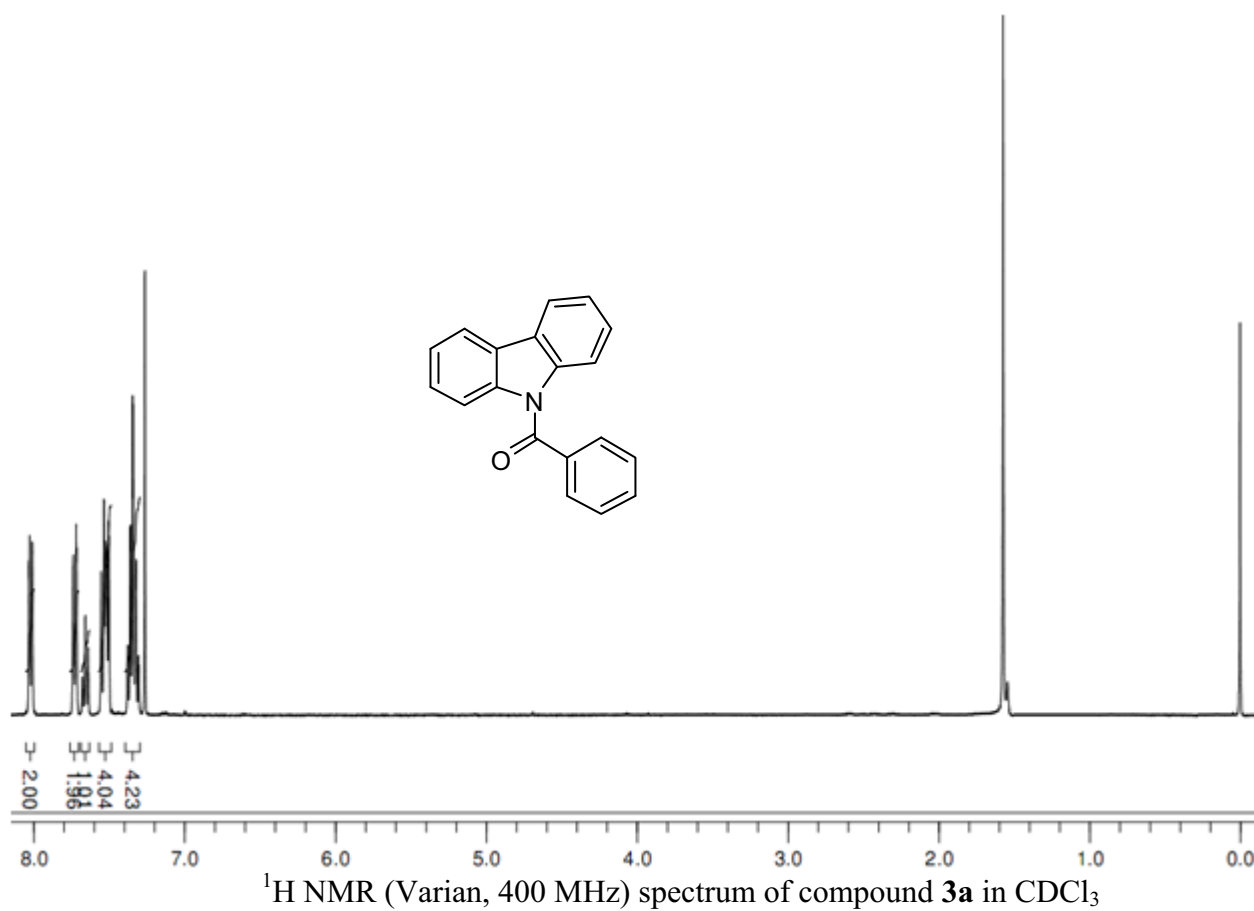
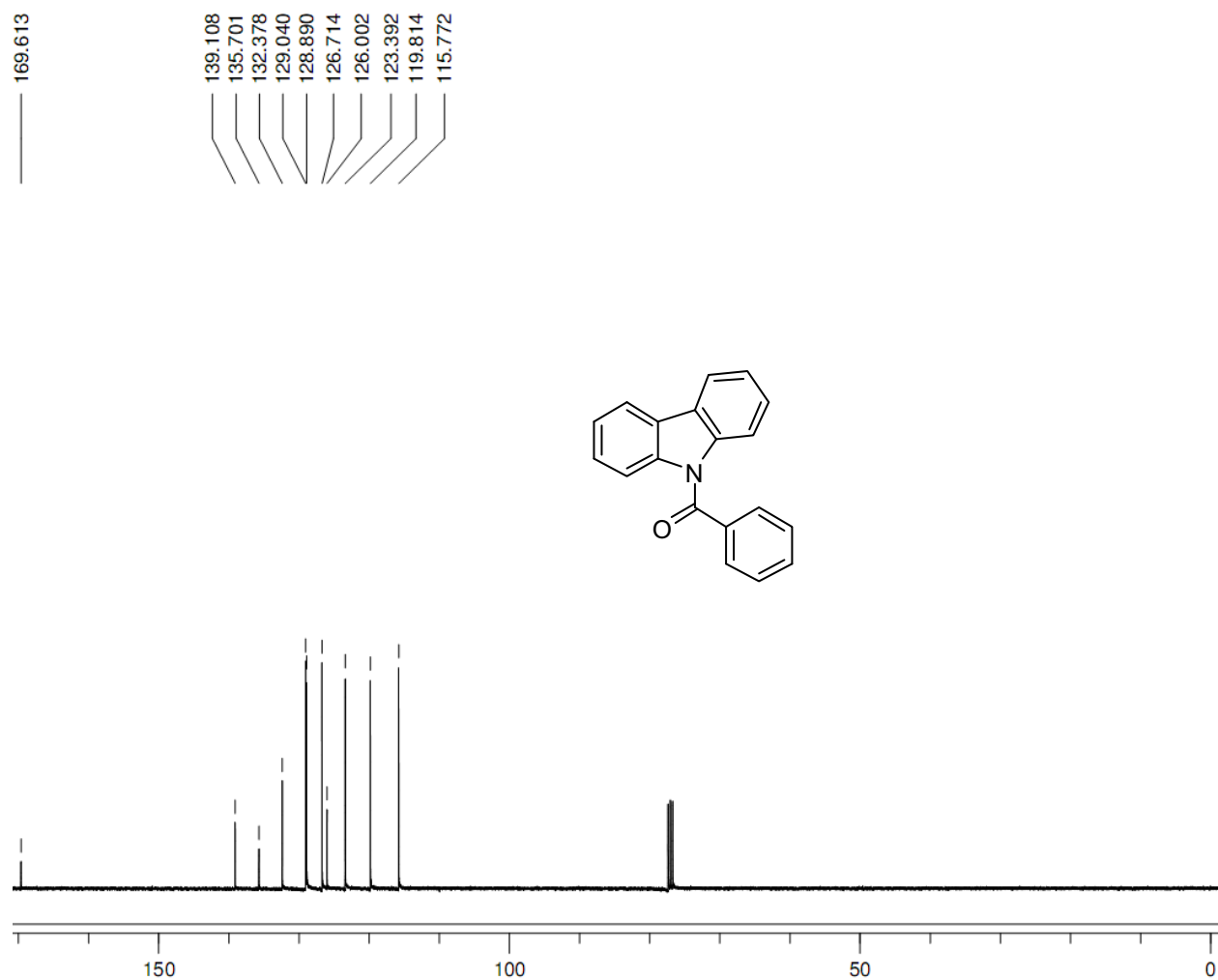


Copies of spectra

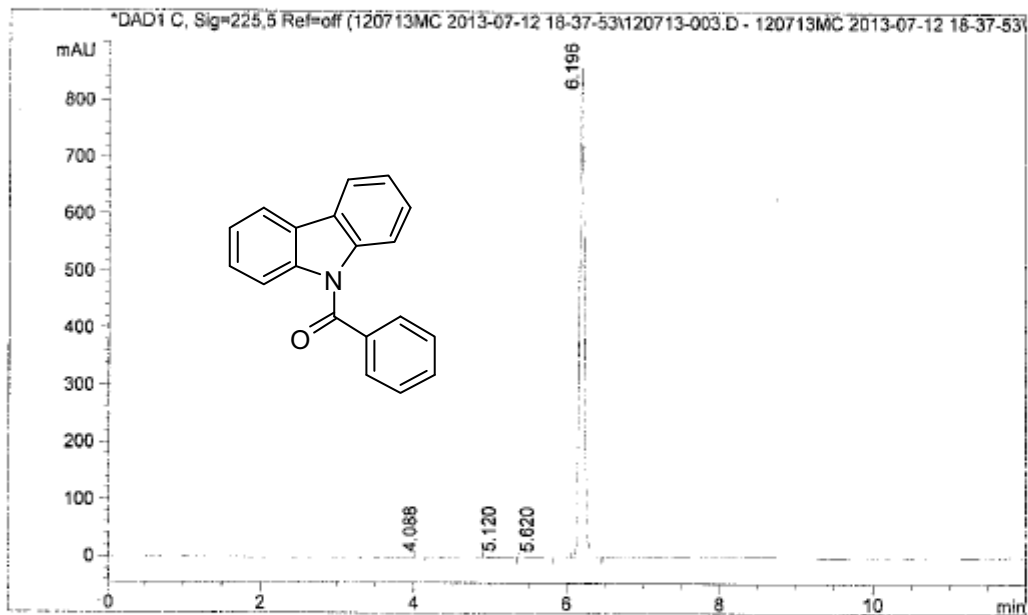




^{13}C NMR spectrum (Varian, 100 MHz) of compound **3a** in CDCl_3

COSMIC DISCOVERIES @ ILS
HPLC ANALYSIS REPORT

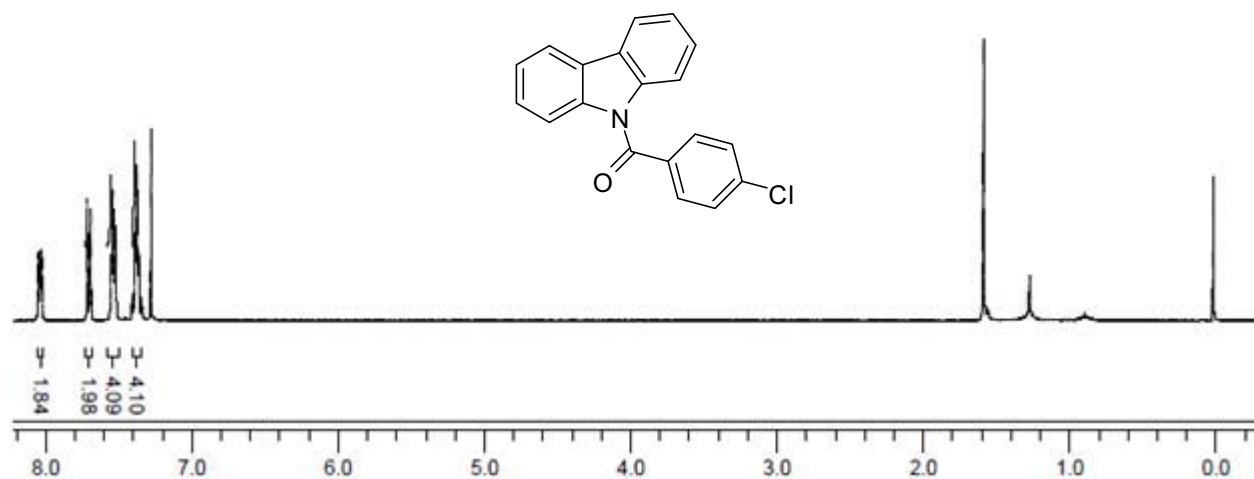
Injection Date : Fri, 12. Jul. 2013 Seq Line : 3
Sample Name : ILS/KSM/1-14 Location : Vial 43
Acq Operator : RADHA Inj. No. : 1
Acq. Method : D:\chem32\1\DATA\120713MC 2013-07-12 18-37-53\C-18 -> Inj. Vol. : 1 µl
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M
Method Info : Column : Symmetry C-18 75*4.6mm,3.5µm
Mobile phase: A) 0.1% HCOOH in Water , B) ACN (gradient)
T/B%:0/50,1.0/50,6/98,10/98,10.5/50,12/50
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)



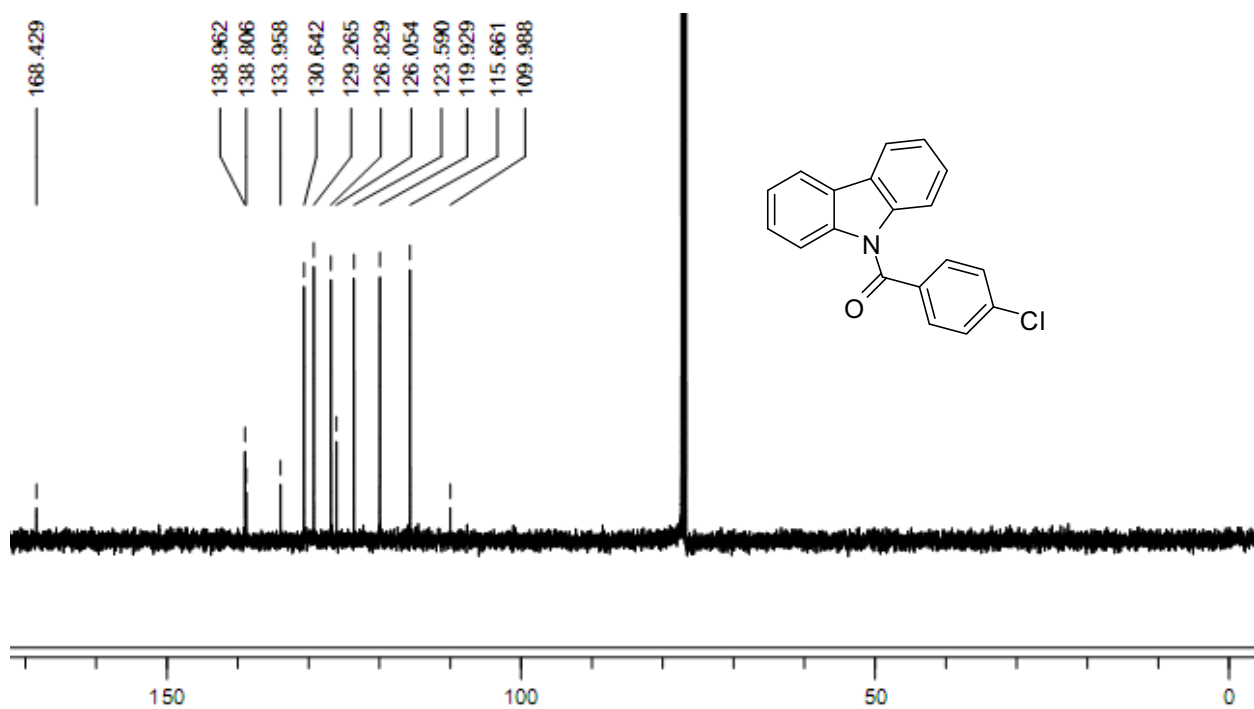
Signal 1: DAD1 C, Sig=225,5 Ref=off

Peak #	RT [min]	Area	Area %
1	4.088	1.172	0.032
2	5.120	7.828	0.214
3	5.620	4.588	0.126
4	6.196	3641.971	99.628

