sup>H NMR spectrum of compound (3u):

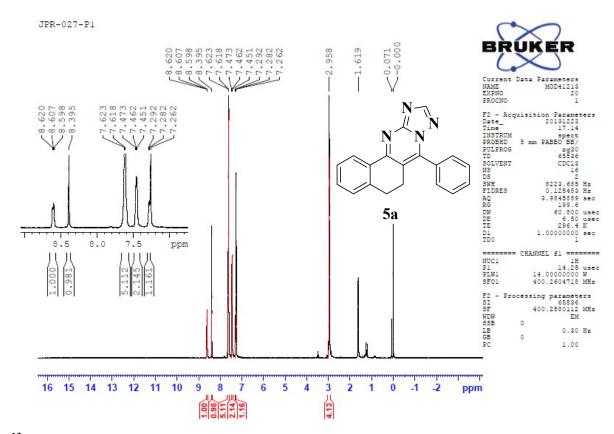


### <sup>1</sup>H NMR spectrum of compound (3v):

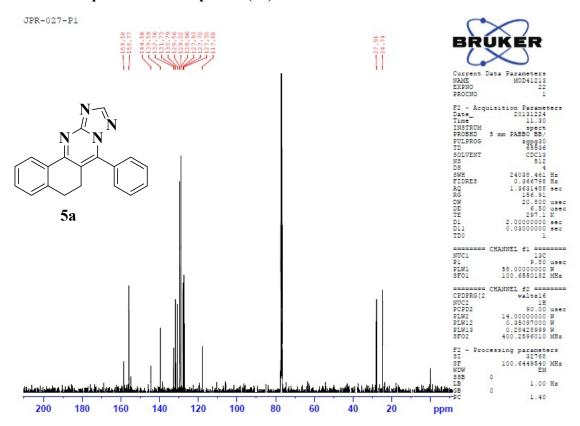


### Copies of <sup>1</sup>H NMR, <sup>13</sup>C NMR and HRMS of [5(a-u) & 6(a-f)]

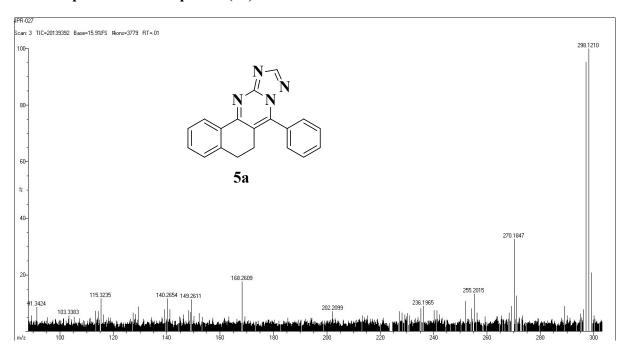
### <sup>1</sup>H NMR spectrum of compound (5a):



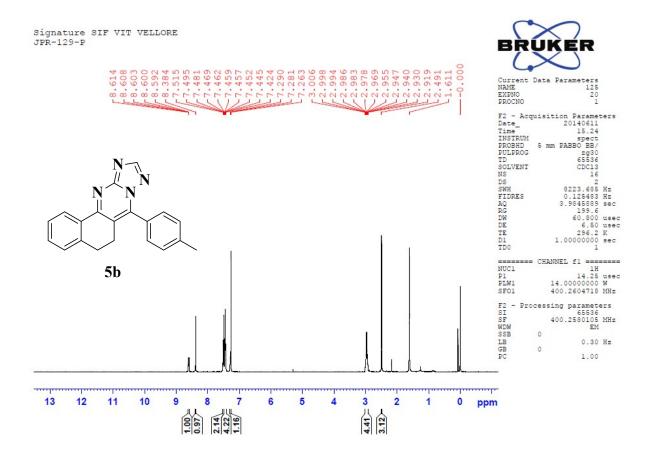
#### <sup>13</sup>C NMR spectrum of compound (5a):



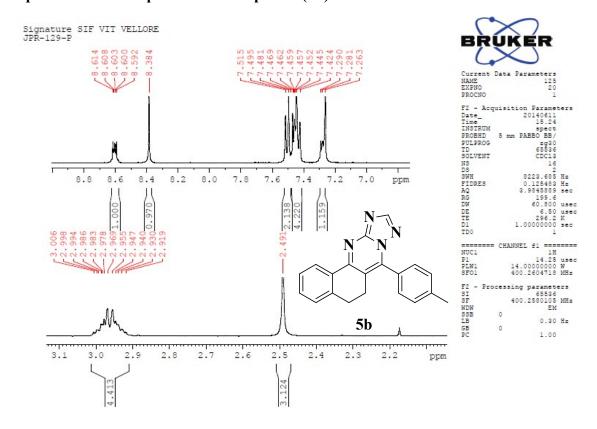
### HRMS spectrum of compound (5a):



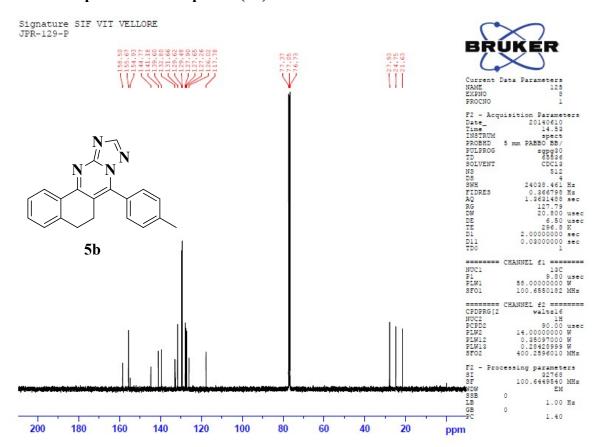
# <sup>1</sup>H NMR spectrum of compound (5b):



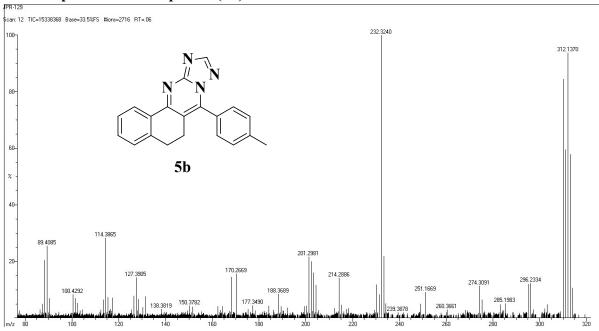
#### Expanded<sup>1</sup>H NMR spectrum of compound (5b):



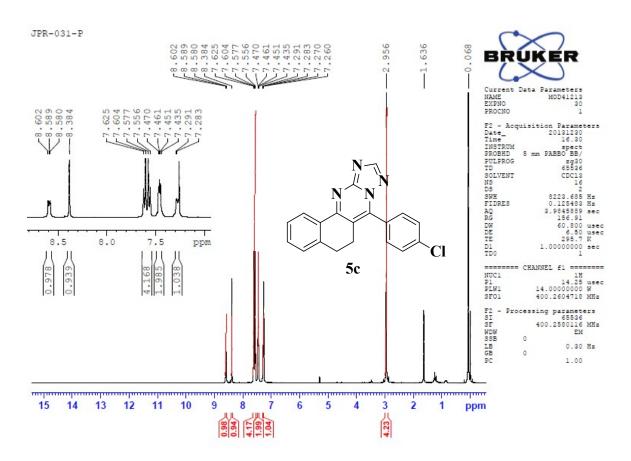
### <sup>13</sup>C NMR spectrum of compound (5b):



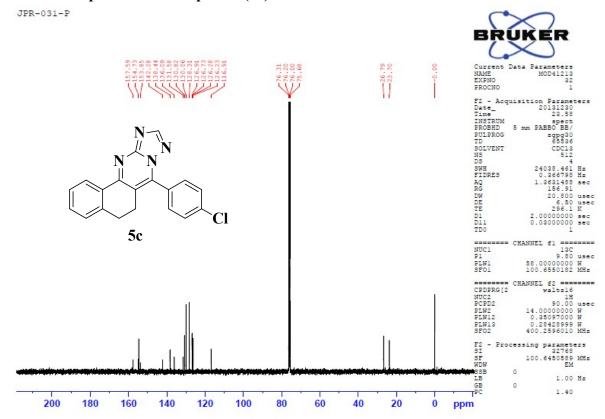
### HRMS spectrum of compound (5b):



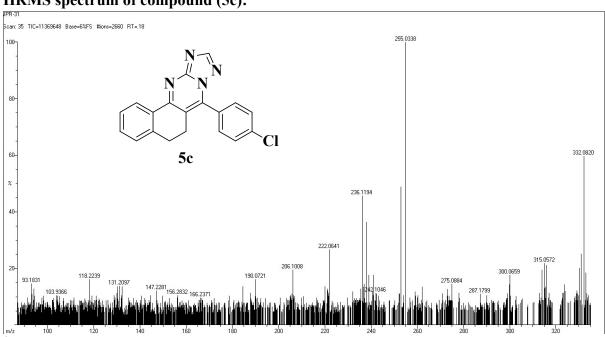
### <sup>1</sup>H NMR spectrum of compound (5c):



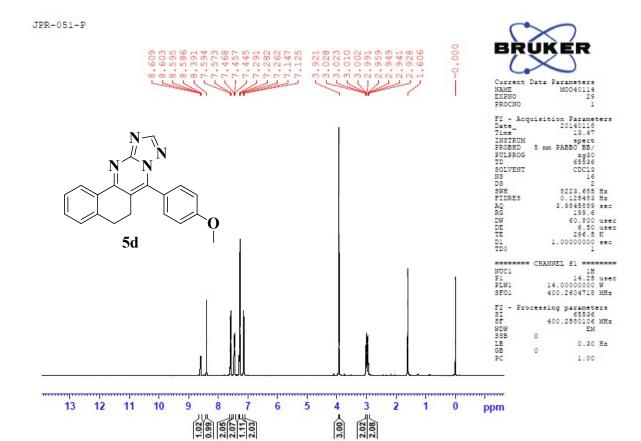
### <sup>13</sup>C NMR spectrum of compound (5c):



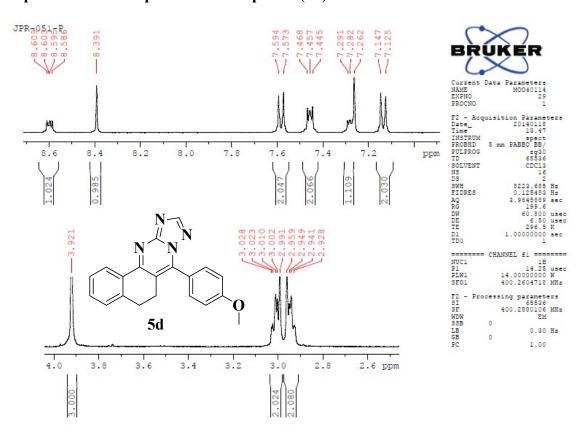
### HRMS spectrum of compound (5c):