*** End of Report ***



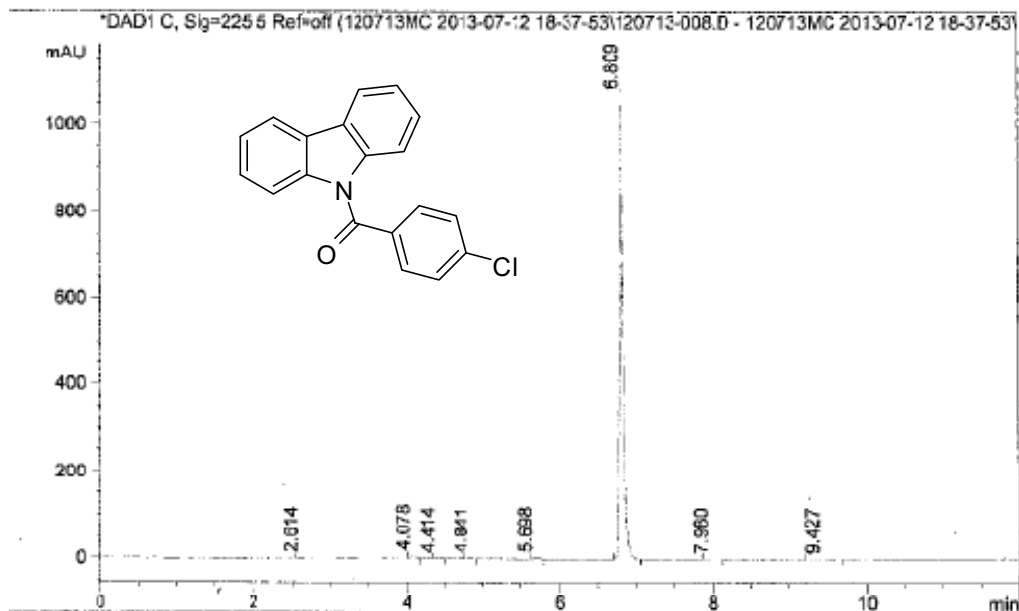
^1H NMR (Varian, 400 MHz) spectrum of compound **3b** in CDCl_3



^{13}C NMR spectrum (Varian, 100 MHz) of compound **3b** in CDCl_3

COSMIC DISCOVERIES @ ILS
HPLC ANALYSIS REPORT

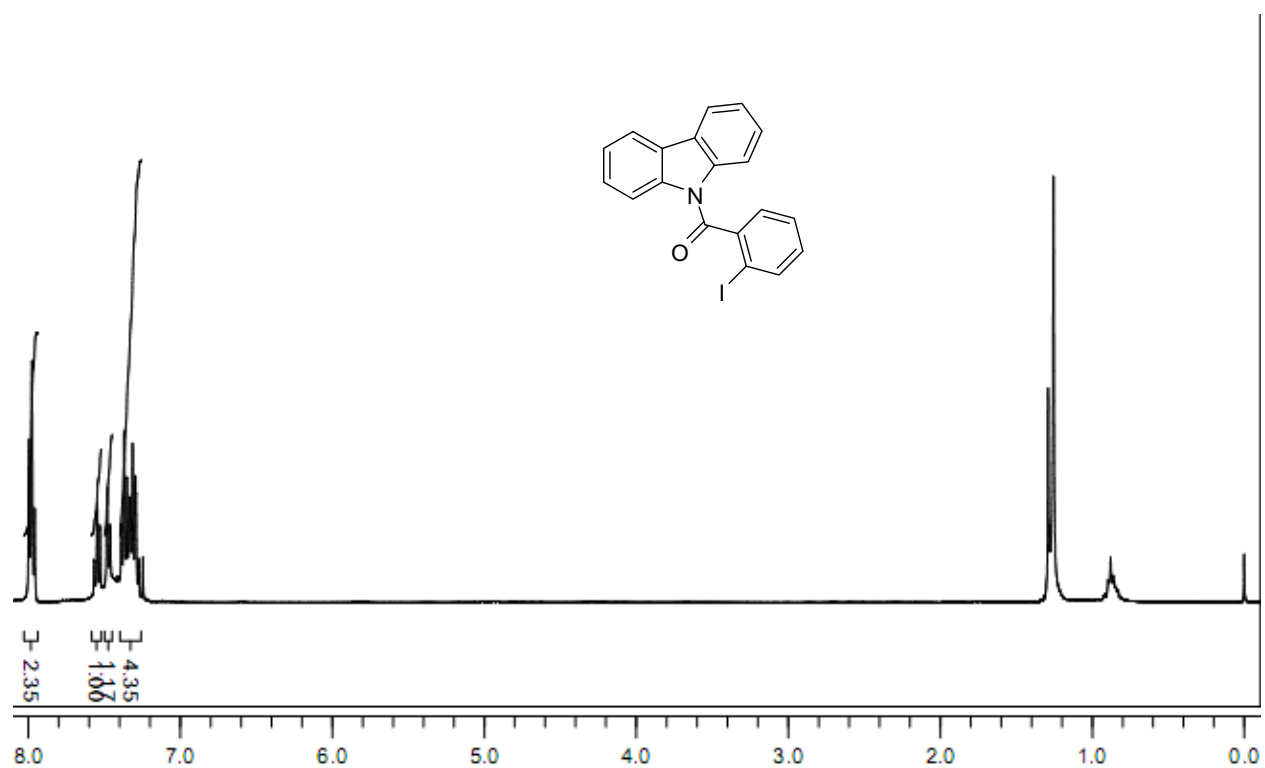
Injection Date : Fri, 12. Jul. 2013
Sample Name : ILS/KSM/1-23
Acq Operator : RADHA
Acq. Method : D:\chem32\1\DATA\120713MC 2013-07-12 18-37-53\C-18 ->
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GN.M
Method Info : Column : Symmetry C-18 75*4.6mm,3.5µm
Mobile phase: A) 0.1% HCOOH in Water , B) ACN (gradient)
T/B: 0/50, 1.0/50, 6/98, 10/98, 10.5/50, 12/50
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)



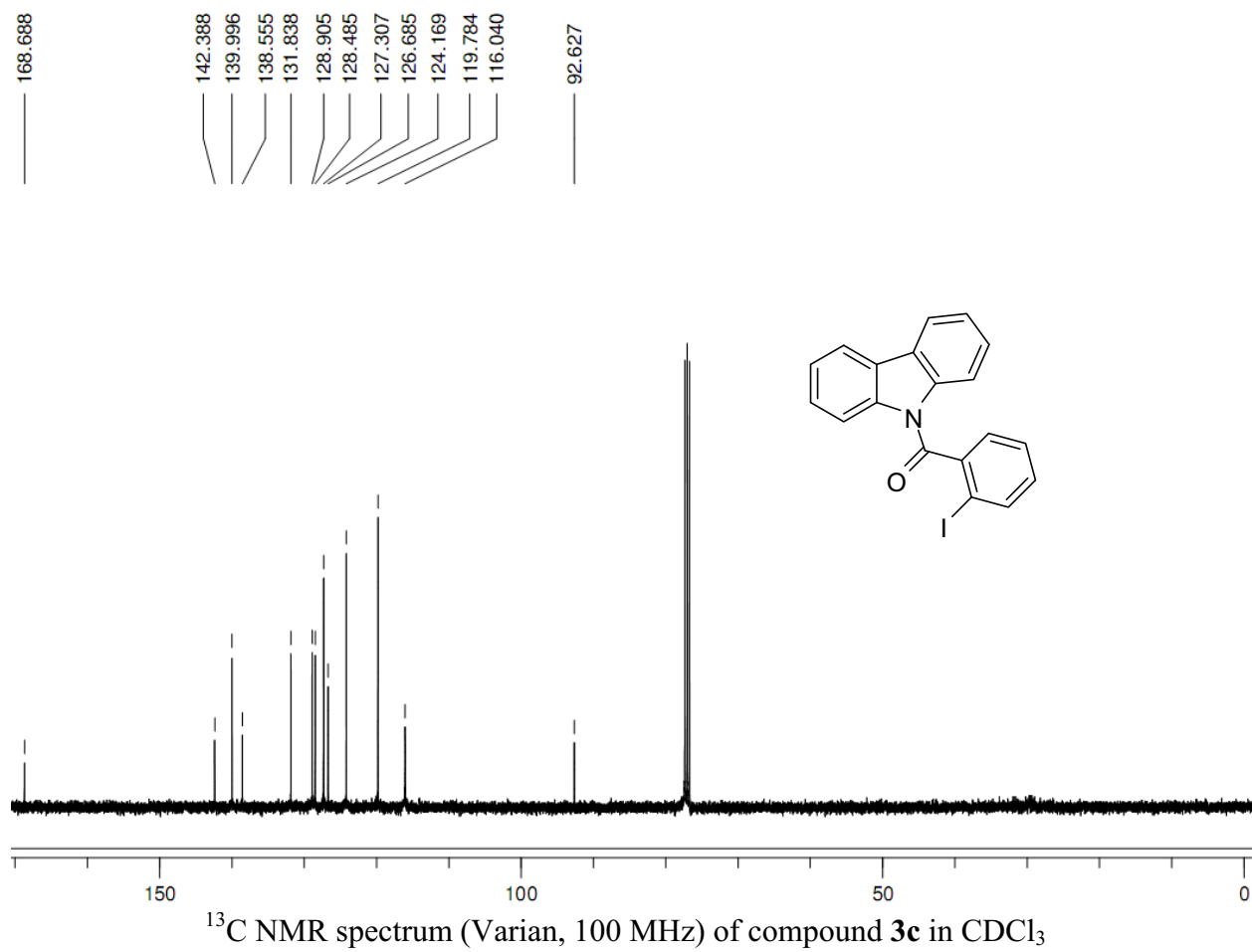
Signal 1: DAD1 C, Sig=225.5 Ref-off

Peak #	RT [min]	Area	Area %
1	2.614	1.418	0.090
2	4.078	29.820	0.608
3	4.414	1.640	0.033
4	4.841	3.513	0.072
5	5.698	3.579	0.175
6	6.809	4843.289	98.775
7	7.980	2.566	0.052
8	9.427	3.548	0.195

*** End of Report ***

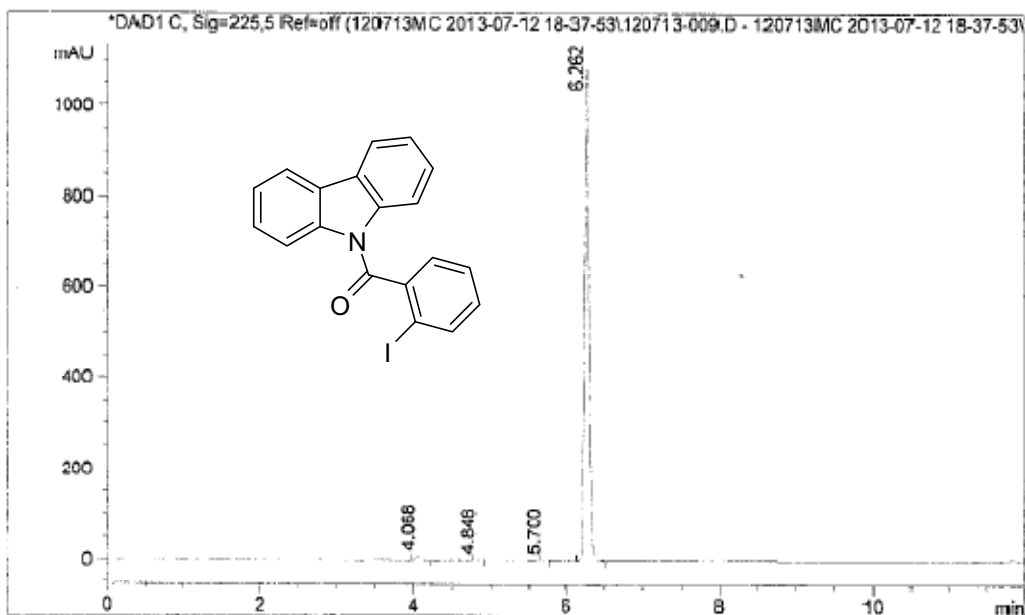


^1H NMR (Varian, 400 MHz) spectrum of compound **3c** in CDCl_3 + rotamers



COSMIC DISCOVERIES @ ILS
HPLC ANALYSIS REPORT

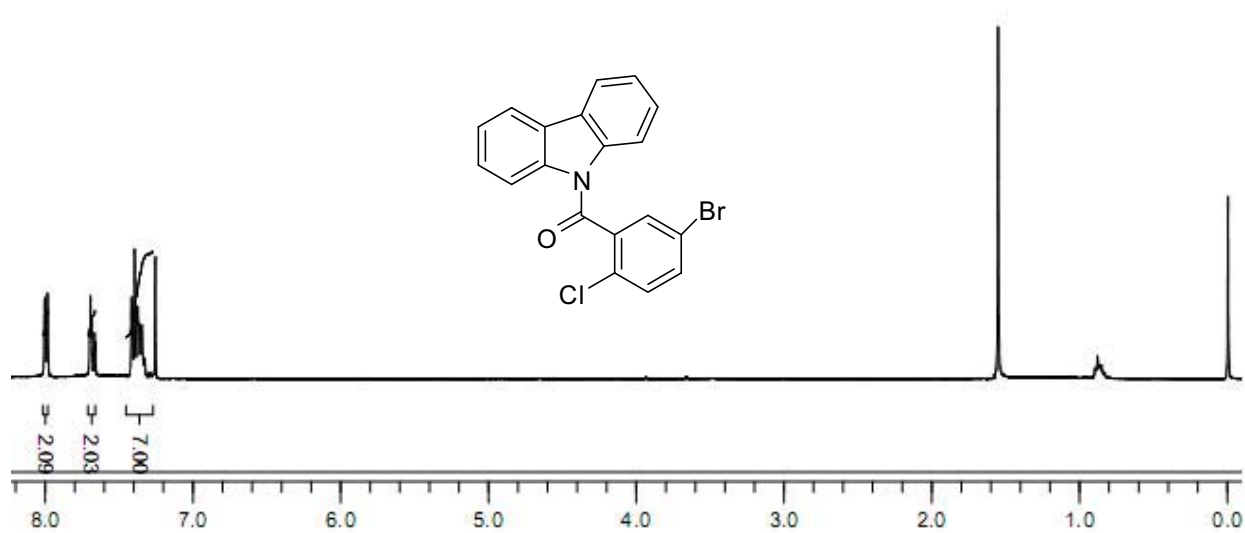
Injection Date : Fri, 12. Jul. 2013	Seq Line : 9
Sample Name : ILS/KSM/1-30	Location : Vial 49
Acq Operator : RADHA	Inj. No. : 1
Acq. Method : D:\chem32\1\DATA\120713MC 2013-07-12 18-37-53\C-18 ->	Inj. Vol. : 1 µl
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M	
Method Info : Column : Symmetry C-18 75*4.6mm, 3.5µm	
Mobile phase: A) 0.1% HCOOH in Water , B) ACN (gradient)	
T/B%:0/50,1.0/50,6/98,10/98,10.5/50,12/50	
Flow: 1.0 ml/min, Diluent: ACN:Water (90:10)	



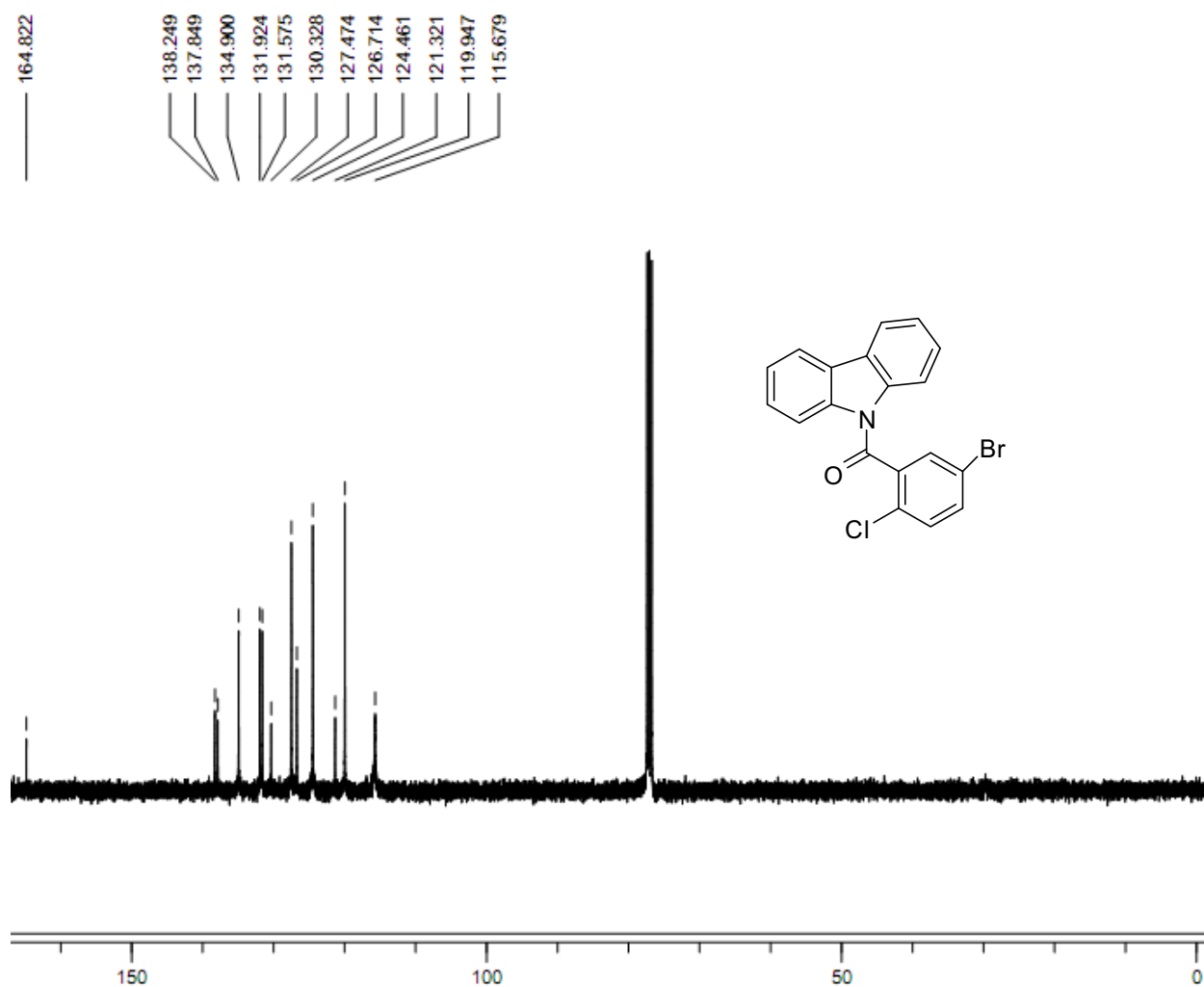
Signal 1: DAD1 C, Sig=225,5 Ref=off

Peak #	RT [min]	Area	Area %
1	4.068	41.496	0.909
2	4.848	1.572	0.034
3	5.700	1.695	0.037
4	6.262	4519.983	99.019