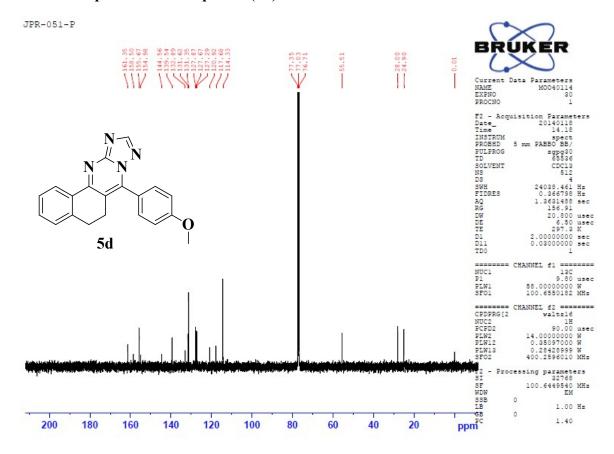
<sup>1</sup>H NMR spectrum of compound (5d):



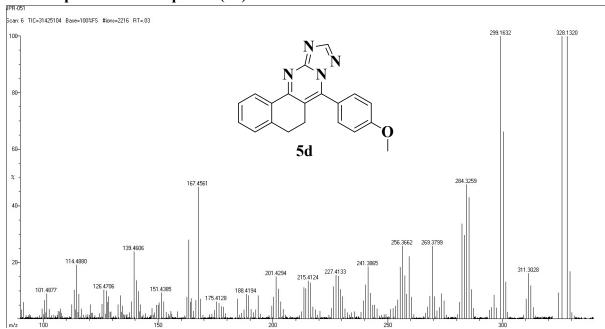
# Expanded<sup>1</sup>H NMR spectrum of compound (5d):



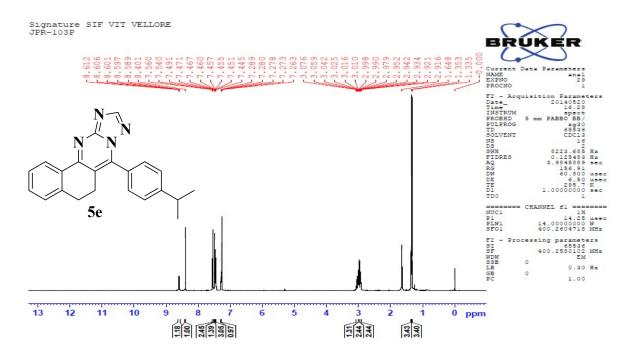
### <sup>13</sup>C NMR spectrum of compound (5d):



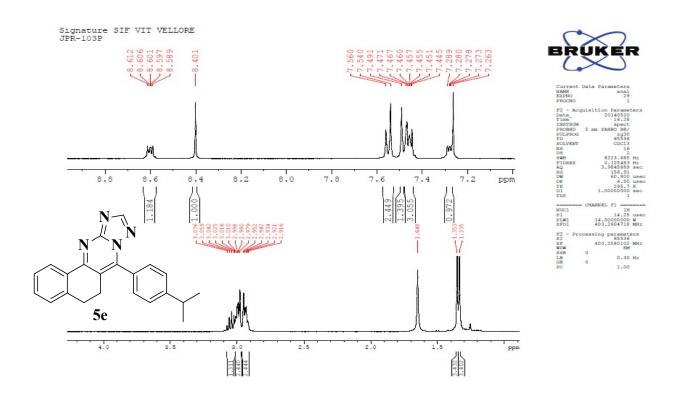
### HRMS spectrum of compound (5d):



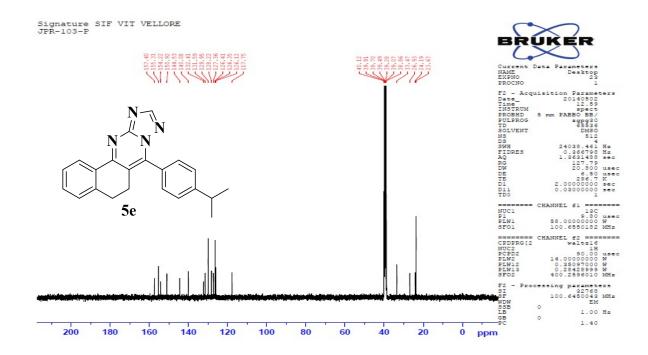
# <sup>1</sup>H NMR spectrum of compound (5e):



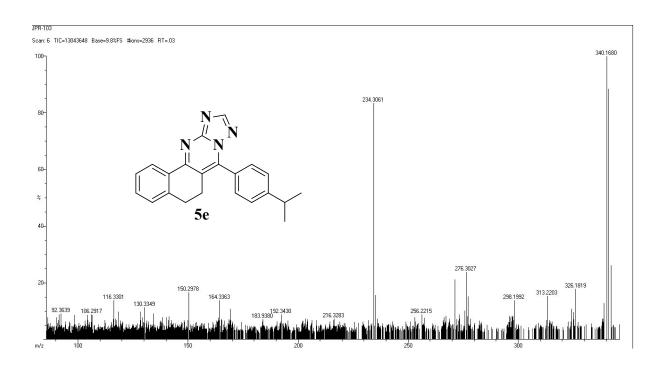
# Expanded<sup>1</sup>H NMR spectrum of compound (5e):



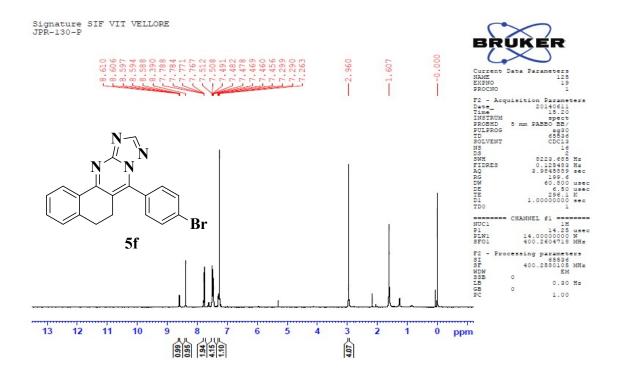
### <sup>13</sup>C NMR spectrum of compound (5e):



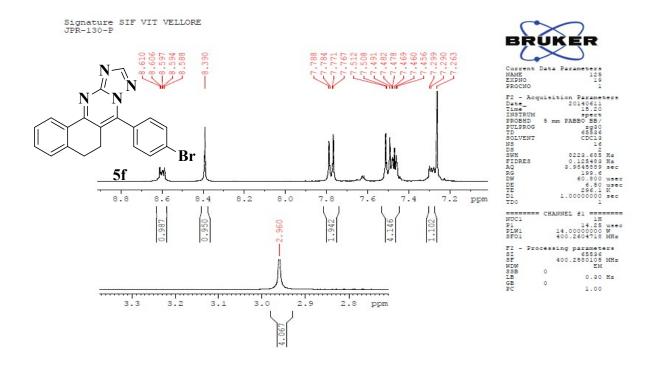
# HRMS spectrum of compound (5e):



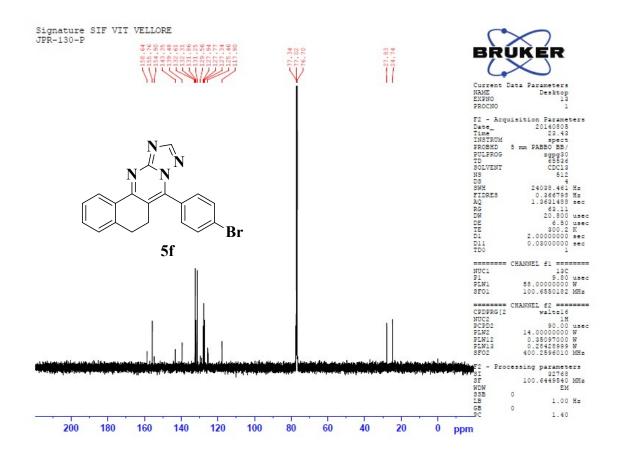
### <sup>1</sup>H NMR spectrum of compound (5f):



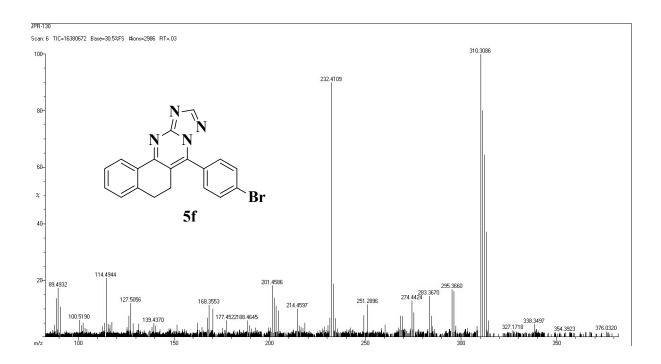
### Expanded<sup>1</sup>H NMR spectrum of compound (5f):



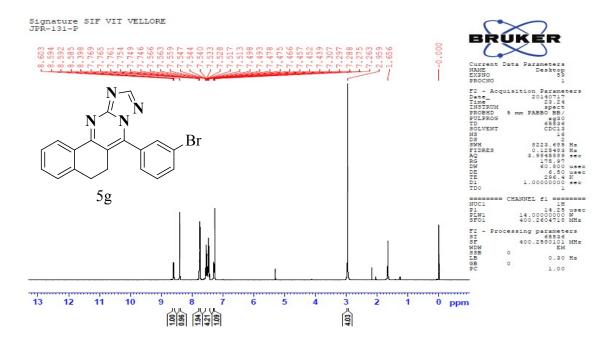
### <sup>13</sup>C NMR spectrum of compound (5f):



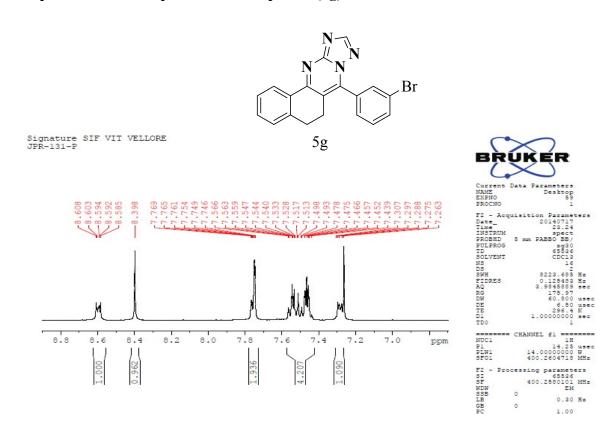
### HRMS spectrum of compound (5f):



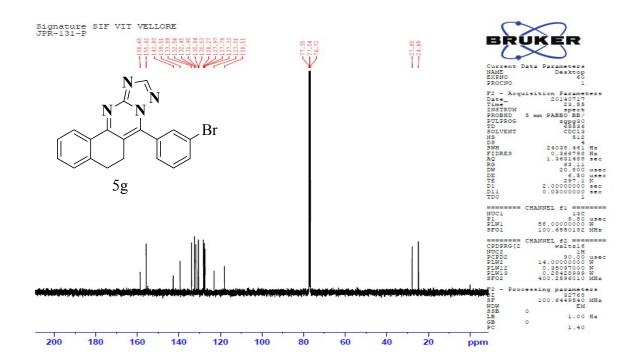
### <sup>1</sup>H NMR spectrum of compound (5g):



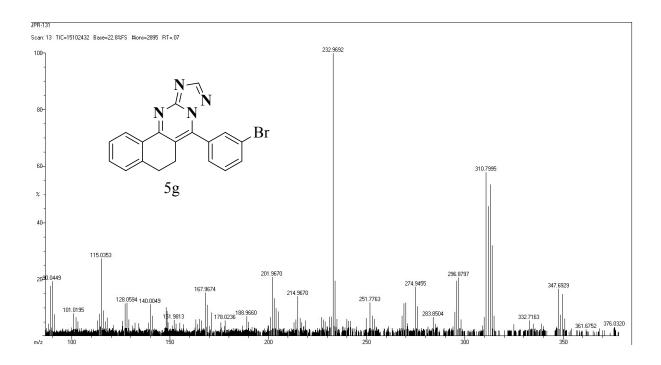
#### Expanded<sup>1</sup>H NMR spectrum of compound (5g):



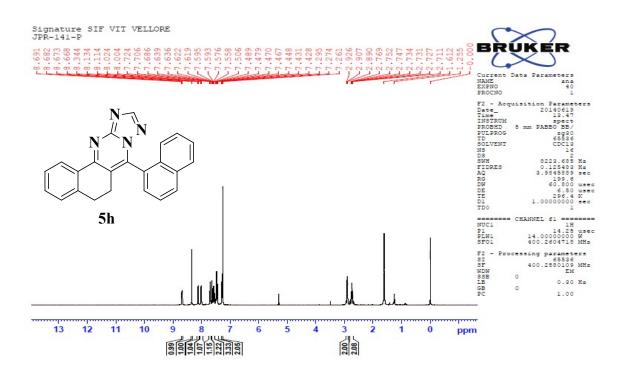
# <sup>13</sup>C NMR spectrum of compound (5g):



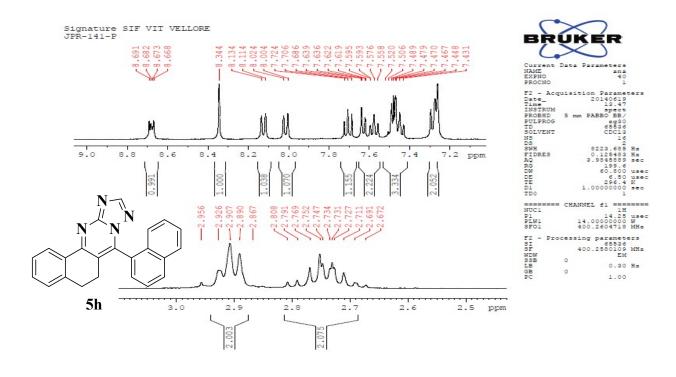
# HRMS spectrum of compound (5g):



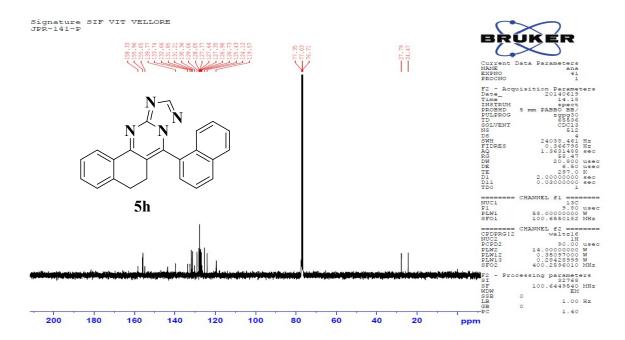
### <sup>1</sup>H NMR spectrum of compound (5h):



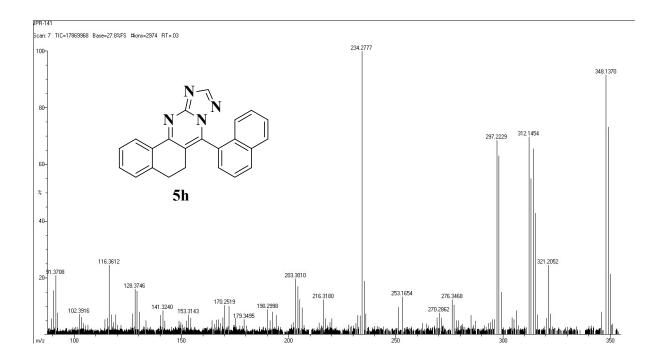
# Expanded<sup>1</sup>H NMR spectrum of compound (5h):



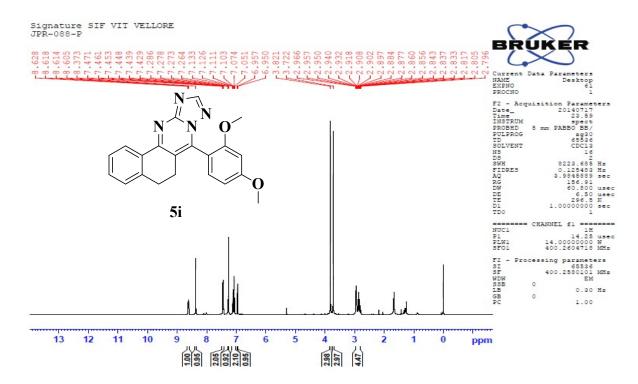
# <sup>13</sup>C NMR spectrum of compound (5h):



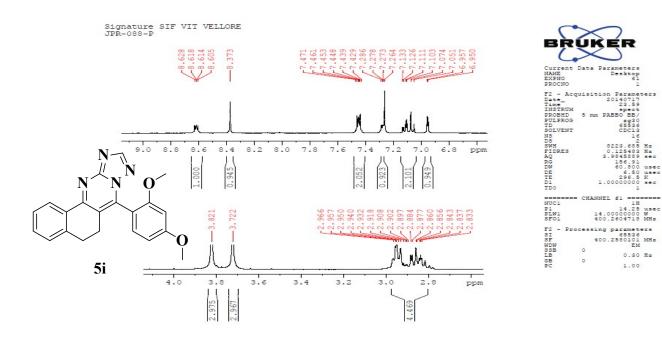
# HRMS spectrum of compound (5h):



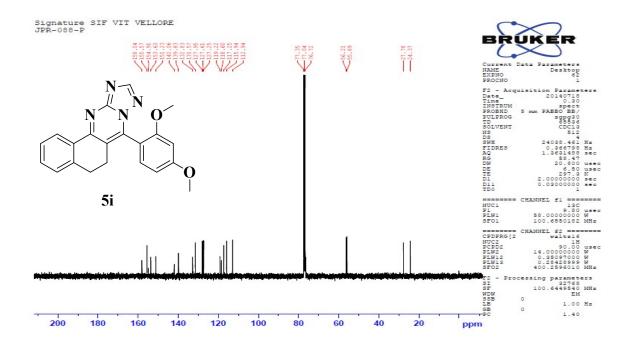
# <sup>1</sup>H NMR spectrum of compound (5i):



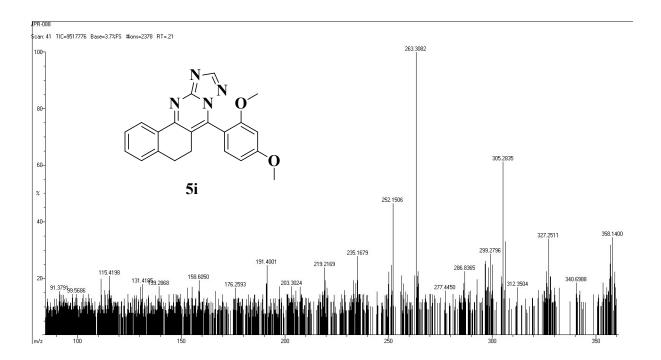
### Expanded<sup>1</sup>H NMR spectrum of compound (5i):



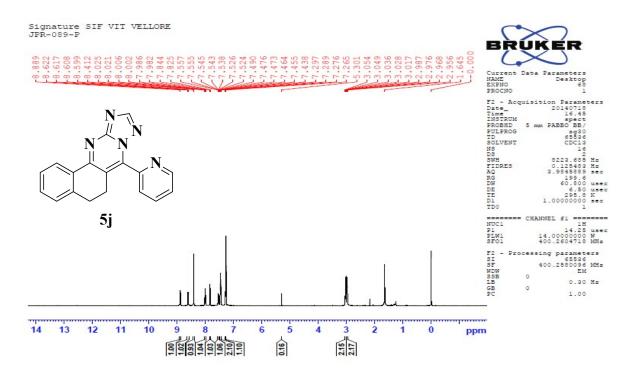
# <sup>13</sup>C NMR spectrum of compound (5i):



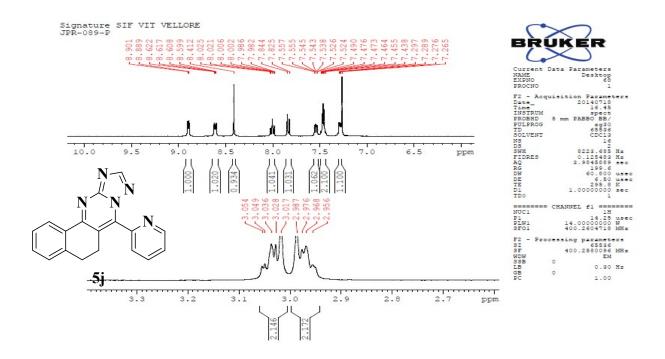
### HRMS spectrum of compound (5i):



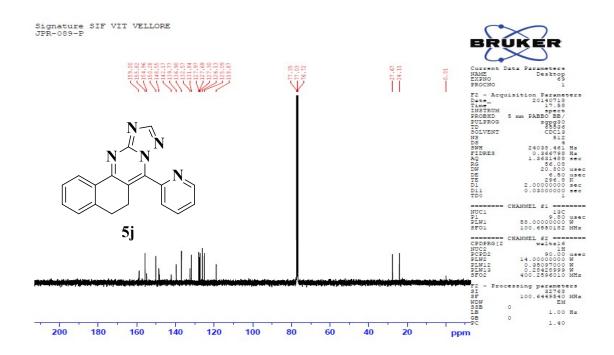
### <sup>1</sup>H NMR spectrum of compound (5j):