*** End of Report ***



^1H NMR (Varian, 400 MHz) spectrum of compound **3d** in CDCl_3

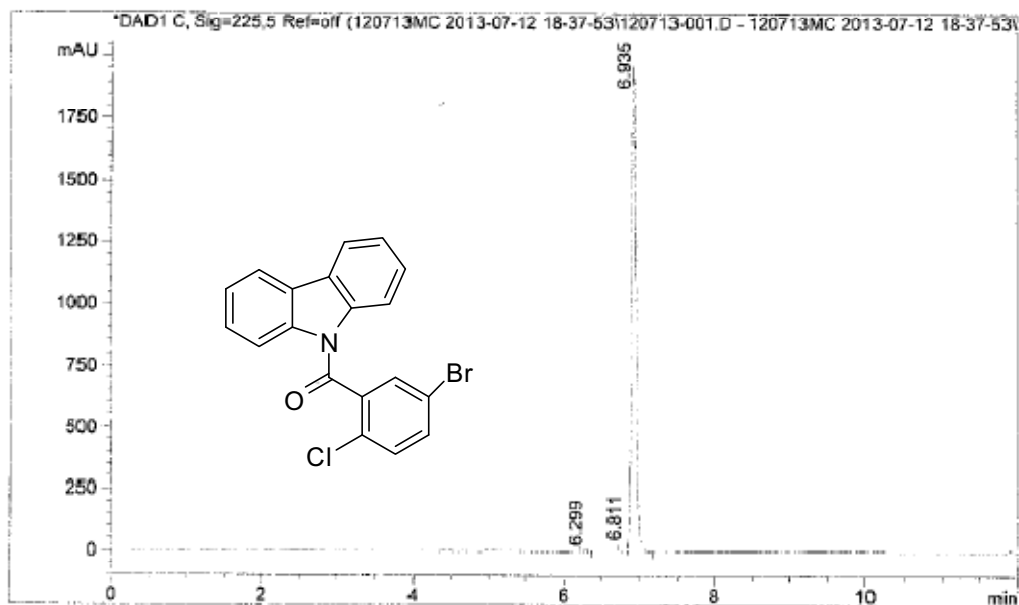


¹³C NMR spectrum (Varian, 100 MHz) of compound **3d** in CDCl₃

COSMIC DISCOVERIES @ ILS
HPLC ANALYSIS REPORT

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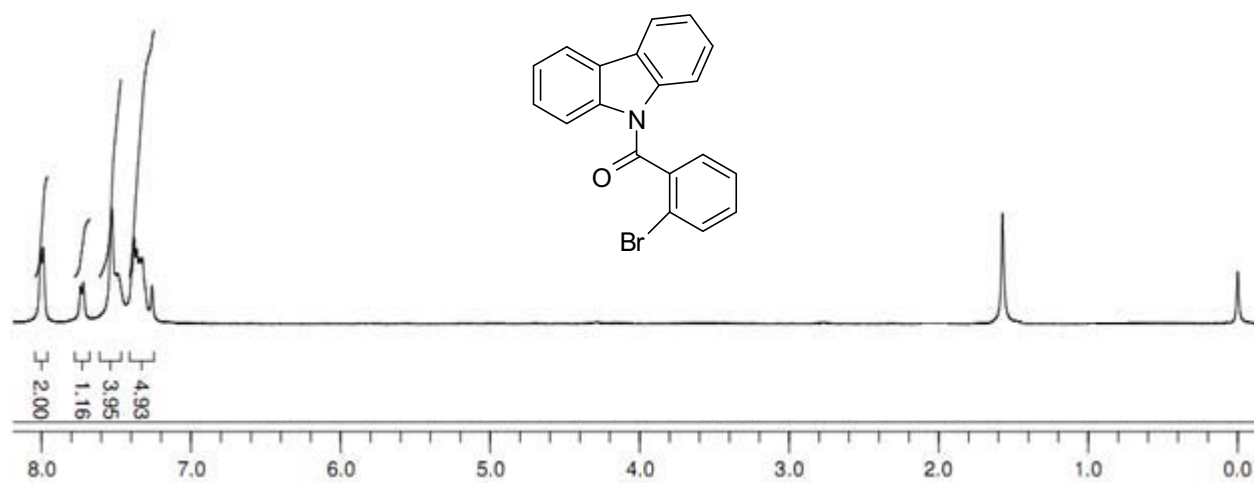
Injection Date   : Fri, 12. Jul. 2013      Seq Line    :          1
Sample Name      : ILS/KSM/1-31            Location      :        Vial 41
Acq Operator     : RADHA                    Inj. No.      :          1
Acq. Method      : D:\chem32\1\DATA\120713MC 2013-07-12 18-37-53\C-18 -> Inj. Vol.     :         1 µl
Analysis Method   : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M
Method Info      : Column : Symmetry C-18 75*4.6mm, 3.5µm
                   Mobile phase: A) 0.1% HCOOH in Water , B) ACN (gradient )
                   T/B%:0/50,1.0/50,6/98,10/98,10.5/50,12/50
                   Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)
  
```



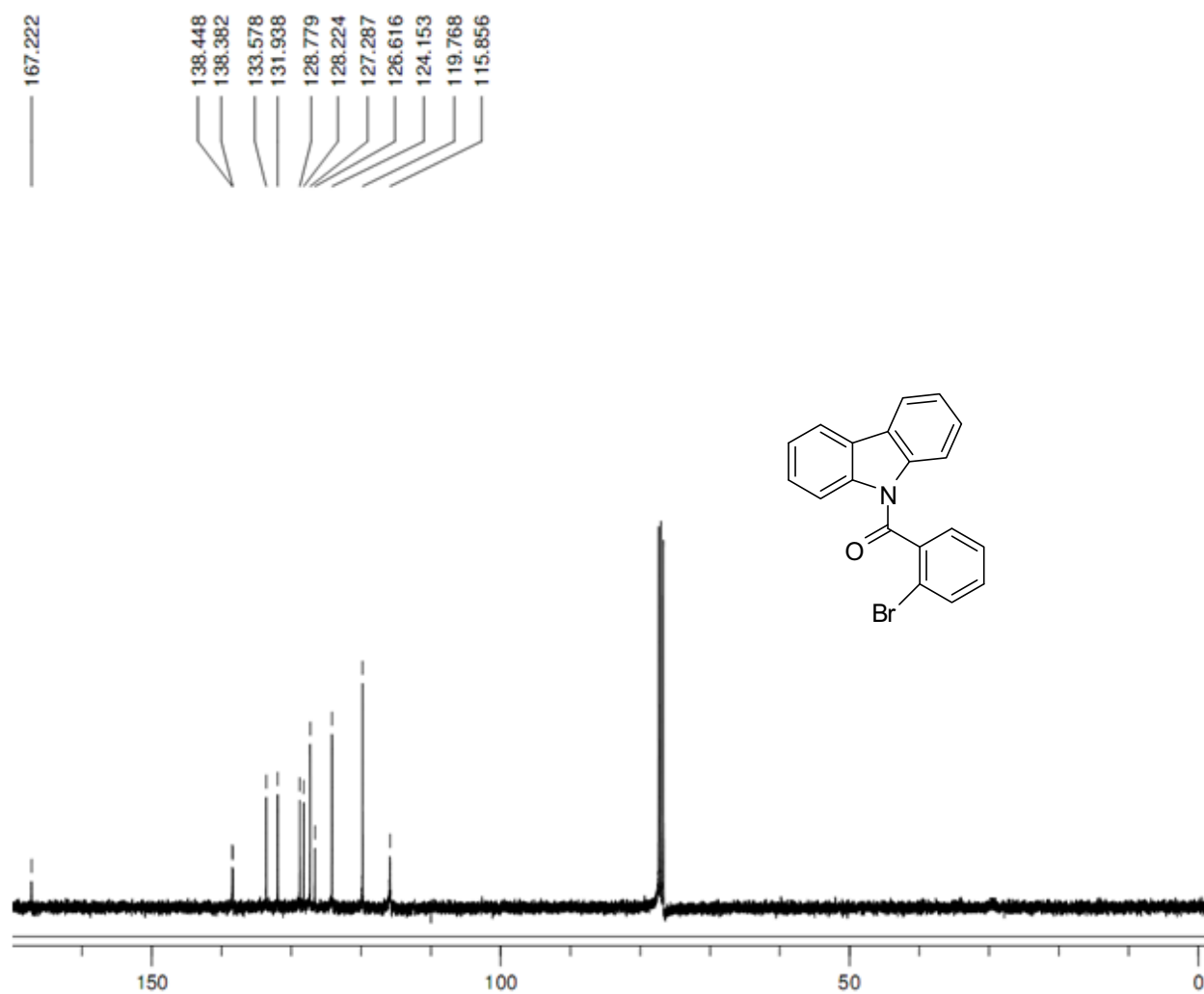
Signal 1: DAD1 C, Sig=225,5 Ref=off

Peak #	RT [min]	Area	Area %
1	6.299	8.997	0.114
2	6.811	83.541	1.058
3	6.935	7800.810	98.828

*** End of Report ***



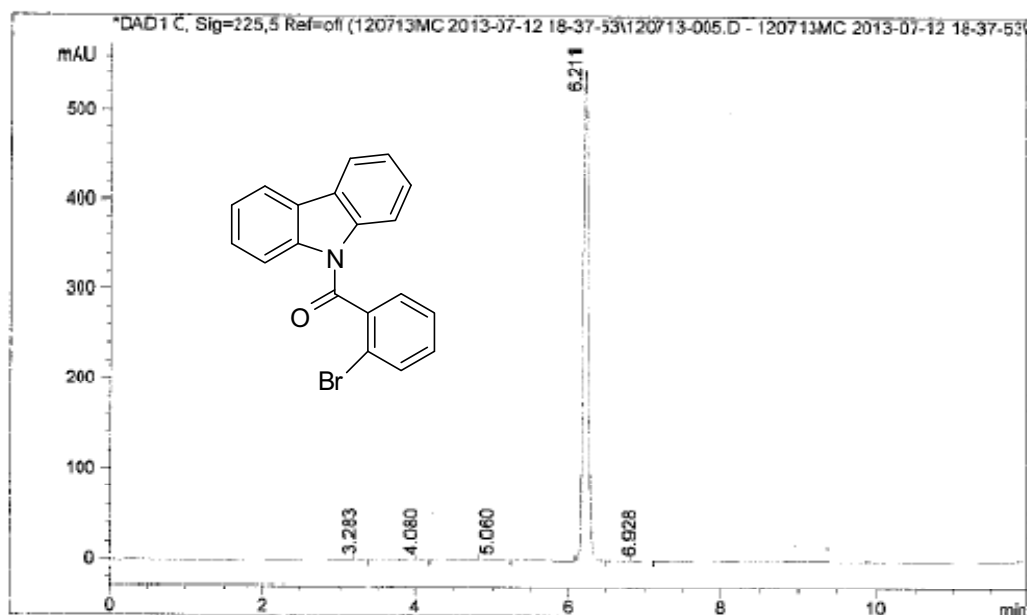
^1H NMR (Varian, 400 MHz) spectrum of compound **3e** in CDCl_3



¹³C NMR spectrum (Varian, 100 MHz) of compound **3e** in CDCl₃

COSMIC DISCOVERIES @ ILS
HPLC ANALYSIS REPORT

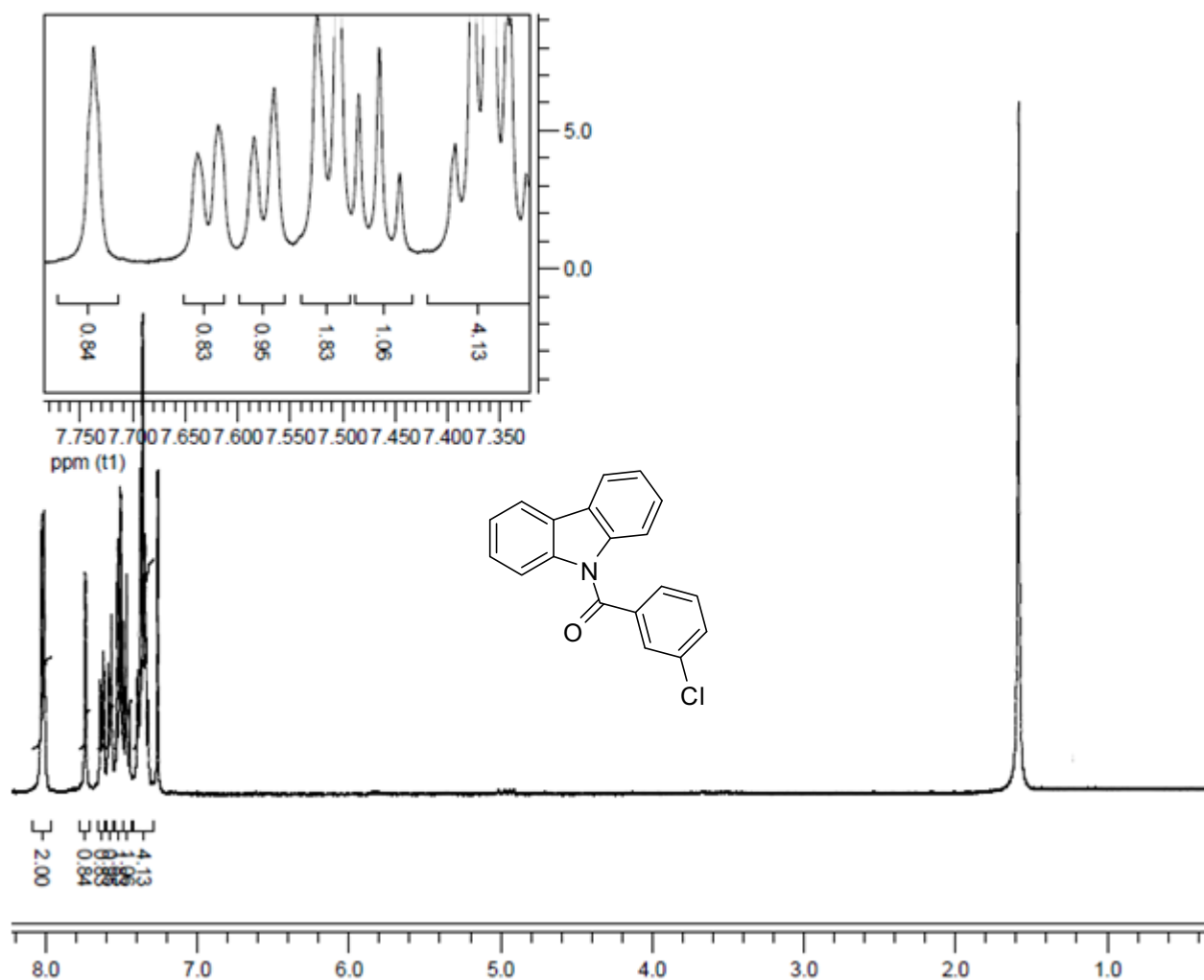
Injection Date : Fri, 12. Jul. 2013 Seq Line : 5
Sample Name : ILS/KSM/1-35 Location : Vial 45
Acq Operator : RADHA Inj. No. : 1
Acq. Method : D:\chem32\1\DATA\120713MC 2013-07-12 18-37-53\C-18 -> Inj. Vol. : 1 µl
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A5CB50-6M.M
Method Info : Column : Symmetry C-18 75*4.6mm, 3.5µm
Mobile phase: A) 0.1% HCOOH in Water , B) ACN (gradient)
T/B: 0/50, 1.0/50, 6/93, 10/98, 10.5/50, 12/50
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)



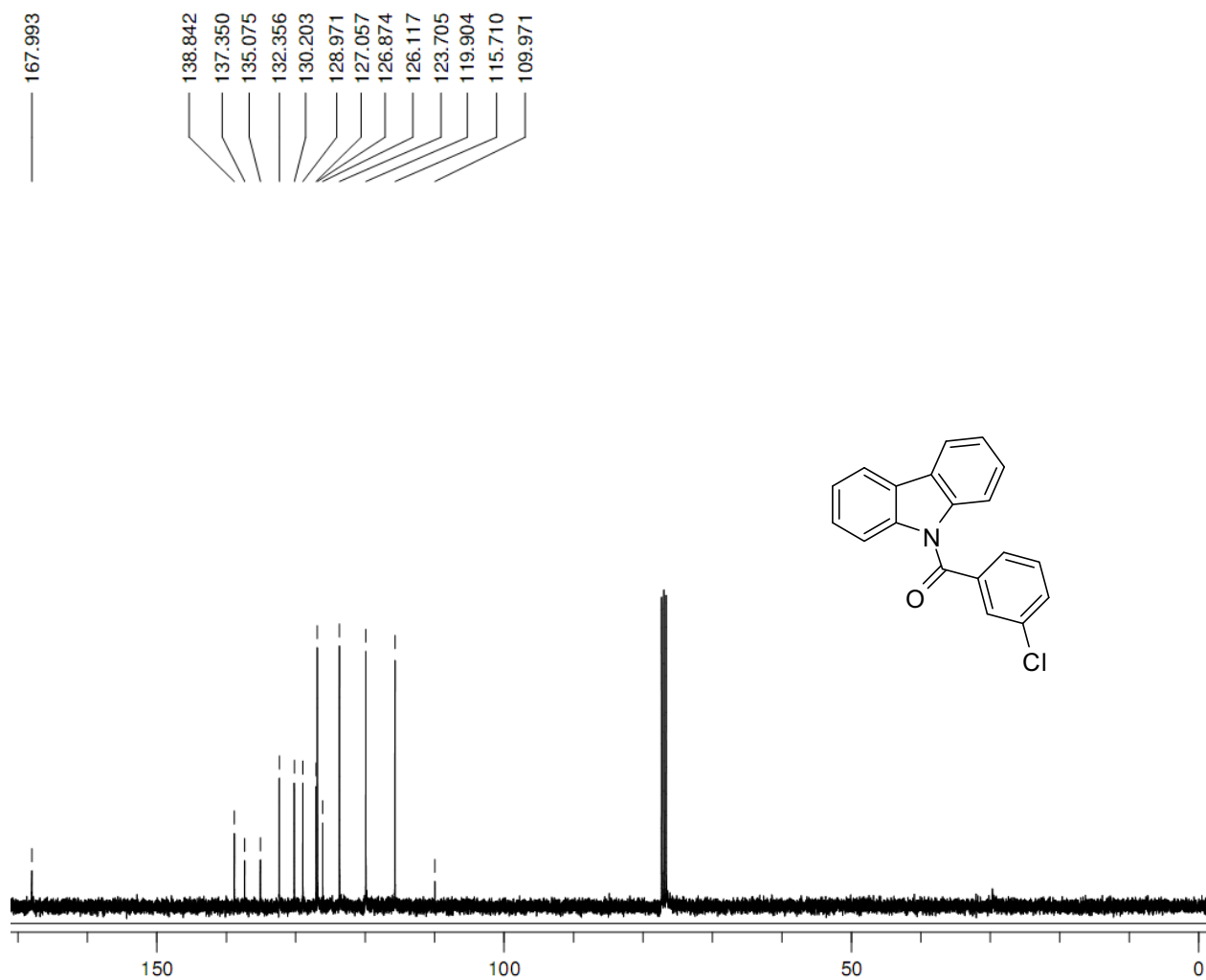
Signal 1: DAD1 C, Sig=225,5 Ref=off

Peak #	RT [min]	Area	Area %
1	3.283	2.314	0.101
2	4.080	1.911	0.083
3	5.060	7.211	0.314
4	6.211	2283.627	99.420
5	6.928	1.885	0.082

*** End of Report ***



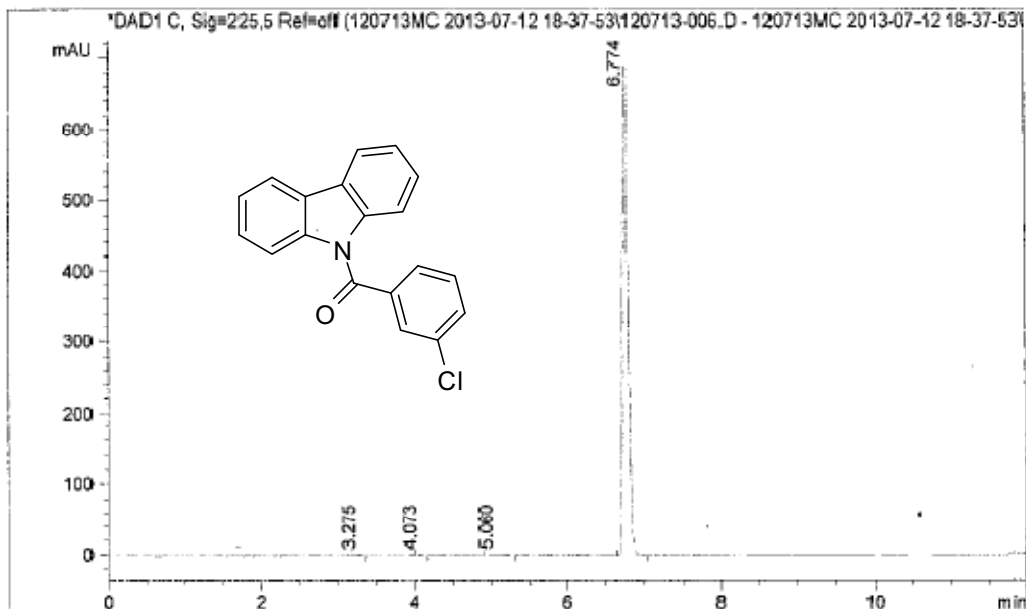
¹H NMR (Varian, 400 MHz) spectrum of compound **3f** in CDCl₃



¹³C NMR spectrum (Varian, 100 MHz) of compound **3f** in CDCl₃

COSMIC DISCOVERIES 8 ILS
HPLC ANALYSIS REPORT

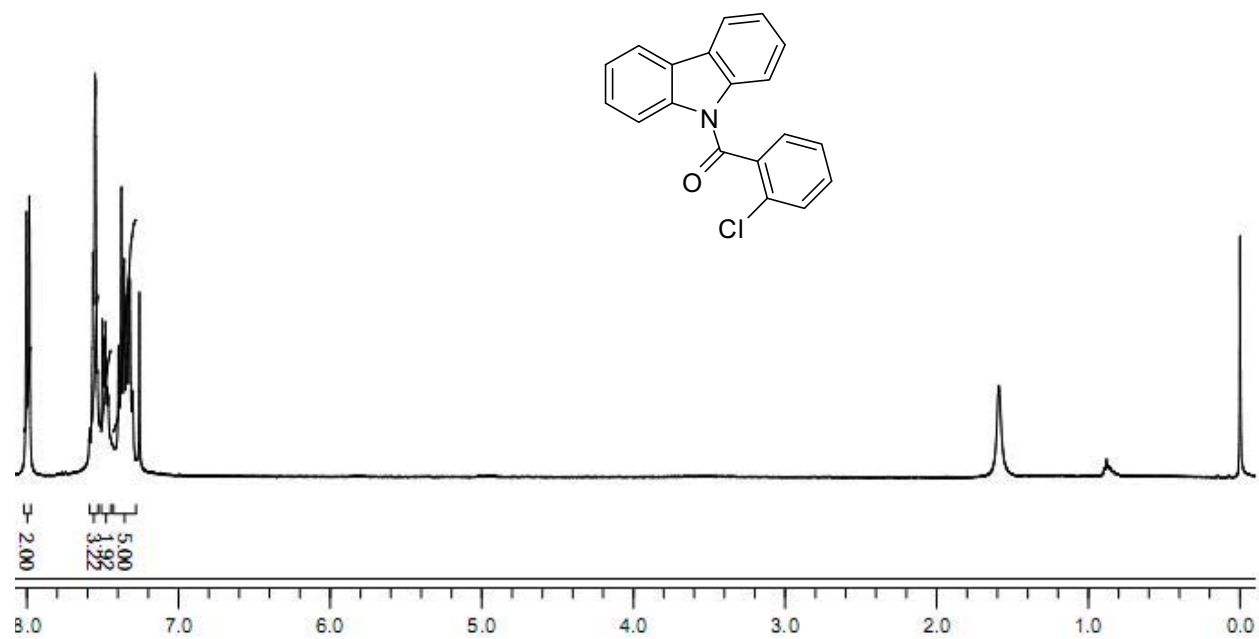
Injection Date : Fri, 12. Jul. 2013 Seq Line : 6
Sample Name : ILS/KSM/1-36 Location : Vial 46
Acq Operator : RADHA Inj. No. : 1
Acq. Method : D:\chem32\1\DATA\120713MC 2013-07-12 18-37-53\C-18 -> Inj. Vol. : 1 µl
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M
Method Info : Column : Symmetry C-18 75*4.6mm, 3.5µm
Mobile phase: A) 0.1% HCOOH in Water , B) ACN (gradient)
T/B%: 0/50, 1.0/50, 6/98, 10/98, 10.5/50, 12/50
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)



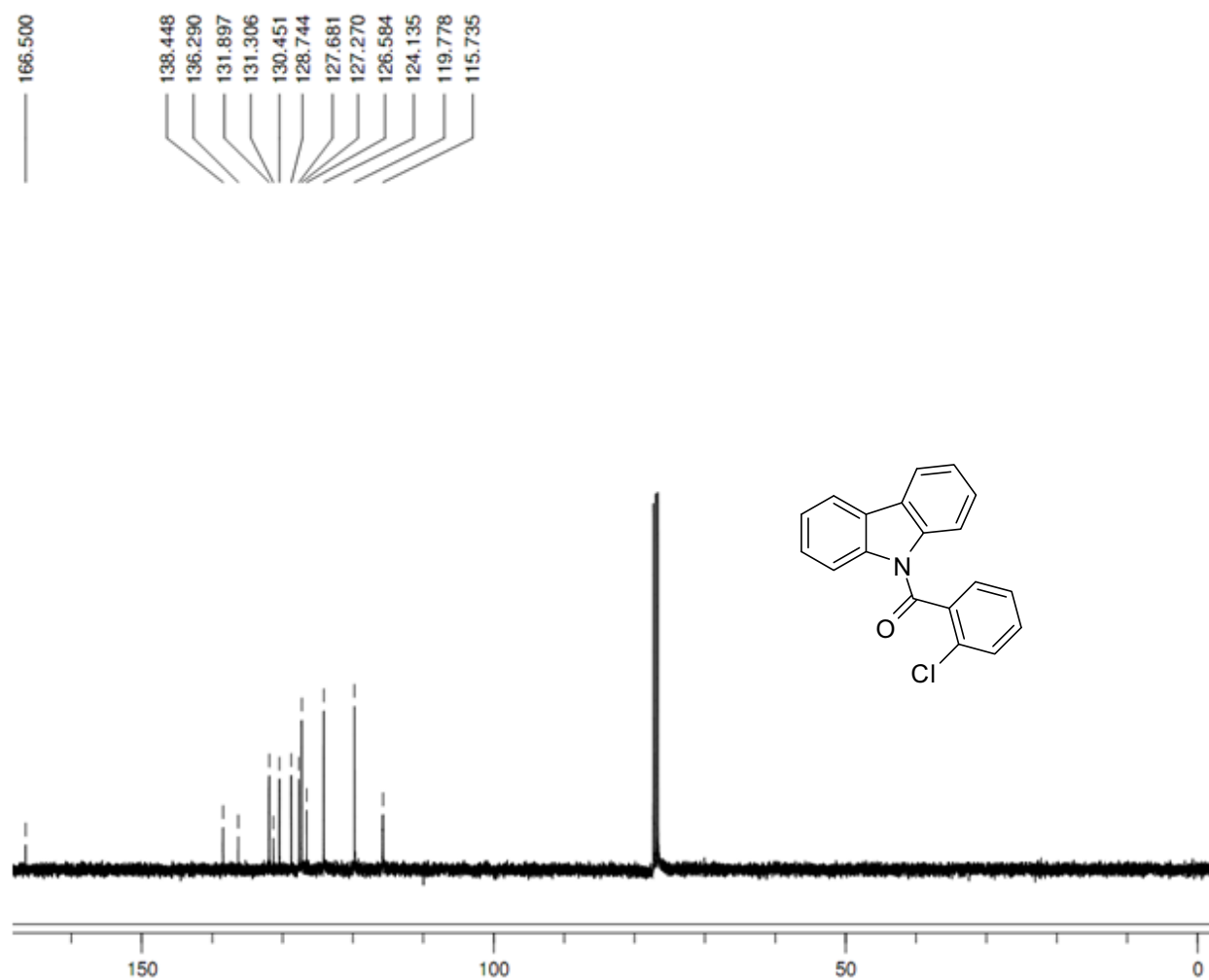
Signal 1: DAD1 C, Sig=225,5 Ref=off

Peak #	RT [min]	Area	Area %
1	3.275	2.465	0.086
2	4.073	2.505	0.088
3	5.060	7.299	0.256
4	6.774	2839.800	99.570

*** End of Report ***



¹H NMR (Varian, 400 MHz) spectrum of compound **3g** in CDCl₃

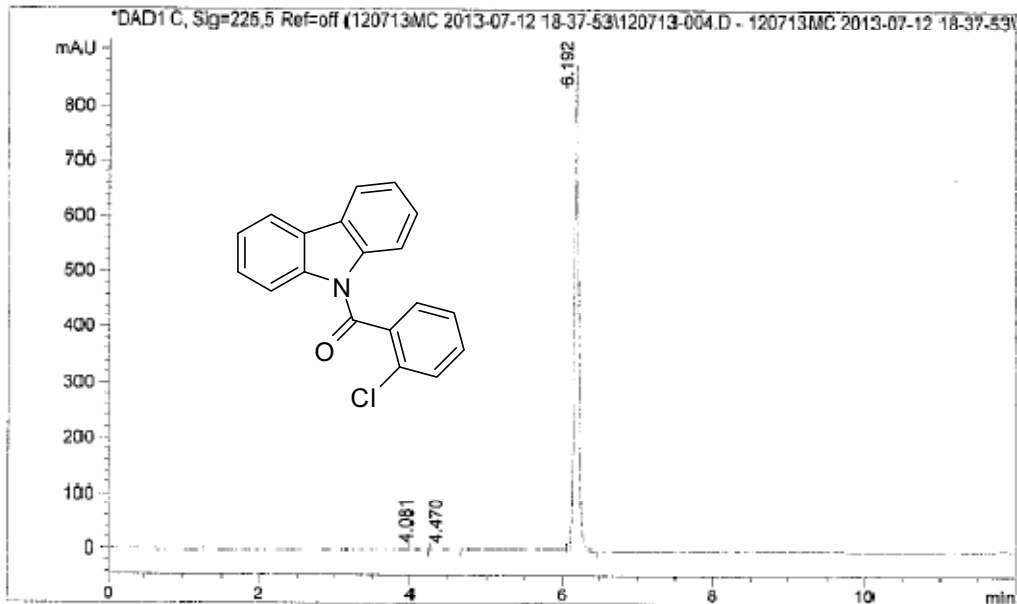


¹³C NMR spectrum (Varian, 100 MHz) of compound **3g** in CDCl₃

COSMIC DISCOVERIES @ ILS
HPLC ANALYSIS REPORT

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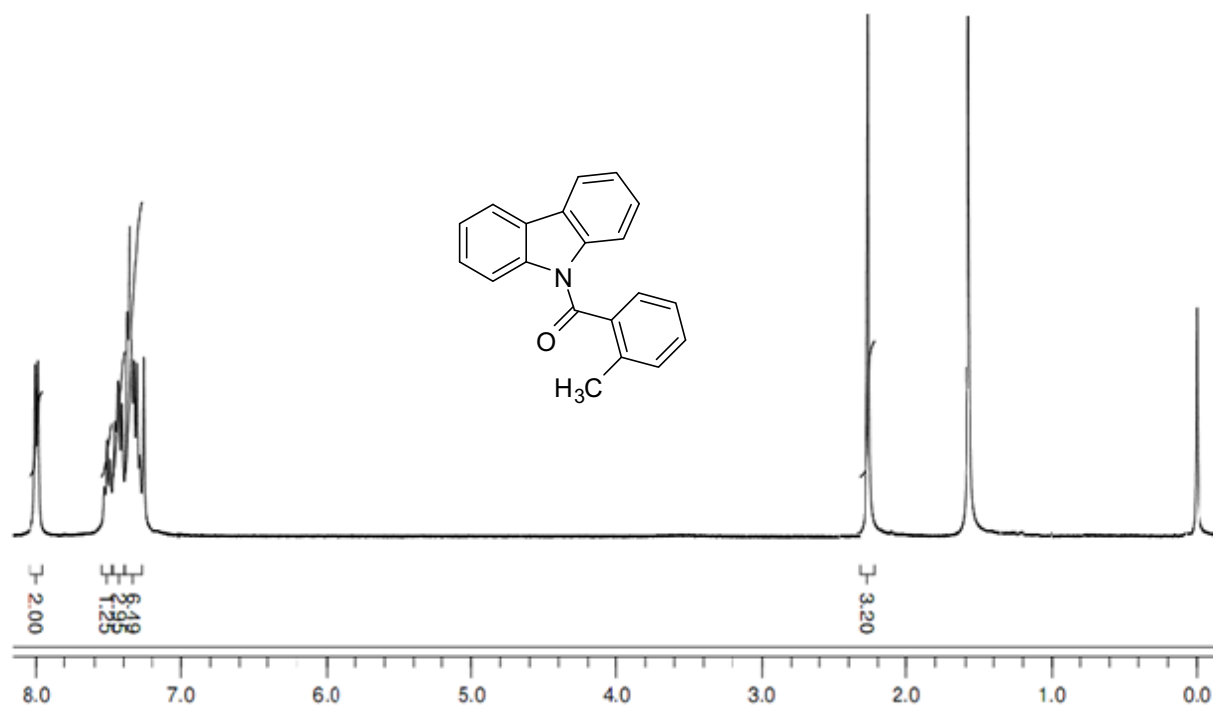
Injection Date   : Fri, 12. Jul. 2013      Seq Line    :          4
Sample Name      : ILS/KSM/1-37            Location     :      Vial 44
Acq Operator     : RADHA                   Inj. No.     :          1
Acq. Method      : D:\chem32\1\DATA\120713MC 2013-07-12 18-37-53\C-18 -> Inj. Vol.    :          1 µl
Analysis Method  : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M
Method Info      : Column : Symmetry C-18 75*4.6mm, 3.5µm
                   Mobile phase: A) 0.1% HCOOH in Water , B) ACN (gradient )
                   T/B%:0/50,1.0/50,6/98,10/98,10.5/50,12/50
                   Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)
  