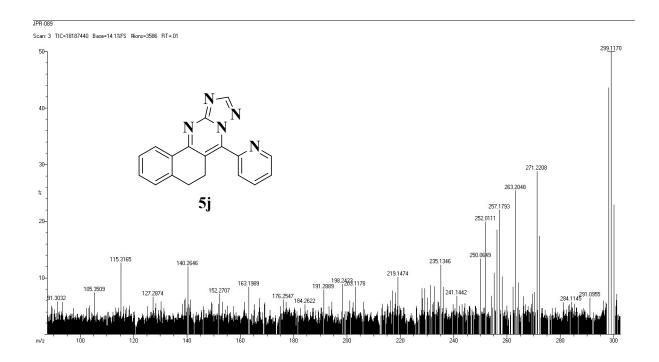
# Expanded<sup>1</sup>H NMR spectrum of compound (5j):



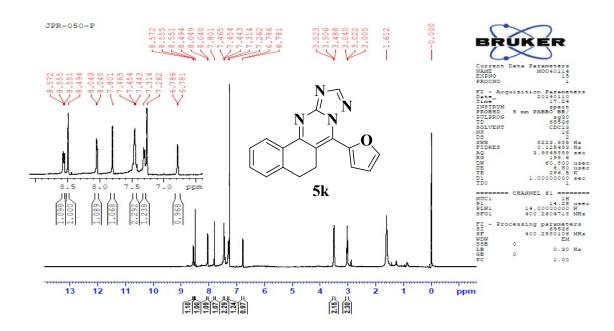
# <sup>13</sup>C NMR spectrum of compound (5j):



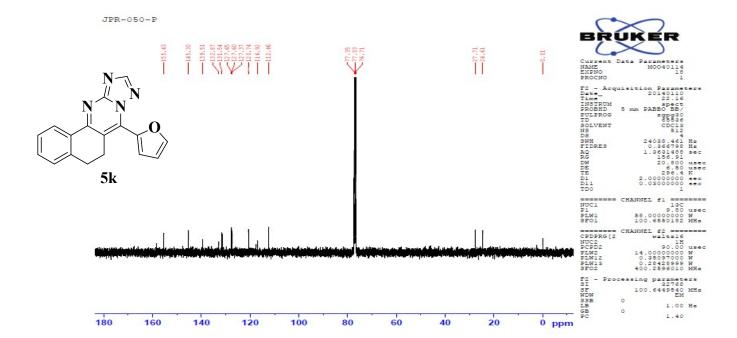
# HRMS spectrum of compound (5j):



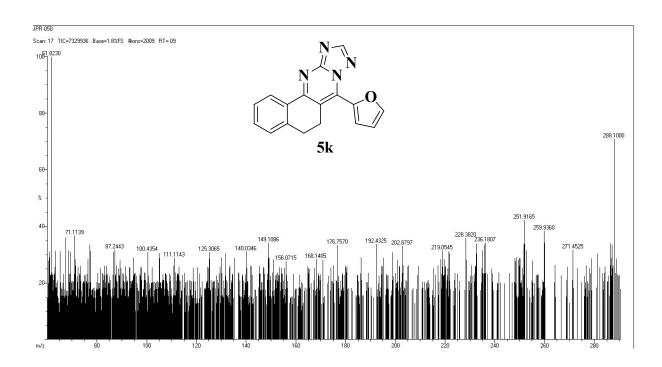
### <sup>1</sup>H NMR spectrum of compound (5k):



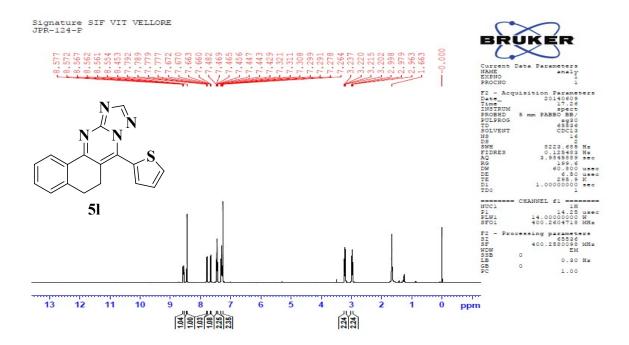
# <sup>13</sup>C NMR spectrum of compound (5k):



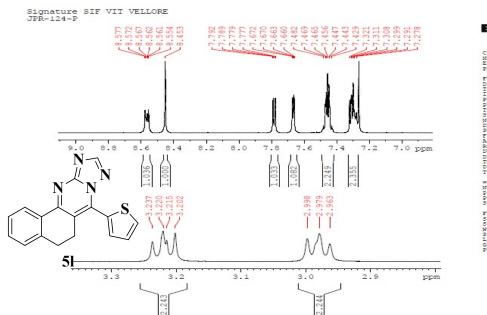
### HRMS spectrum of compound (5k):



# <sup>1</sup>H NMR spectrum of compound (5l):

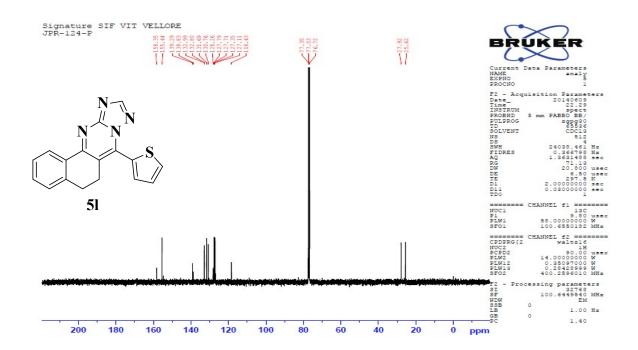


# Expanded<sup>1</sup>H NMR spectrum of compound (5l):

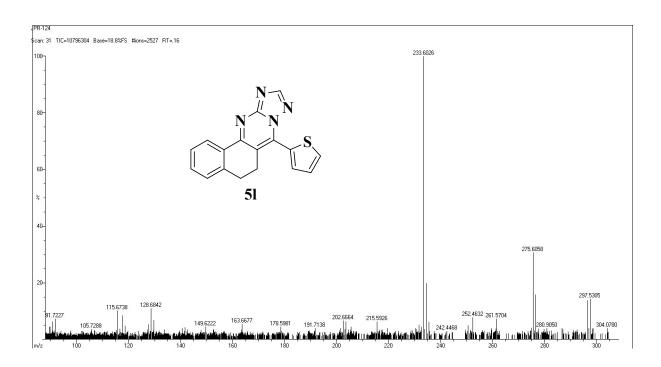




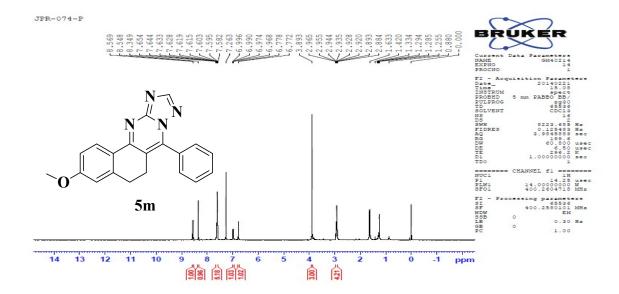
### <sup>13</sup>C NMR spectrum of compound (51):



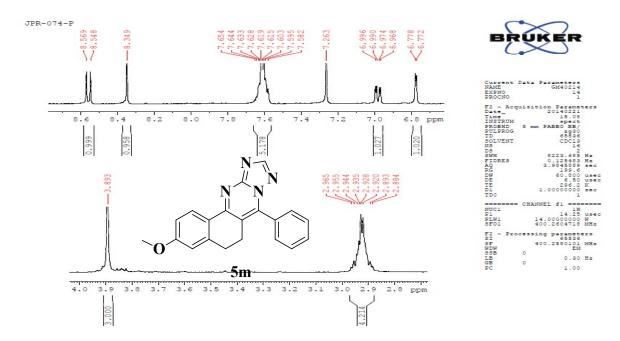
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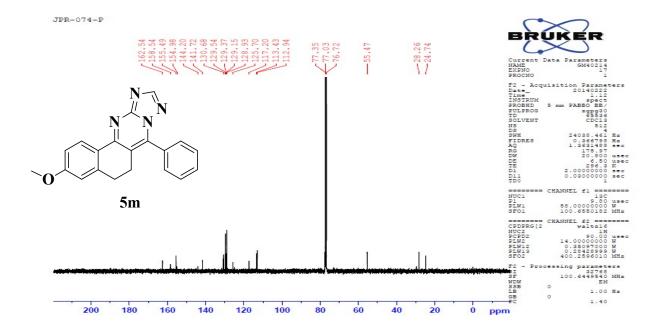
# <sup>1</sup>H NMR spectrum of compound (5m):



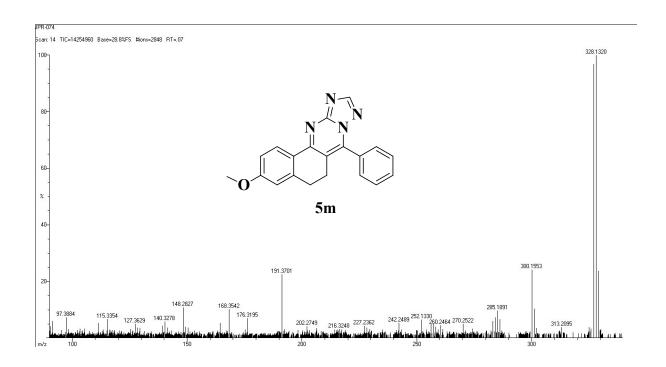
# Expanded<sup>1</sup>H NMR spectrum of compound (5m):



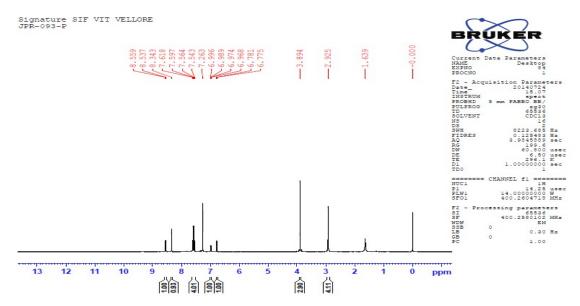
# <sup>13</sup>C NMR spectrum of compound (5m):



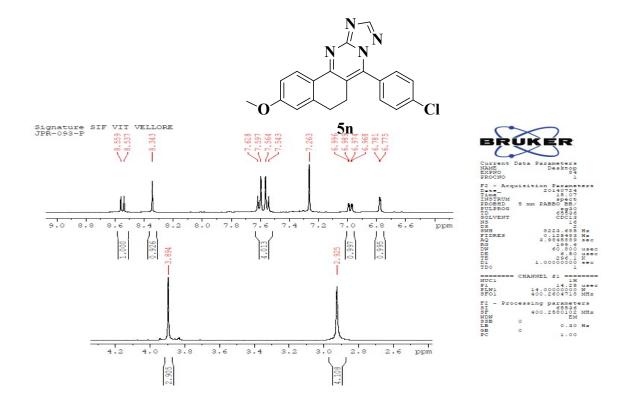
# HRMS spectrum of compound (5m):

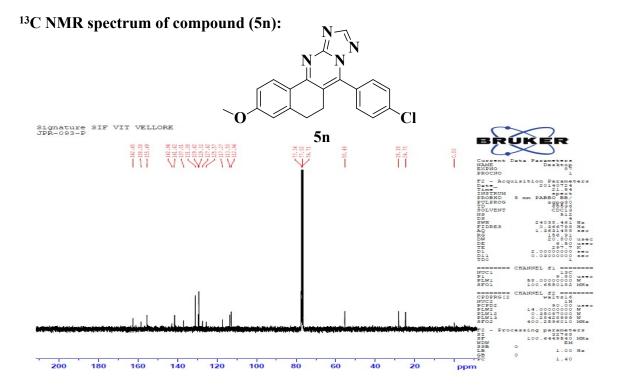


# <sup>1</sup>H NMR spectrum of compound (5n):

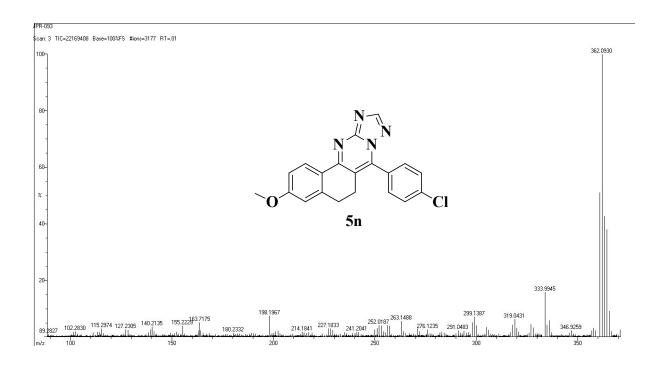


# Expanded<sup>1</sup>H NMR spectrum of compound (5n):

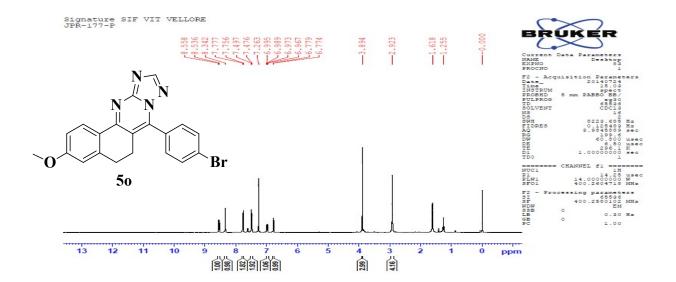




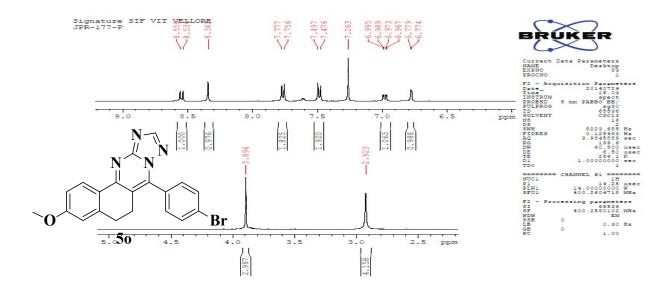
# HRMS spectrum of compound (5n):



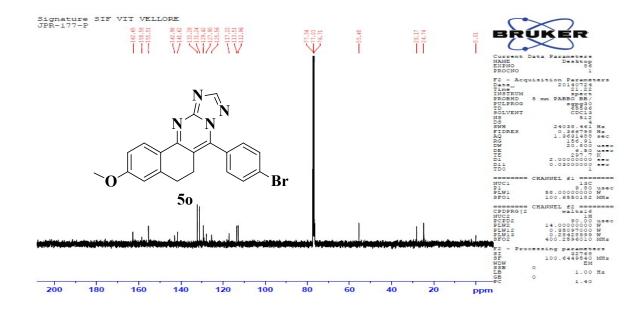
# <sup>1</sup>H NMR spectrum of compound (50):



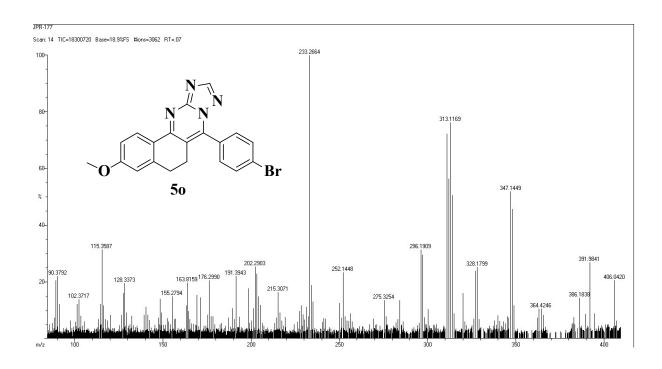
# Expanded<sup>1</sup>H NMR spectrum of compound (50):



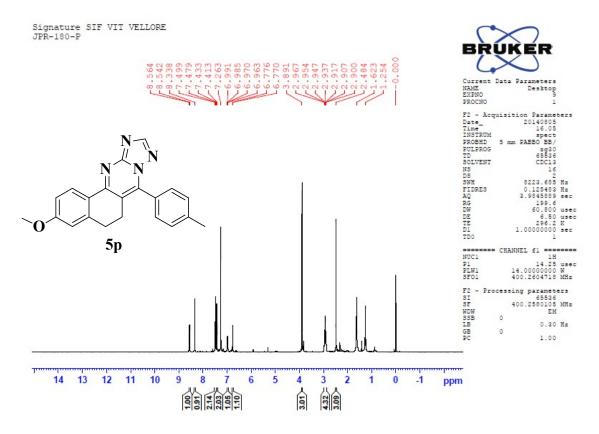
# <sup>13</sup>C NMR spectrum of compound (50):



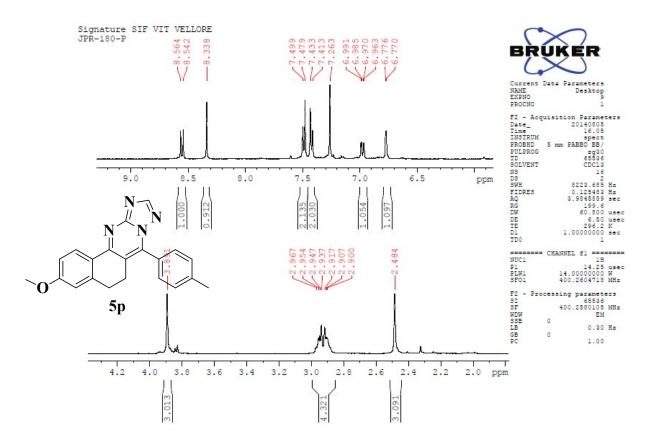
## HRMS spectrum of compound (50):



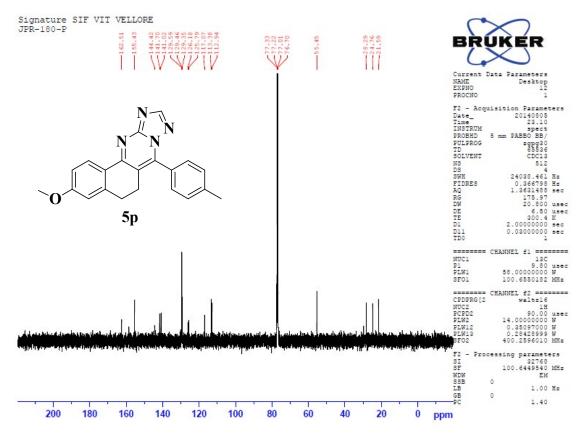
# <sup>1</sup>H NMR spectrum of compound (5p):



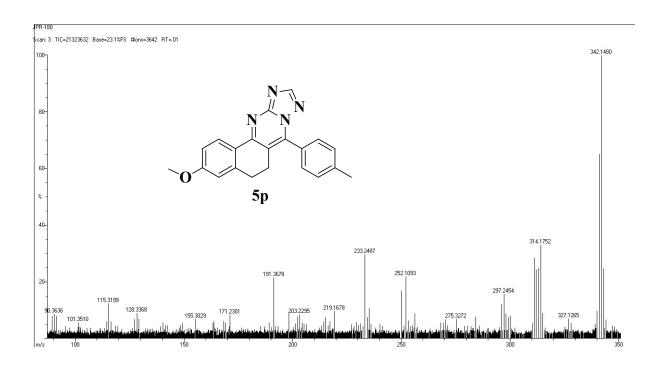
#### Expanded<sup>1</sup>H NMR spectrum of compound (5p):



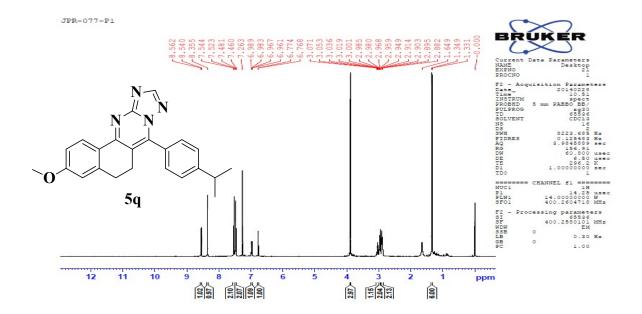
## <sup>13</sup>C NMR spectrum of compound (5p):



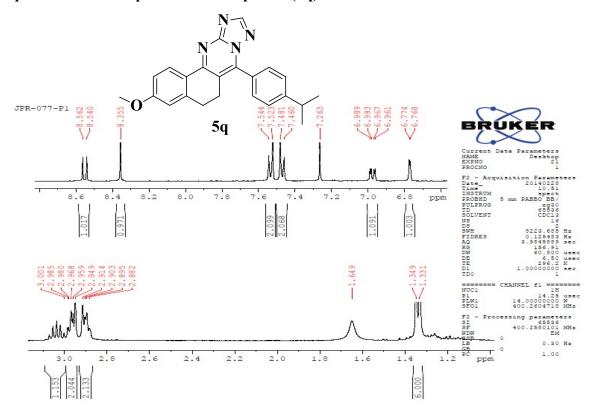
# HRMS spectrum of compound (5p):