```



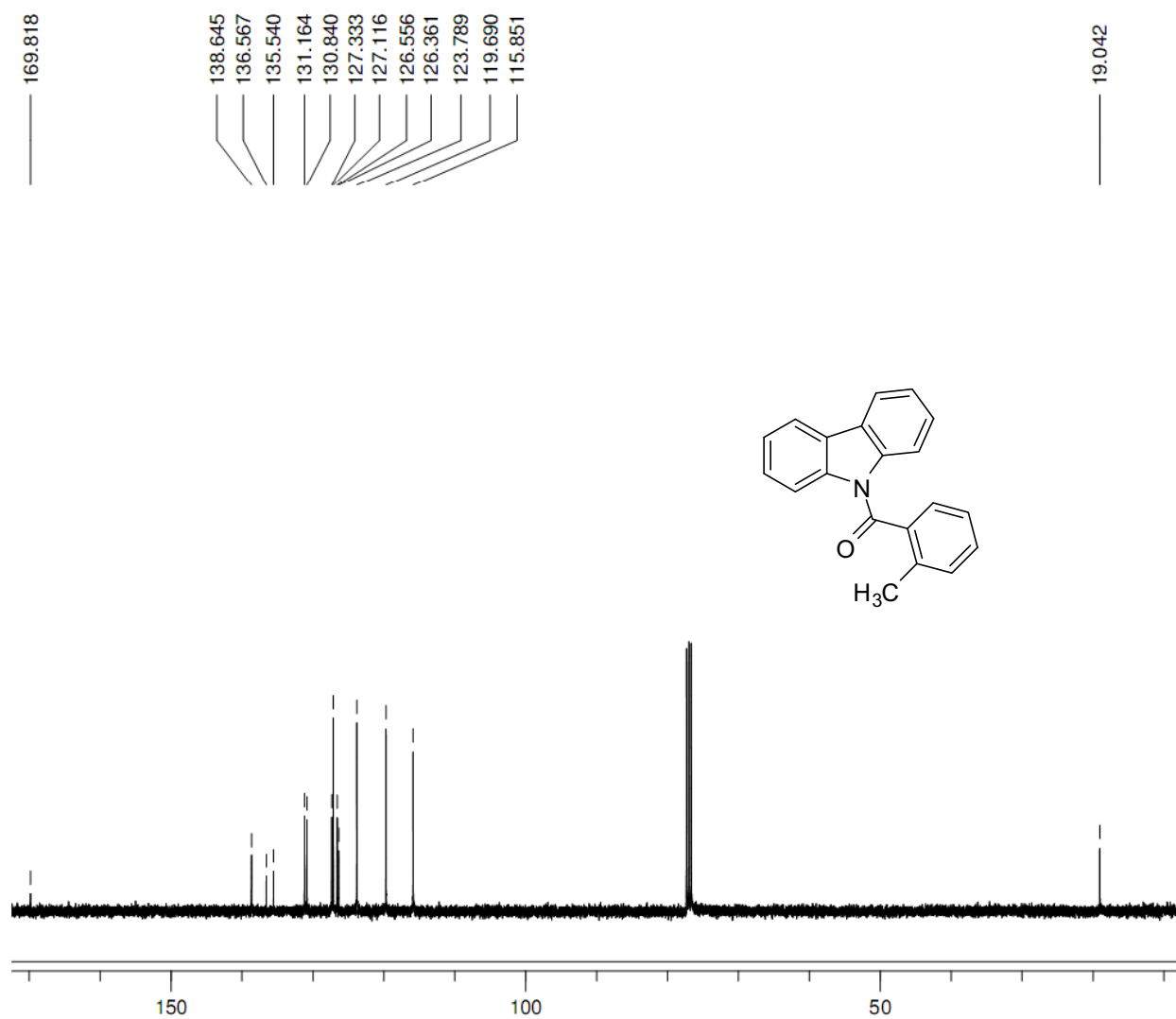
Signal 1: DAD1 C, Sig=225,5 Ref=off

Peak #	RT [min]	Area	Area %
1	4.081	7.251	0.199
2	4.470	5.216	0.143
3	6.192	3639.728	99.659

*** End of Report ***



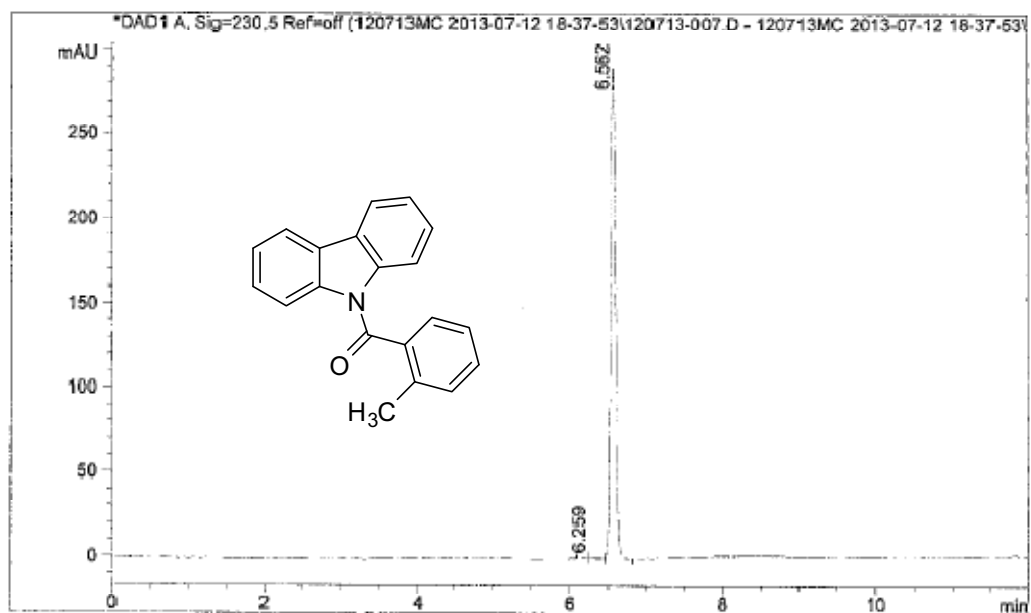
^1H NMR (Varian, 400 MHz) spectrum of compound **3h** in CDCl_3