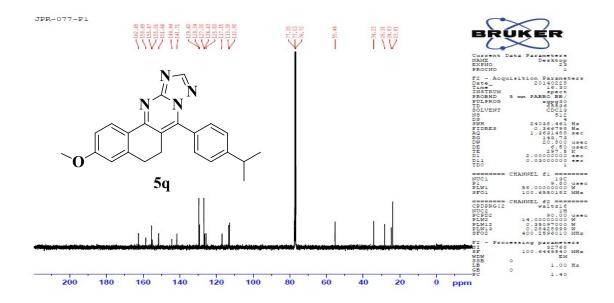
# <sup>1</sup>H NMR spectrum of compound (5q):



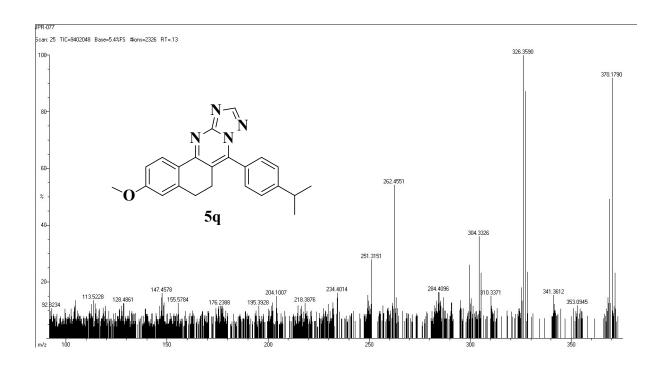
## Expanded<sup>1</sup>H NMR spectrum of compound (5q):



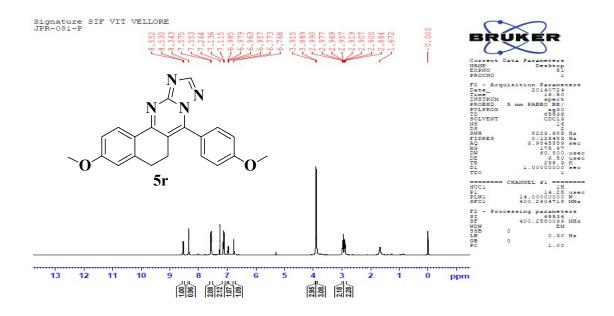
# <sup>13</sup>C NMR spectrum of compound (5q):



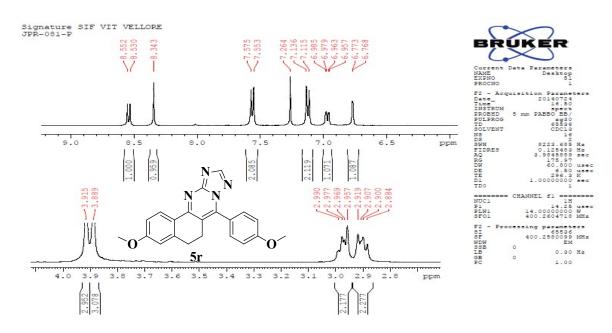
# HRMS spectrum of compound (5q):



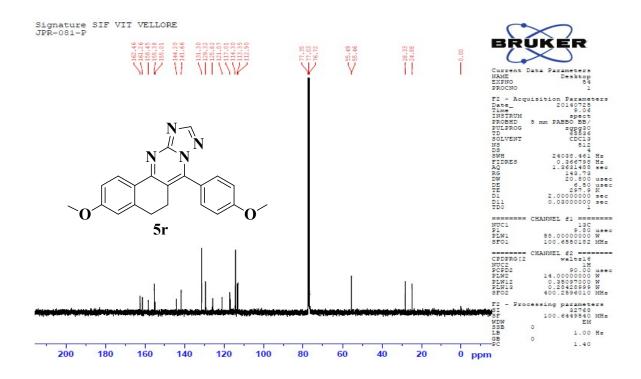
# <sup>1</sup>H NMR spectrum of compound (5r):



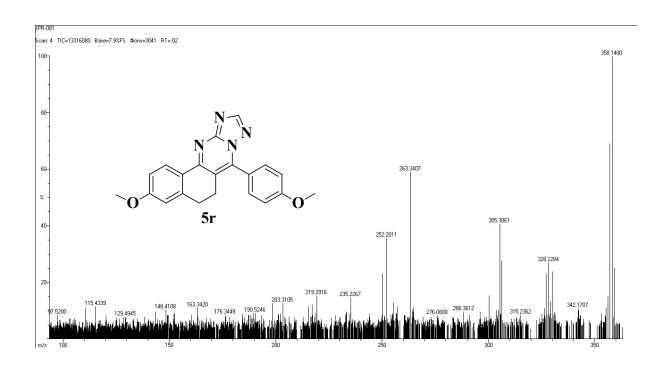
#### Expanded<sup>1</sup>H NMR spectrum of compound (5r):



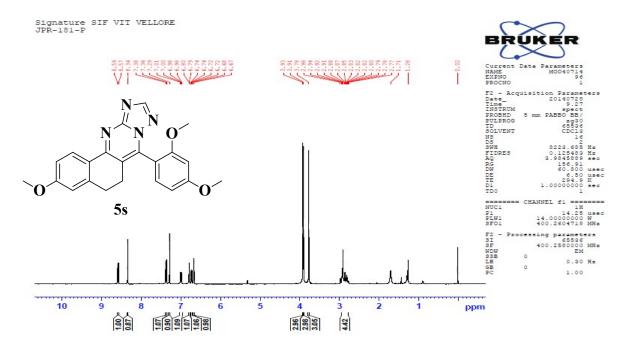
## <sup>13</sup>C NMR spectrum of compound (5r):



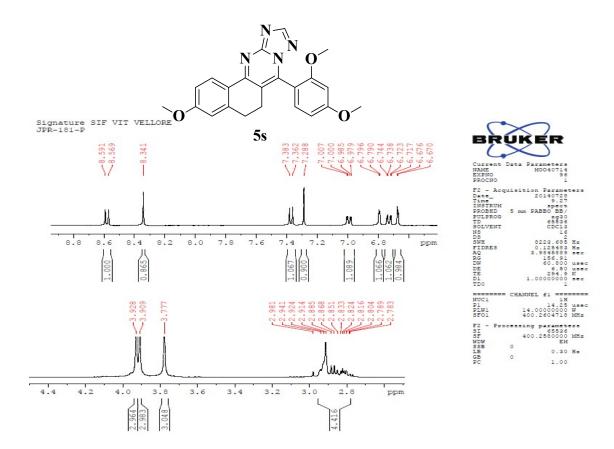
# HRMS spectrum of compound (5r):



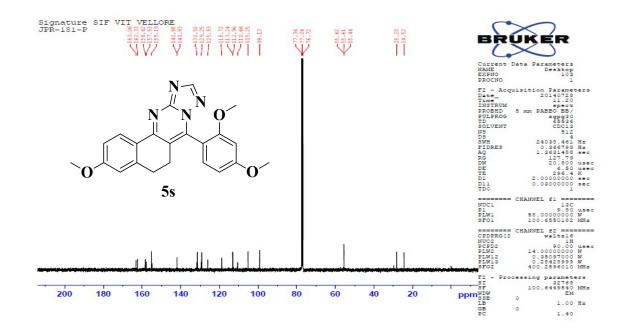
## <sup>1</sup>H NMR spectrum of compound (5s):



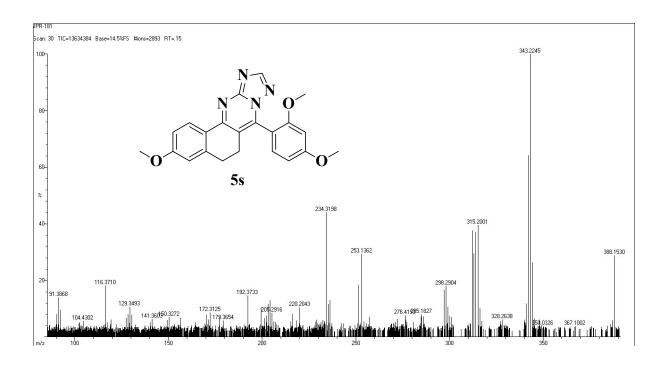
## Expanded<sup>1</sup>H NMR spectrum of compound (5s):



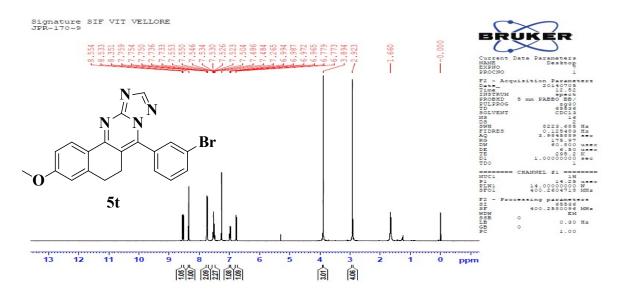
## <sup>13</sup>C NMR spectrum of compound (5s):



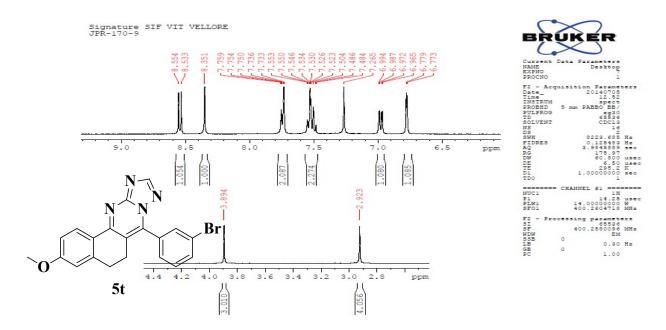
# HRMS spectrum of compound (5s):



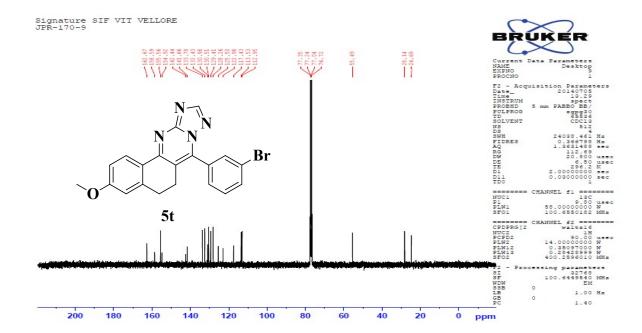
## <sup>1</sup>H NMR spectrum of compound (5t):



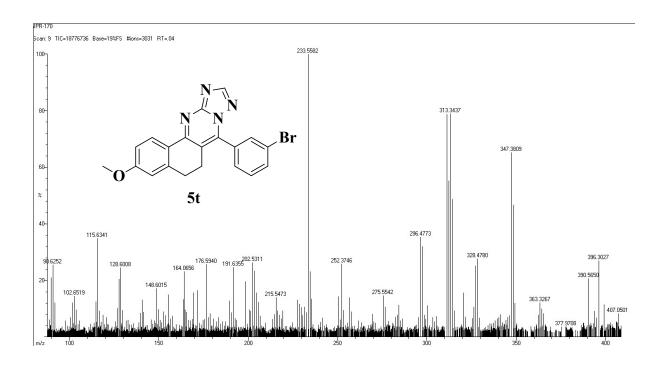
## Expanded<sup>1</sup>H NMR spectrum of compound (5t):



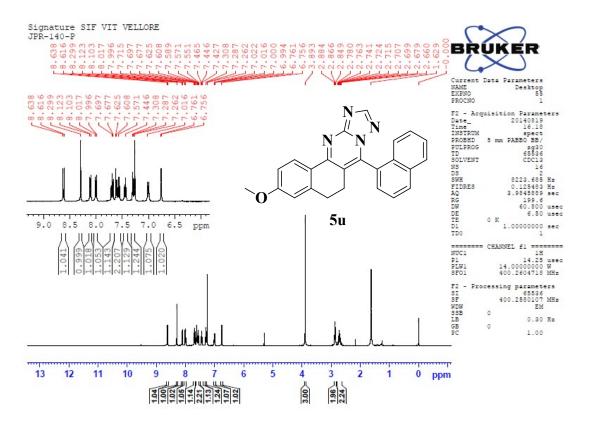
## <sup>13</sup>C NMR spectrum of compound (5t):



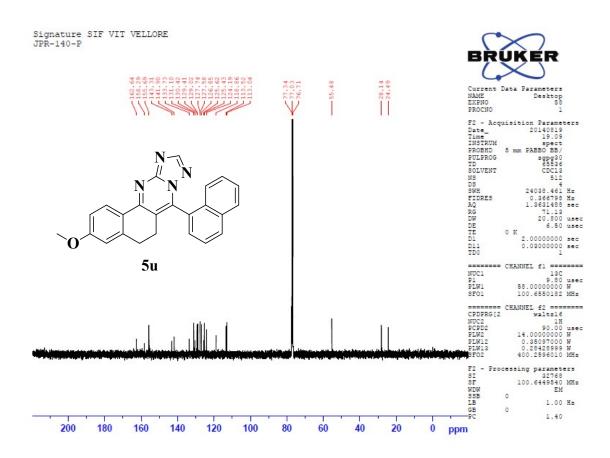
#### HRMS spectrum of compound (5t):



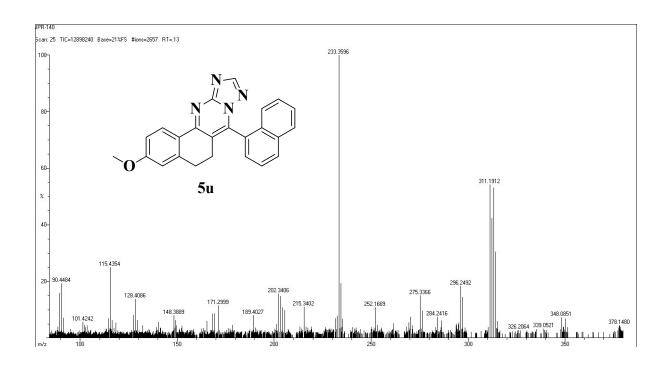
### <sup>1</sup>H NMR spectrum of compound (5u):



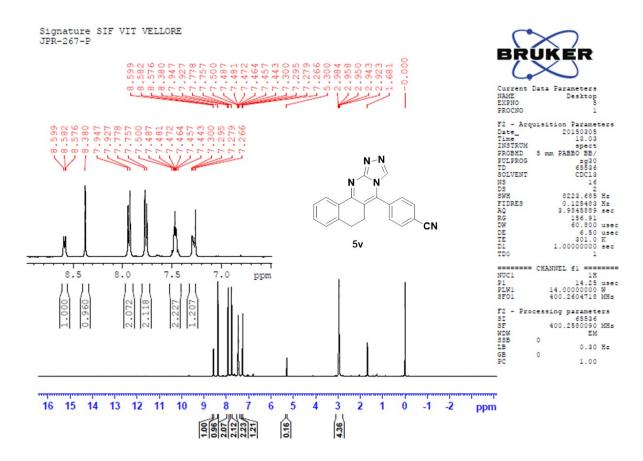
#### <sup>13</sup>C NMR spectrum of compound (5u):



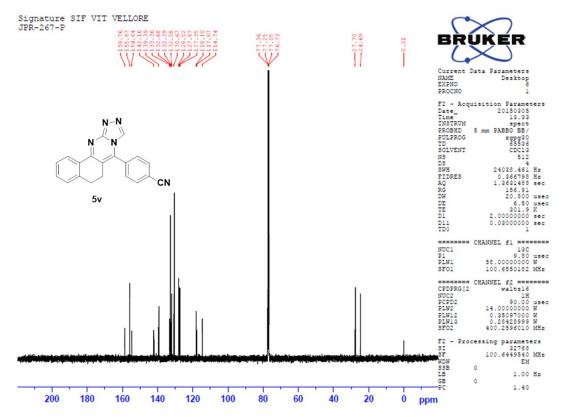
#### HRMS spectrum of compound (5u):



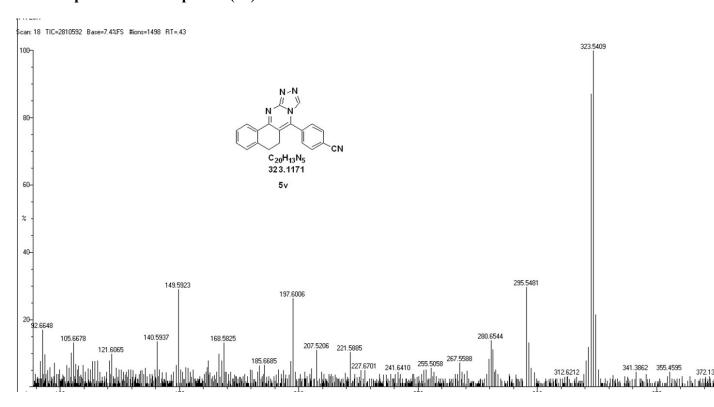
#### <sup>1</sup>H NMR spectrum of compound (5v):



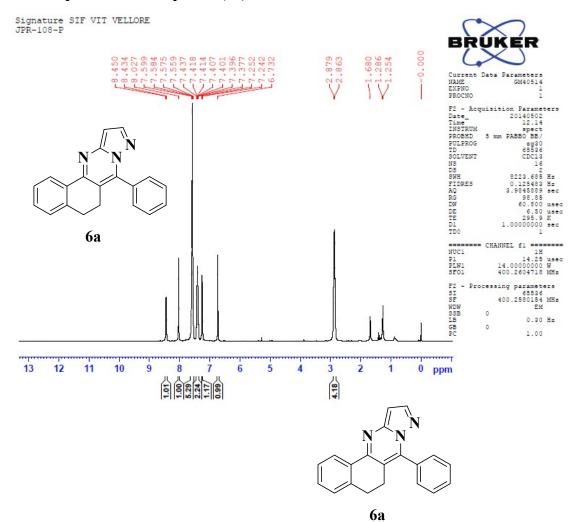
### <sup>13</sup>C NMR spectrum of compound (5u):



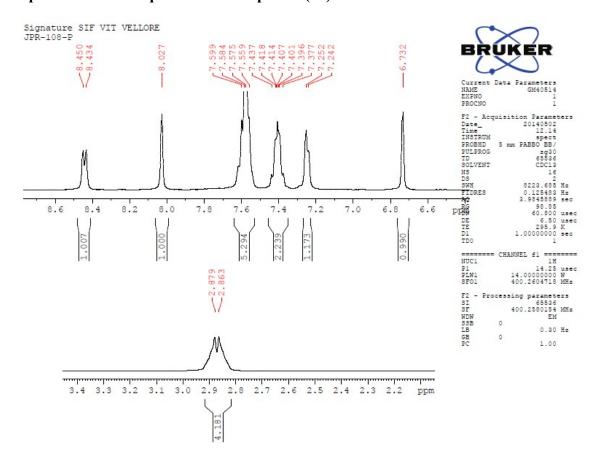
#### HRMS spectrum of compound (5v):



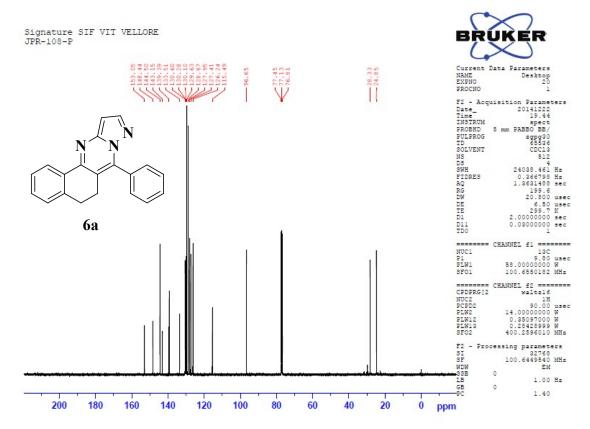
### <sup>1</sup>H NMR spectrum of compound (6a):



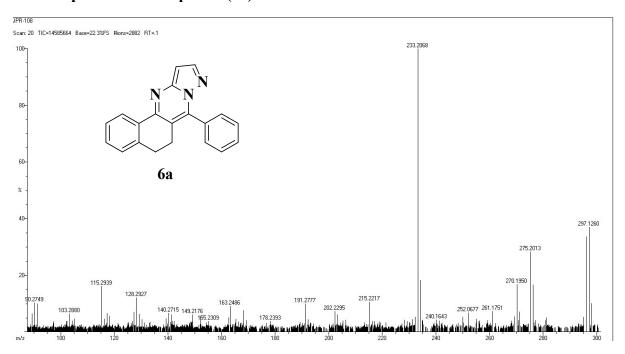
## Expanded<sup>1</sup>H NMR spectrum of compound (6a):



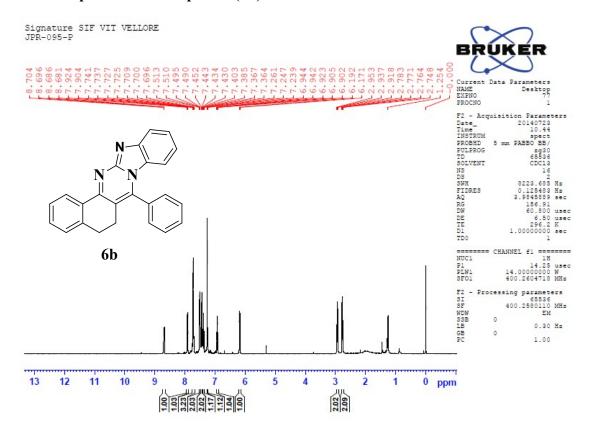
#### <sup>13</sup>C NMR spectrum of compound (6a):