¹³C NMR spectrum (Varian, 100 MHz) of compound **3h** in CDCl₃

COSMIC DISCOVERIES @ ILS
HPLC ANALYSIS REPORT

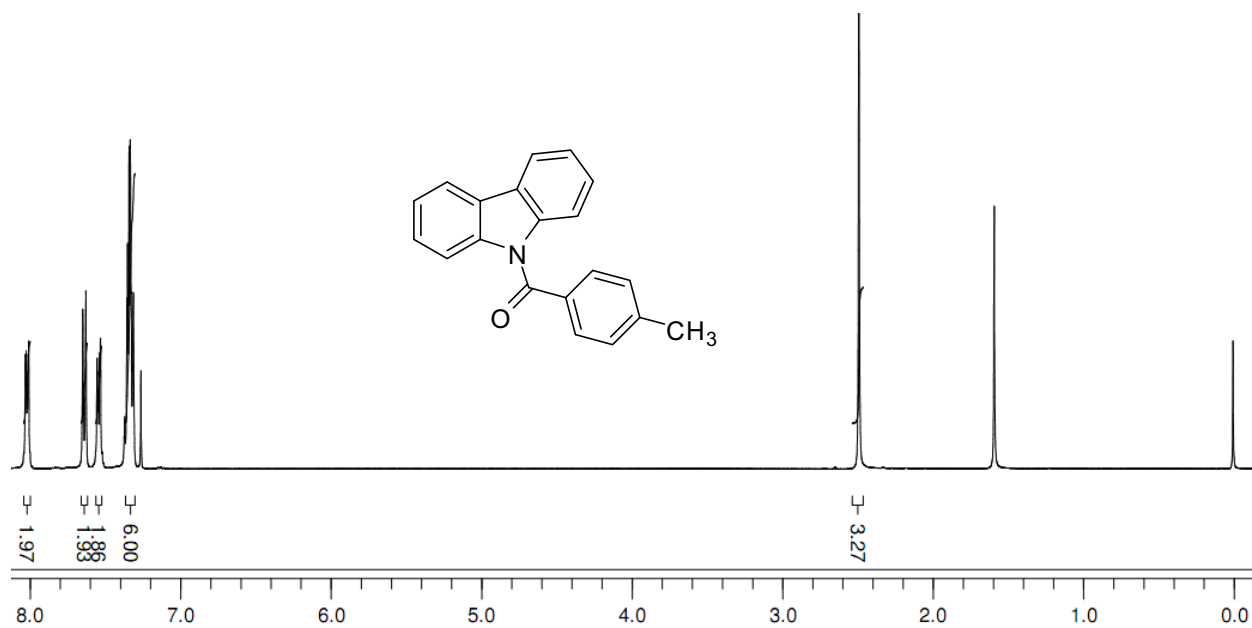
Injection Date : Fri, 12, Jul, 2013 Seq Line : 7
Sample Name : ILS/KSM/1-39 Location : Vial 47
Acq Operator : RADHA Inj. No. : 1
Acq. Method : D:\chem32\1\DATA\120713MC 2013-07-12 18-37-53\C-18 -> Inj. Vol. : 1 µl
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M
Method Info : Column : Symmetry C-18 75*4.6mm,3.5µm
Mobile phase: A) 0.1% HCOOH in Water , B) ACN (gradient)
T/Bs:0/50,1.0/50,6/98,10/98,10.5/50,12/50
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)



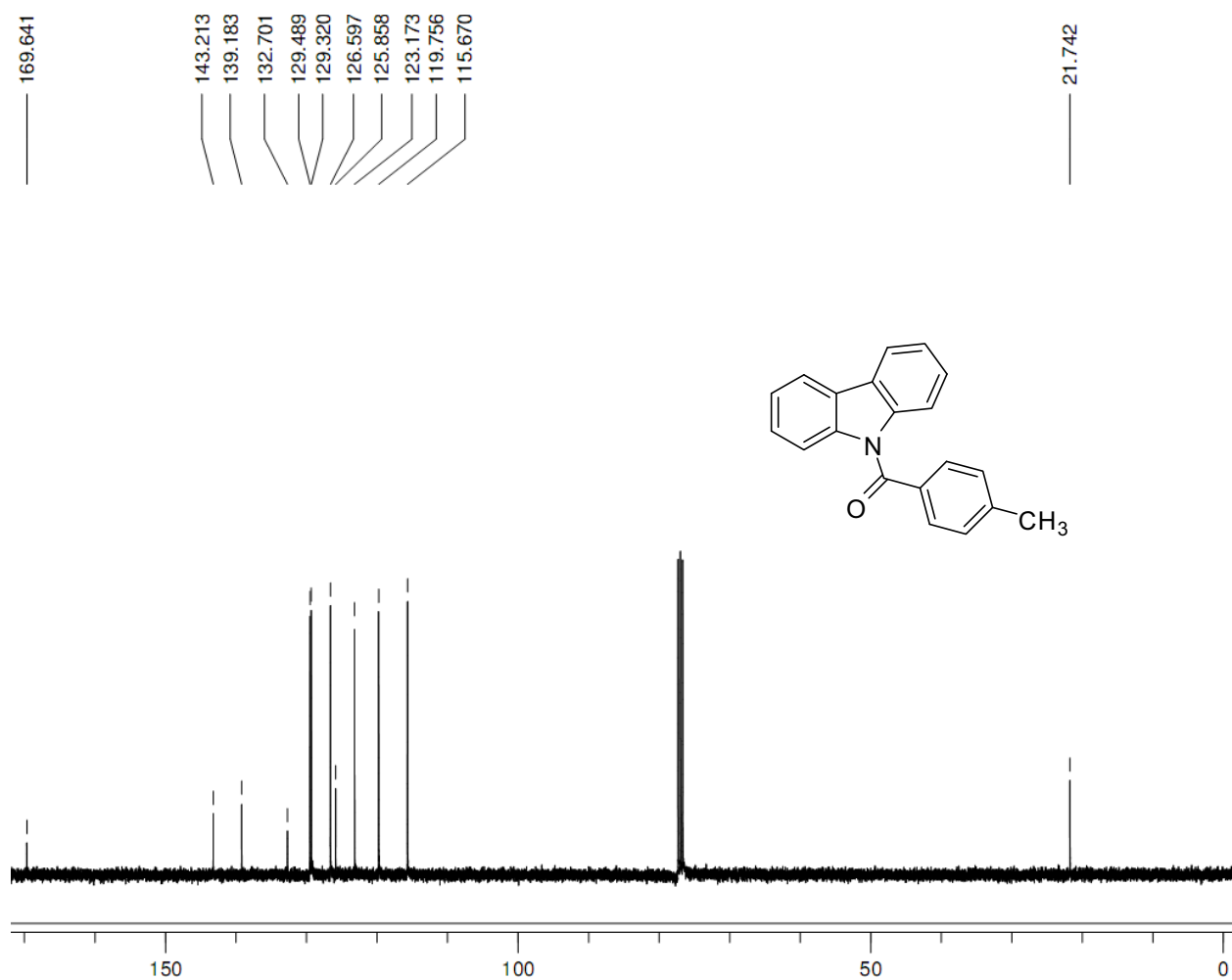
Signal 1: DAD1 A, Sig=230,5 Ref=off

Peak #	RT [min]	Area	Area %
1	6.200	1.738	0.142
2	6.259	1.520	0.124
3	6.562	1217.517	99.733

*** End of Report ***



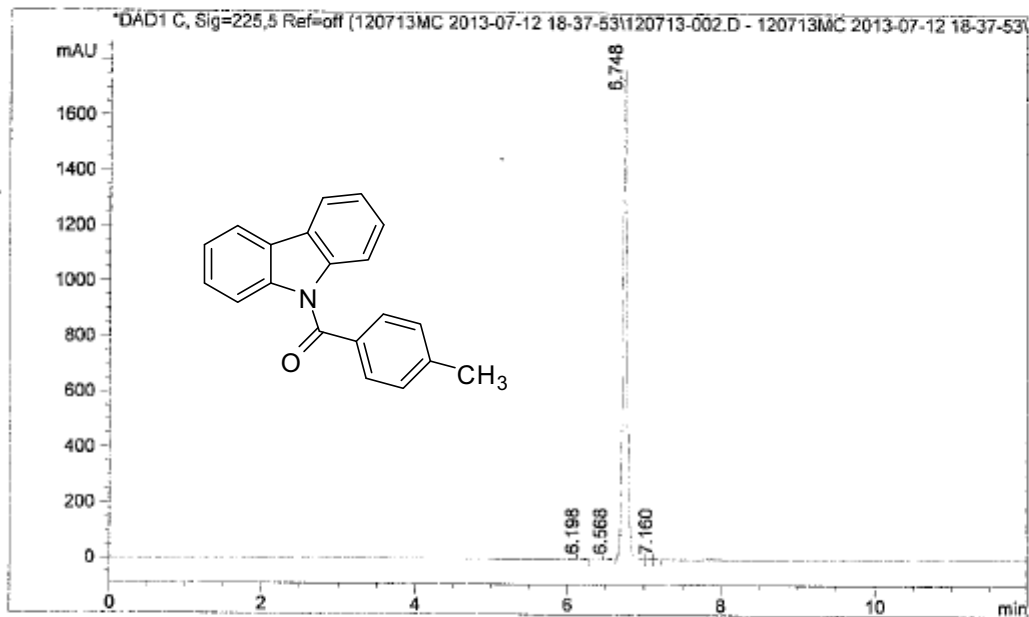
^1H NMR (Varian, 400 MHz) spectrum of compound **3i** in CDCl_3



^{13}C NMR spectrum (Varian, 100 MHz) of compound **3i** in CDCl_3

COSMIC DISCOVERIES @ ILS
HPLC ANALYSIS REPORT

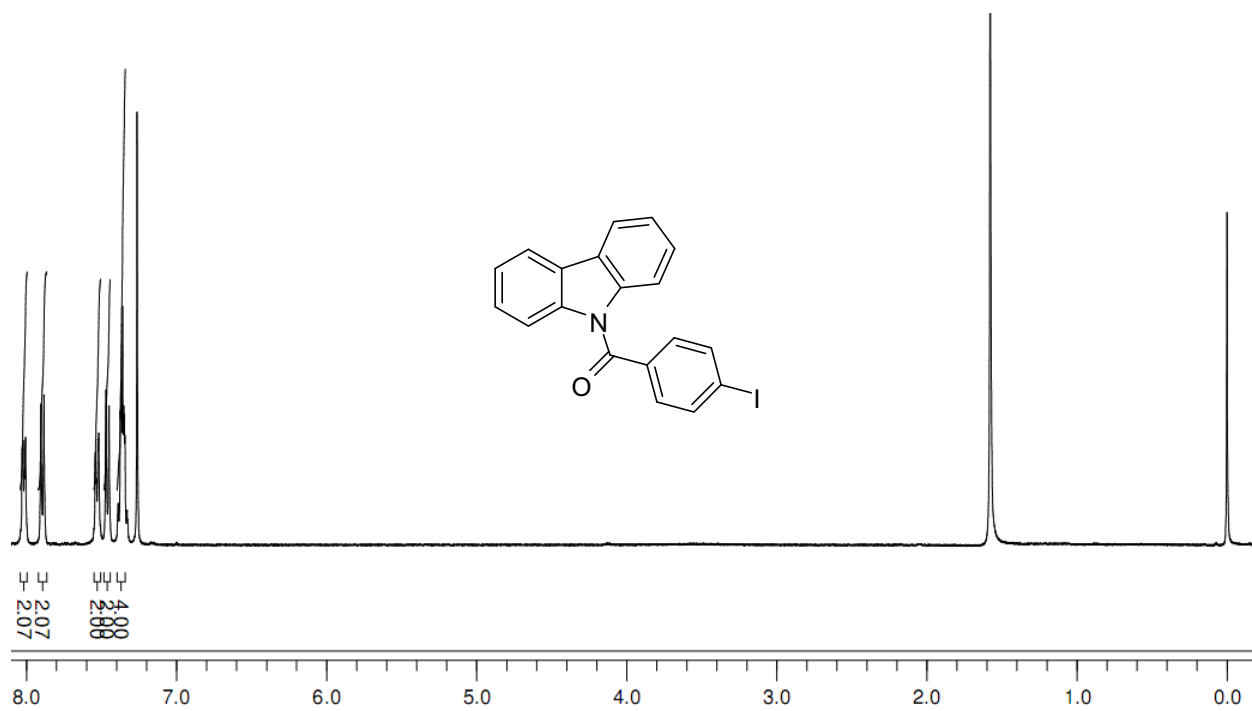
Injection Date : Fri, 12. Jul. 2013	Seq Line : 2
Sample Name : ILS/KSM/1-40	Location : Vial 42
Acq Operator : RADHA	Inj. No. : 1
Acq. Method : D:\chem32\1\DATA\120713MC 2013-07-12 18-37-53\C-18 ->	Inj. Vol. : 1 µl
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M	
Method Info : Column : Symmetry C-18 75*4.6mm,3.5µm	
Mobile phase: A) 0.1% HCOOH in Water , B) ACN (gradient)	
T/B%:0/50,1.0/50,6/98,10/98,10.5/50,12/50	
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)	



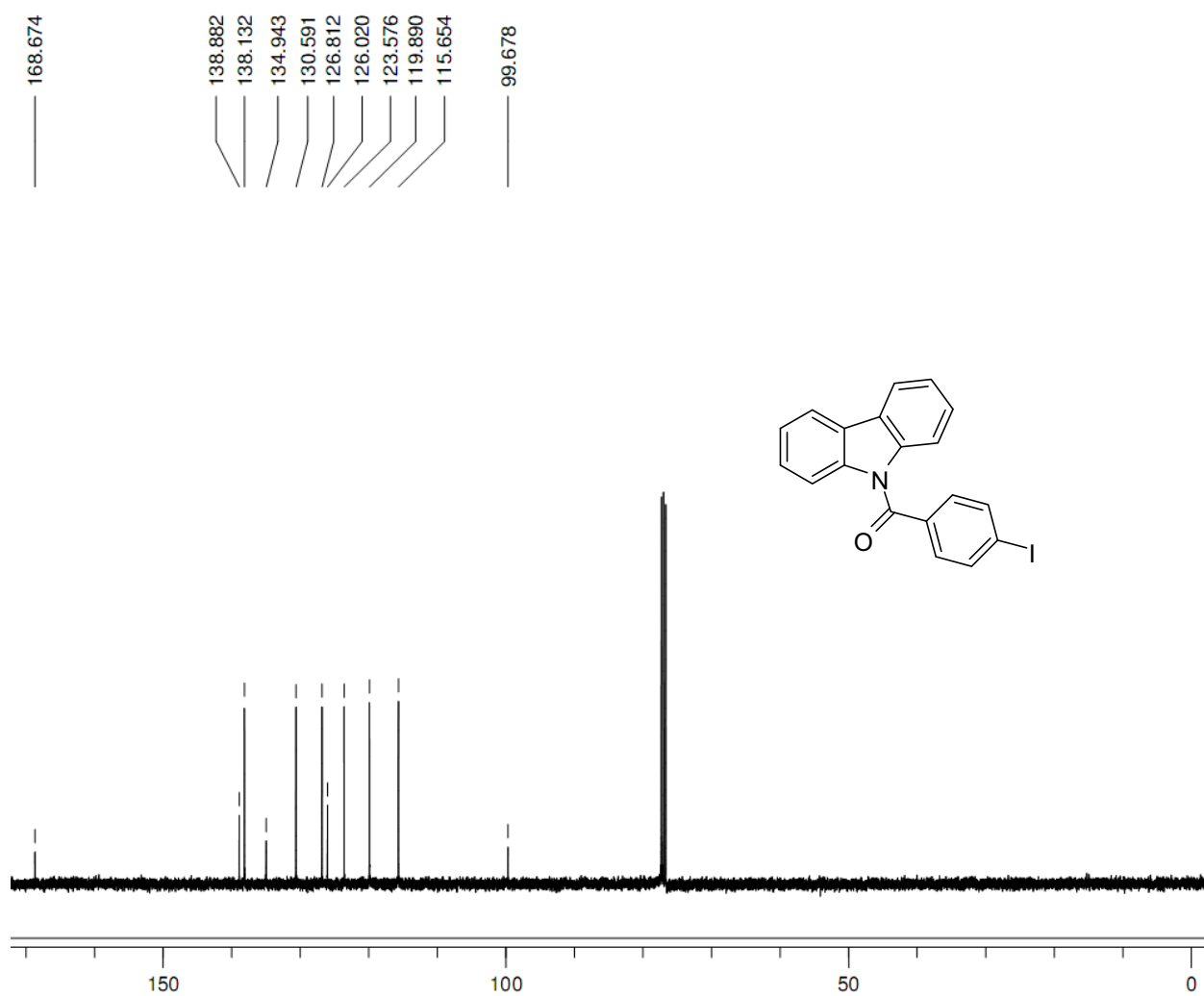
Signal 1: DAD1 C, Sig=225,5 Ref=off

Peak #	RT [min]	Area	Area %
1	6.198	7.125	0.097
2	6.568	6.040	0.082
3	6.748	7313.629	99.720
4	7.075	3.533	0.048
5	7.160	3.840	0.052