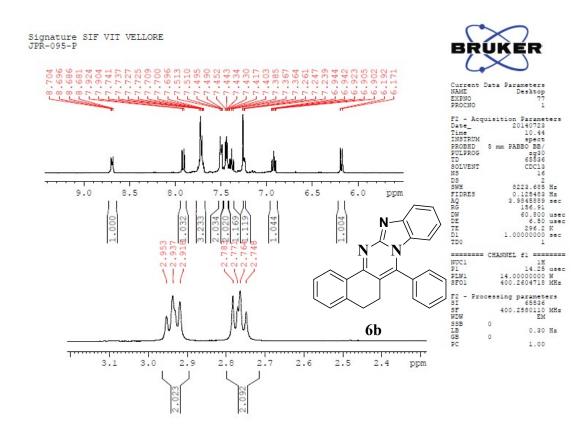
### HRMS spectrum of compound (6a):



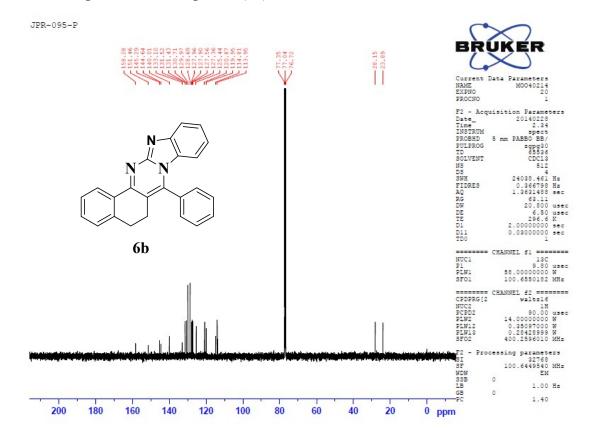
#### <sup>1</sup>H NMR spectrum of compound (6b):



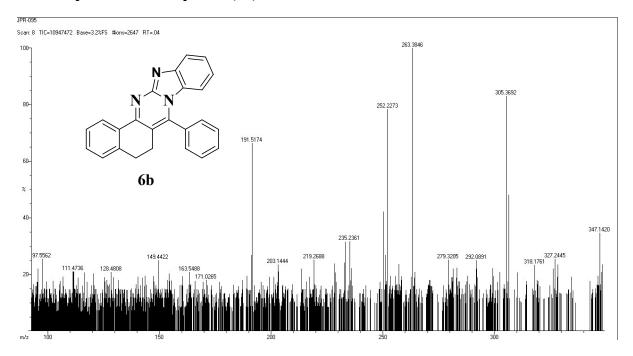
#### Expanded<sup>1</sup>H NMR spectrum of compound (6b):



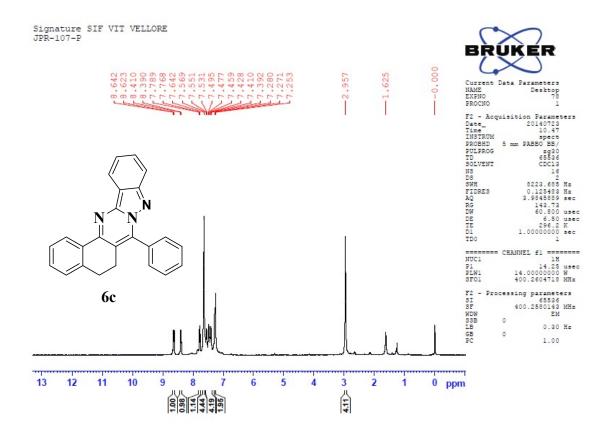
#### <sup>13</sup>C NMR spectrum of compound (6b):

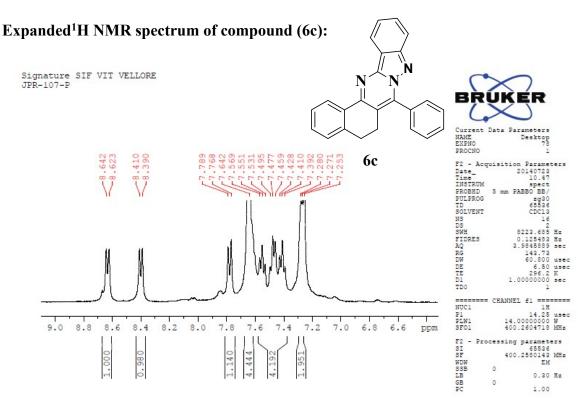


#### HRMS spectrum of compound (6b):

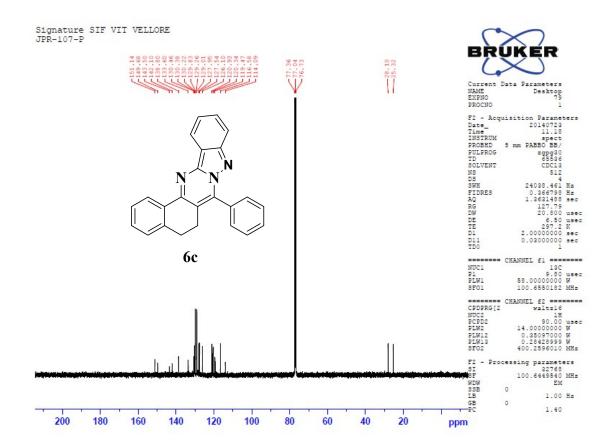


#### <sup>1</sup>H NMR spectrum of compound (6c):

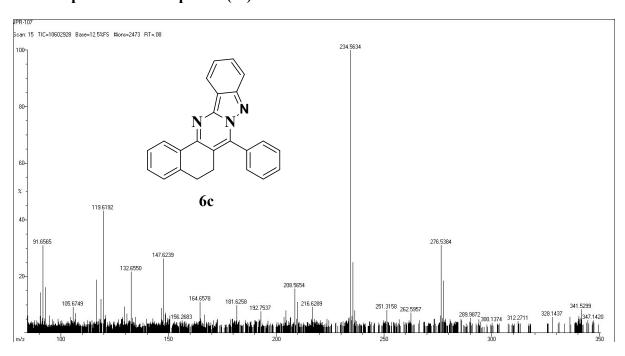




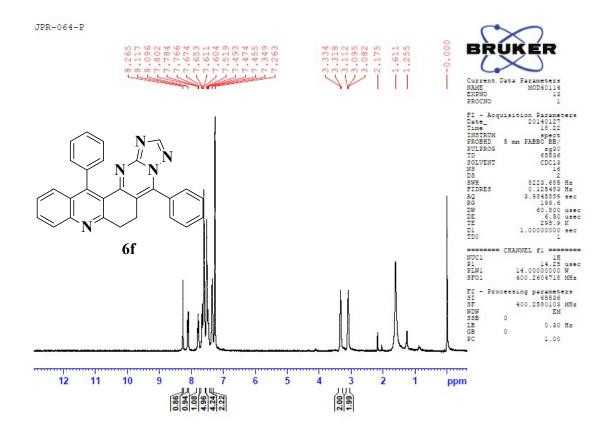
#### <sup>13</sup>C NMR spectrum of compound (6c):



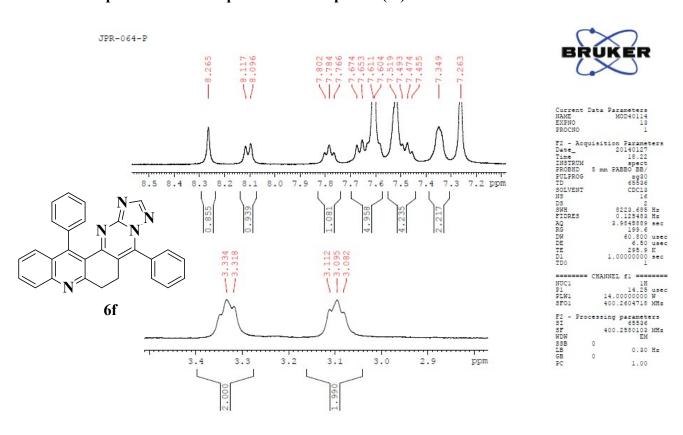
## HRMS spectrum of compound (6c):



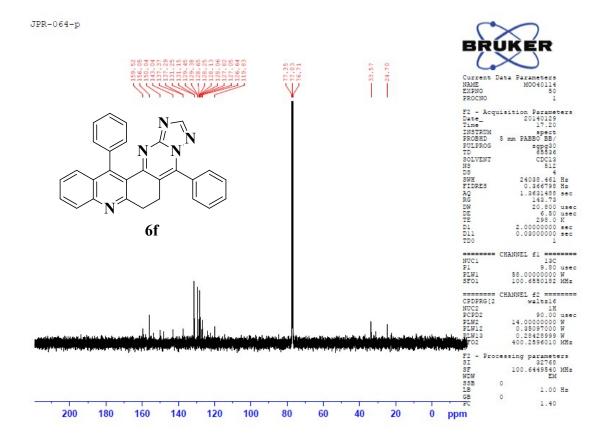
#### <sup>1</sup>H NMR spectrum of compound (6f):



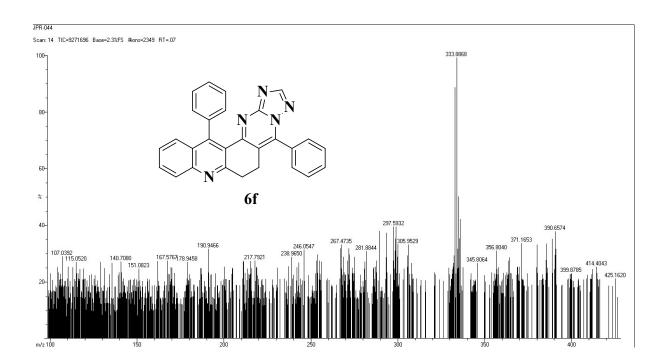
#### Expanded<sup>1</sup>H NMR spectrum of compound (6f):



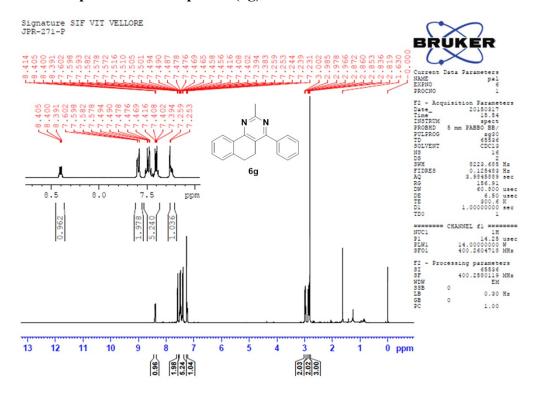
#### <sup>13</sup>C NMR spectrum of compound (6f):



#### HRMS spectrum of compound (6f):



#### <sup>1</sup>H NMR spectrum of compound (6g):



### <sup>13</sup>C NMR spectrum of compound (6g):