*** End of Report ***



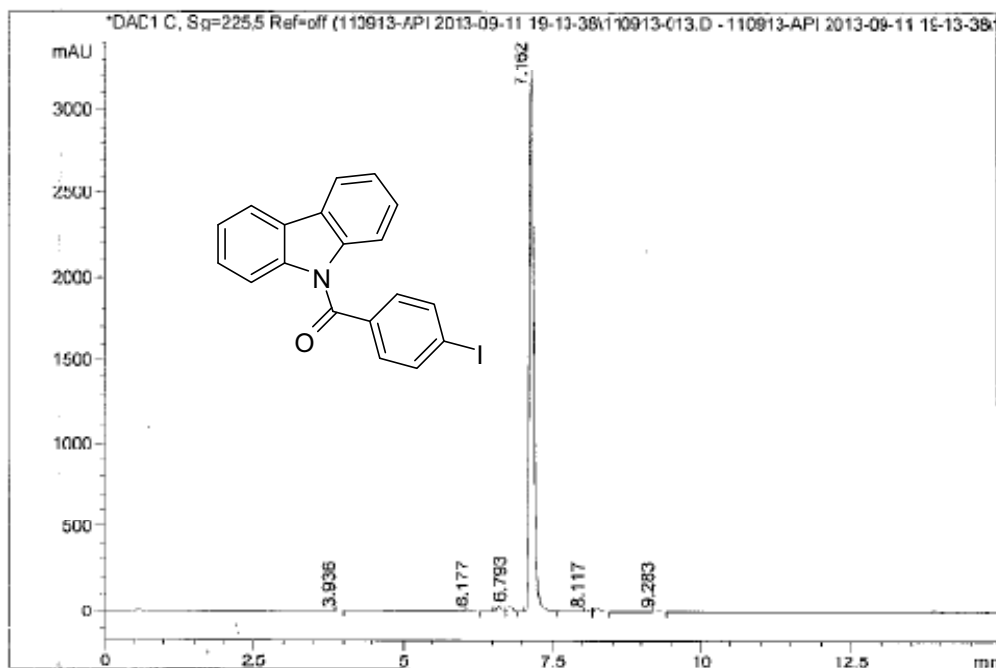
^1H NMR (Varian, 400 MHz) spectrum of compound **3j** in CDCl_3



¹³C NMR spectrum (Varian, 100 MHz) of compound **3j** in CDCl₃

CPRI @ DRILS
HPLC ANALYSIS REPORT

Injection Date : Thu, 12. Sep. 2013 Seq Line : 10
Sample Name : ILS-KSM-1-45 Location : Vial 48
Acq Operator : RADHA Inj. No. : 1
Acq. Method : D:\chem32\1\DATA\110913-APT 2013-09-11 19-13-38\C-18-> Inj. Vol. : 10 µl
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M
Method Info : Column : Symmetry C-18 75*4.6mm, 3.5µm
Mobile phase: A) 0.1% FA in Water , B) ACN
T/3%:0/50,1/50,6/98,12/98,13/50,15/50
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)

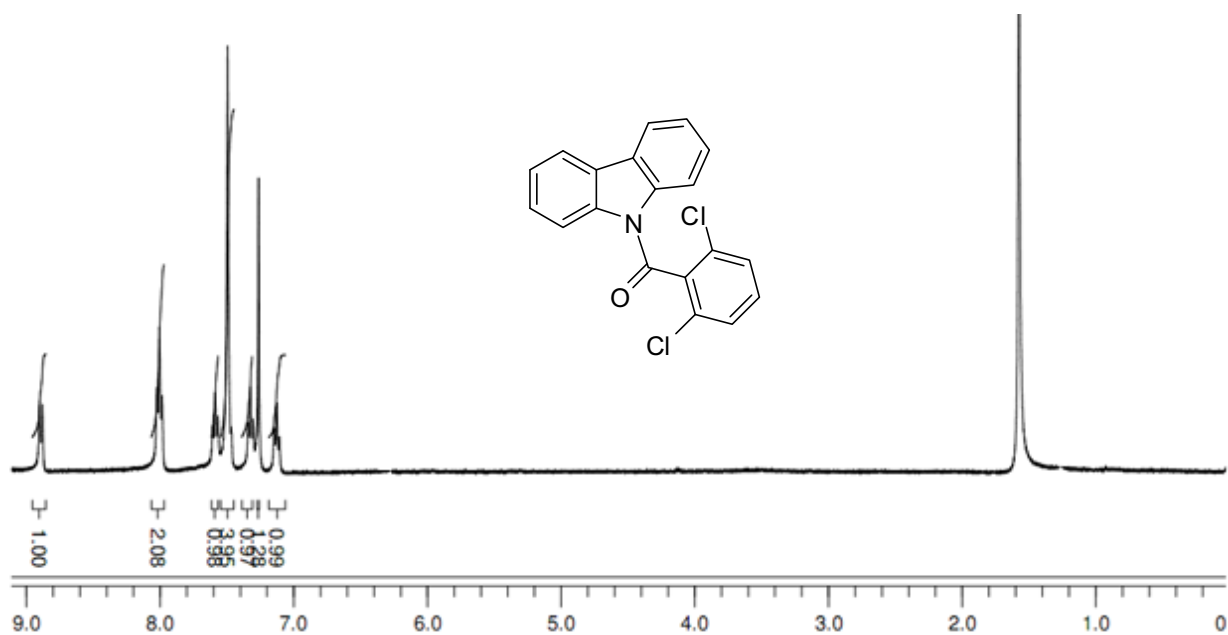


Signal 1: DAD1 C, Sig=225,5 Ref=off

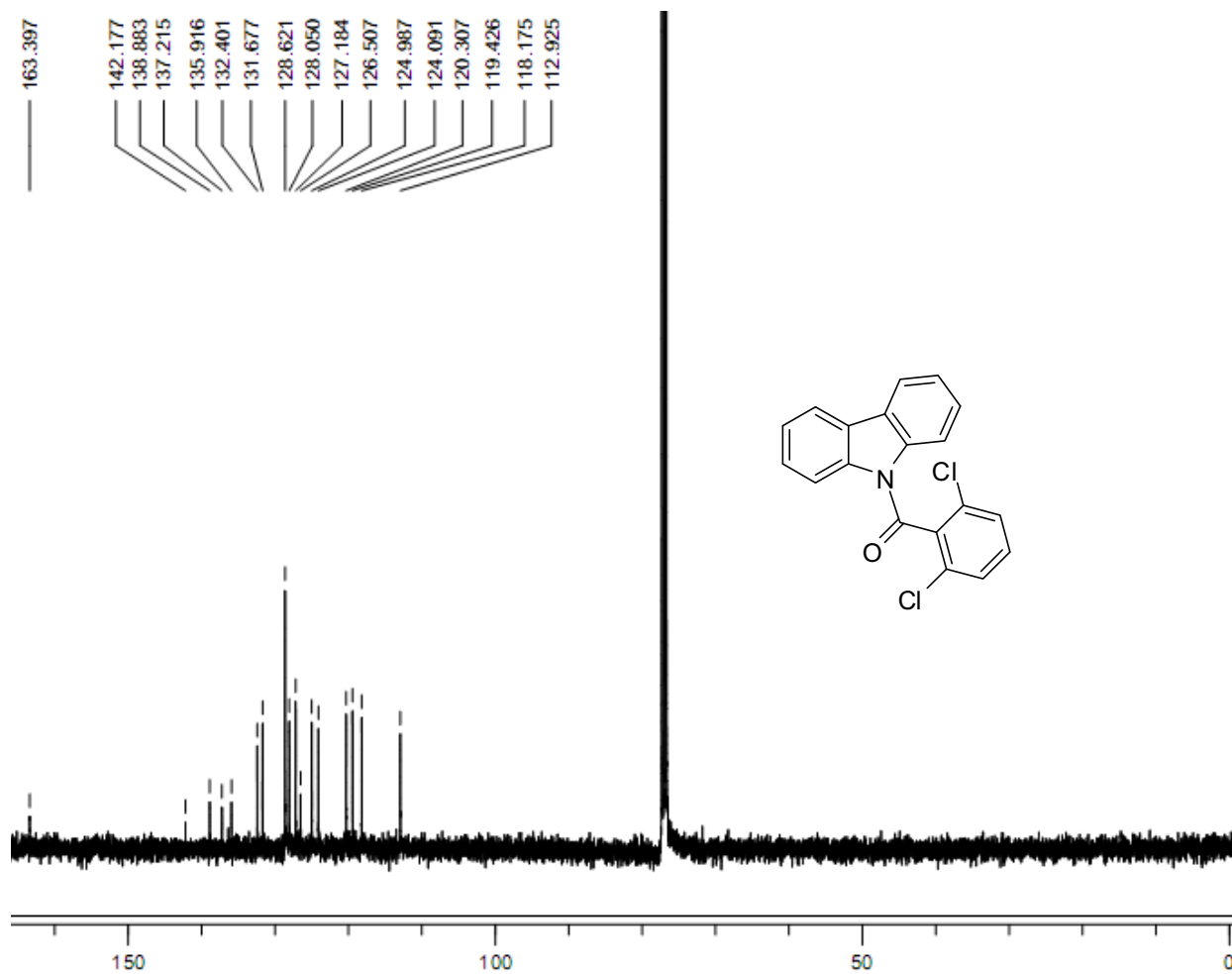
Peak #	RT [min]	Area	Area %
1	3.936	5.698	0.034
2	6.177	28.034	0.165
3	6.610	138.792	1.111
4	6.793	147.187	0.867
5	7.162	16473.930	96.986
6	8.117	3.863	0.023
7	8.259	126.691	0.746
8	9.283	11.626	0.068

*** End of Report ***

Radha
12/09/13



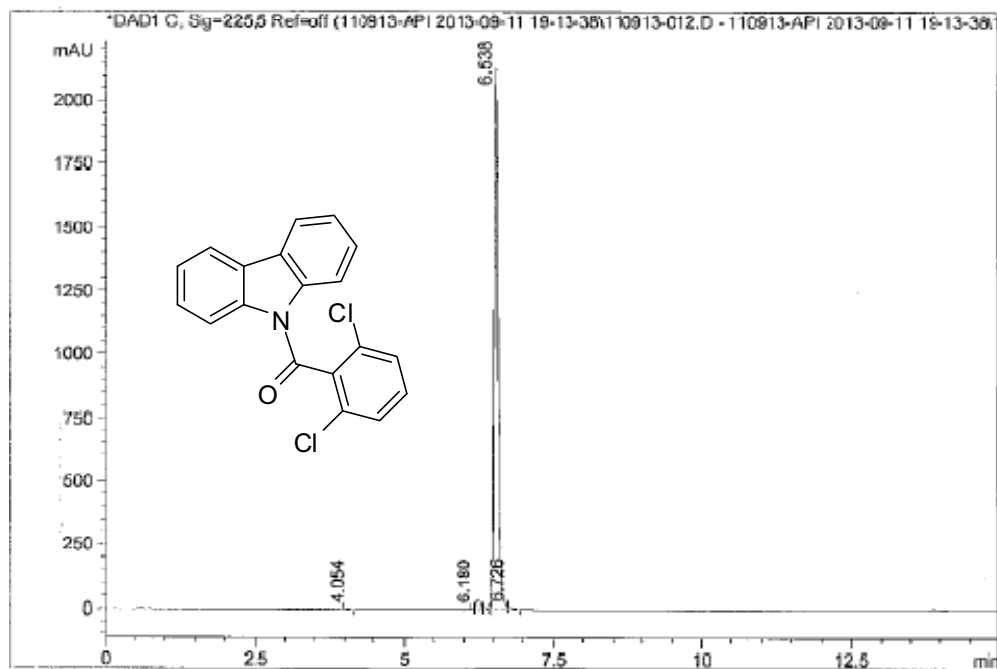
^1H NMR (Varian, 400 MHz) spectrum of compound **3k** in CDCl_3



^{13}C NMR spectrum (Varian, 100 MHz) of compound **3k** in CDCl_3

CPRI @ DRILS
HPLC ANALYSIS REPORT

Injection Date : Thu, 12. Sep. 2013	Seq Line : 9
Sample Name : ILS-KSM-1-46	Location : Vial 47
Acq Operator : RADHA	Inj. No. : 1
Acq. Method : D:\chem32\1\DATA\110913-API 2013-09-11 19-13-38\C-18->	Inj. Vol. : 10 µl
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M	
Method Info : Column : Symmetry C-18 75*4.6mm,3.5µm	
Mobile phase: A) 0.1% FA in Water , B) ACN	
T/B%:0/50,1/50,6/98,12/98,13/50,15/50	
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)	

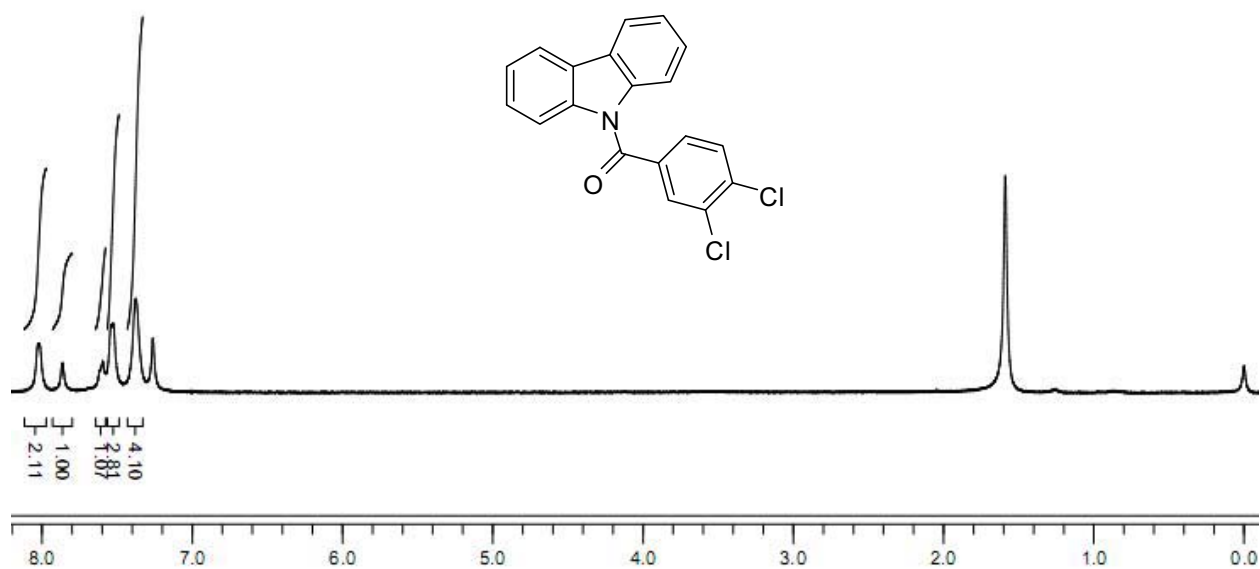


Signal 1: DAD1 C, Sig=225,5 Ref=off

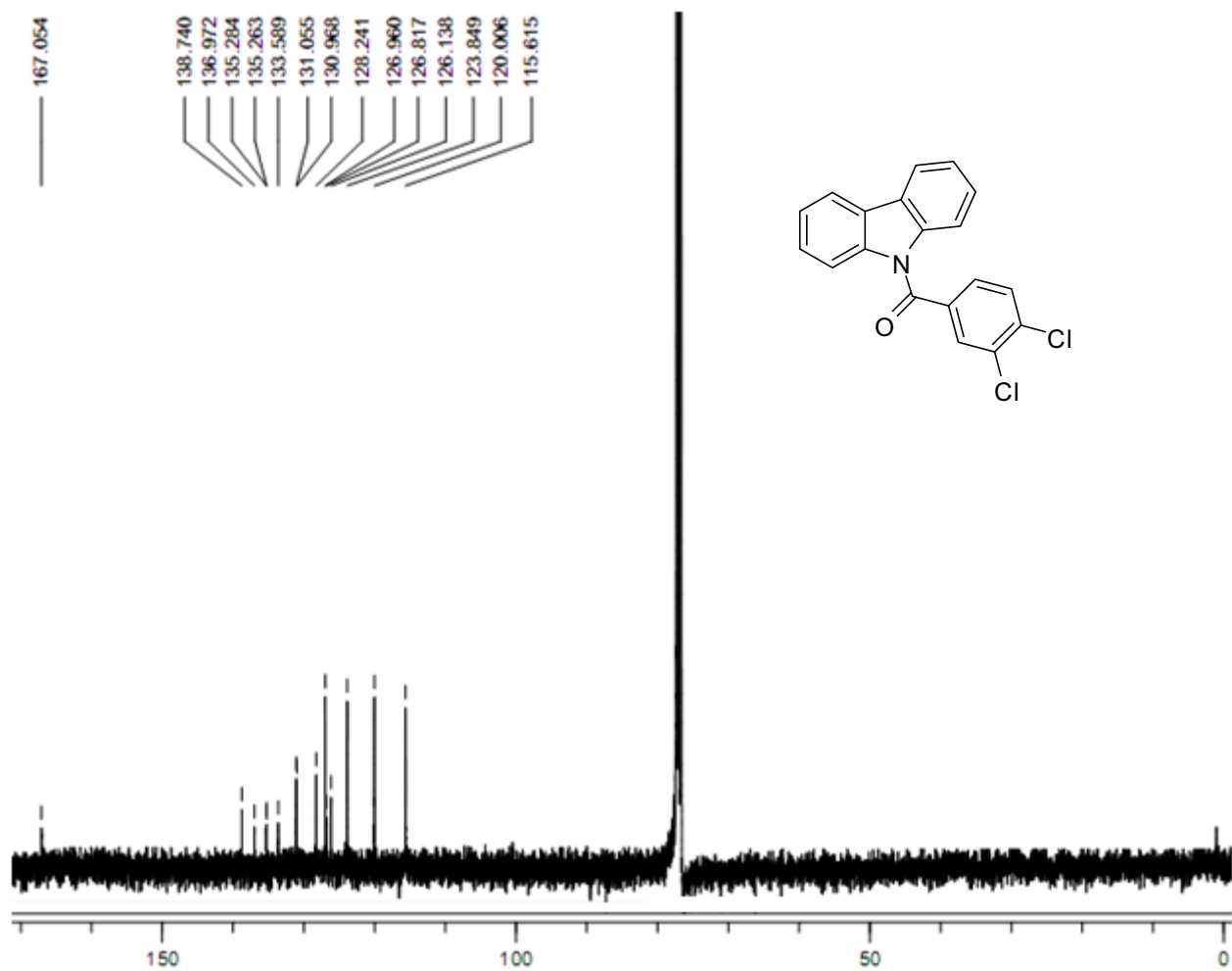
Peak #	RT [min]	Area	Area %
1	4.054	13.438	0.138
2	6.180	5.259	0.054
3	6.252	158.076	1.621
4	6.372	20.860	0.214
5	6.538	9514.139	97.585
6	6.726	37.821	0.388

*** End of Report ***

*Rajesh
klog13*



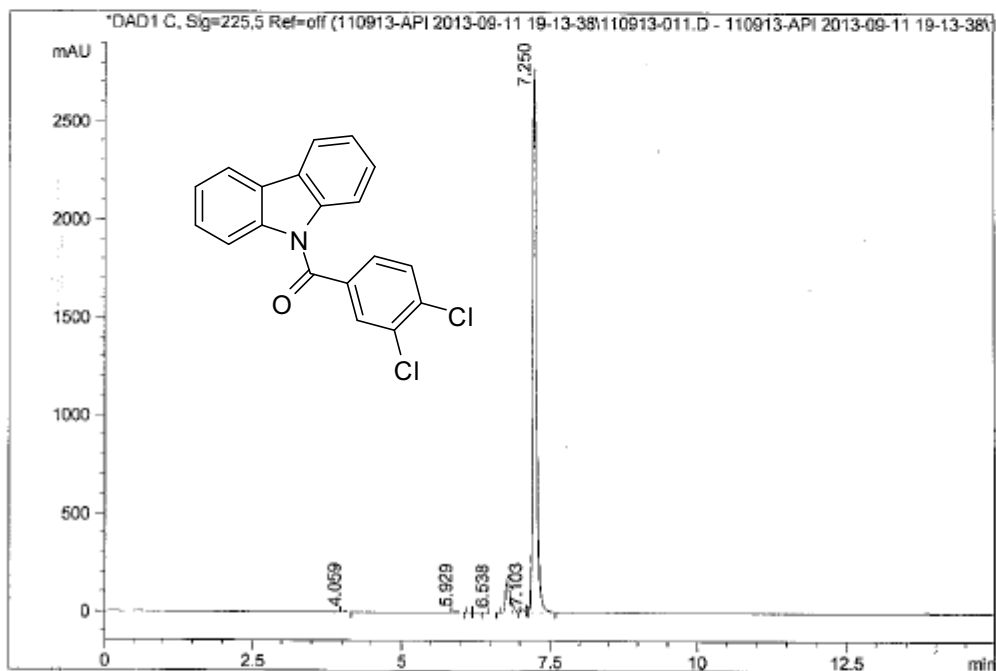
^1H NMR (Varian, 400 MHz) spectrum of compound **3I** in CDCl_3



^{13}C NMR spectrum (Varian, 100 MHz) of compound **31** in CDCl_3

CPRI @ DRILS
HPLC ANALYSIS REPORT

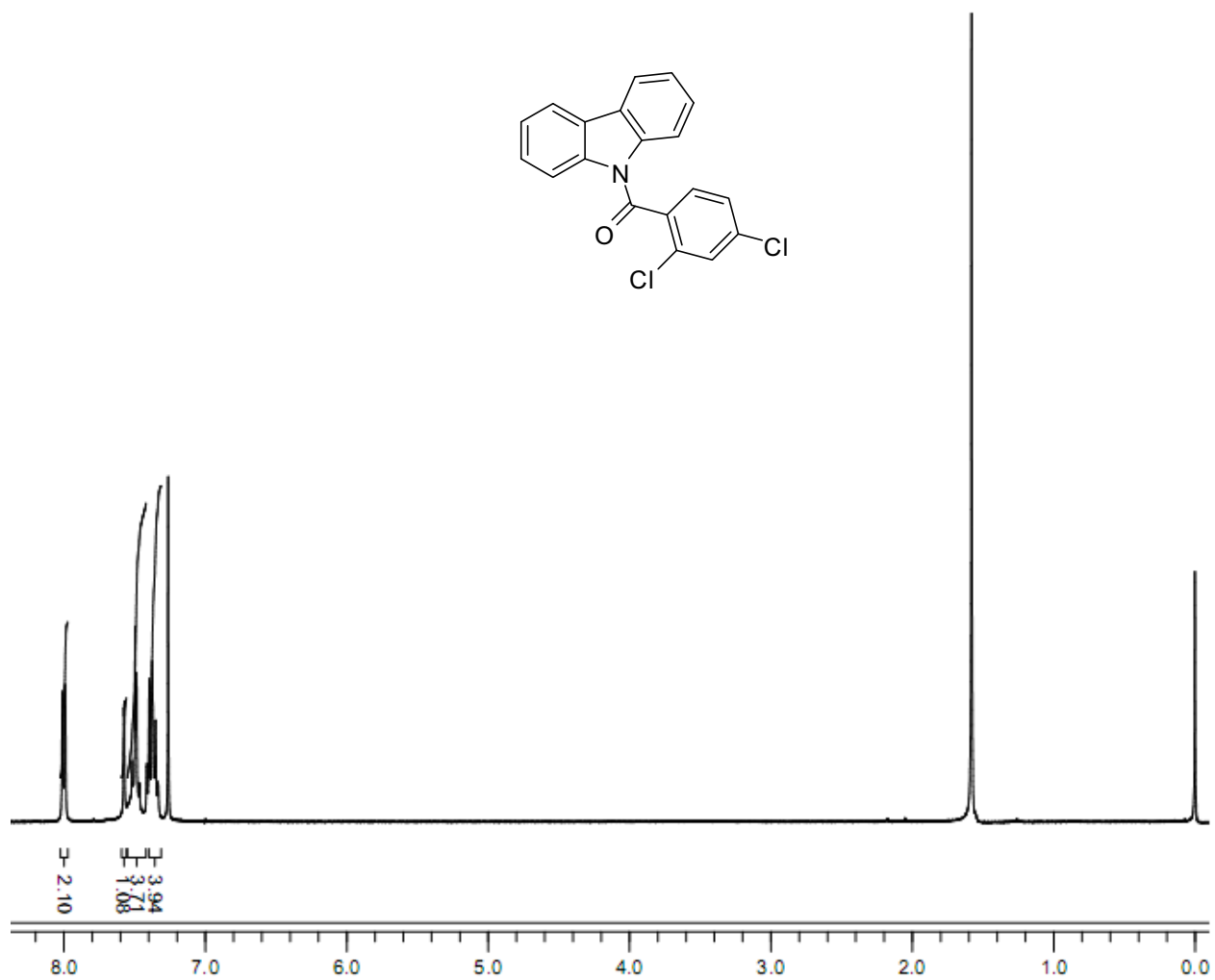
Injection Date : Thu, 12. Sep. 2013 Seq Line : 8
Sample Name : ILS-KSM-1-48 Location : Vial 46
Acq Operator : RADHA Inj. No. : 1
Acq. Method : D:\chem32\1\DATA\110913-API 2013-09-11 19-13-38\C-18-> Inj. Vol. : 10 µl
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M
Method Info : Column : Symmetry C-18 75*4.6mm, 3.5µm
Mobile phase: A) 0.1% FA in Water , B) ACN
T/B%:0/50,1/50,6/98,12/98,13/50,15/50
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)



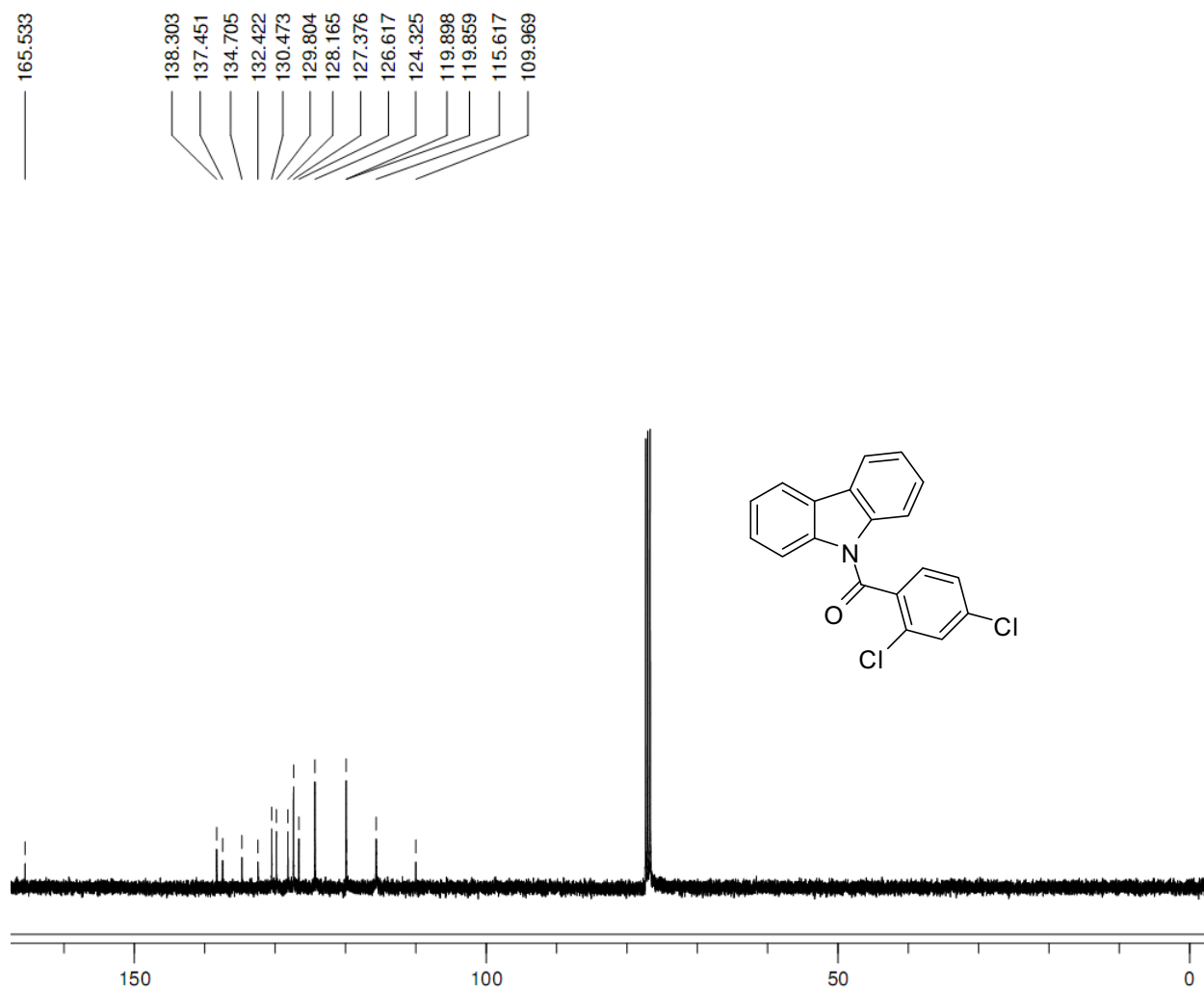
Signal 1: DAD1 C, Sig=225,5 Ref=off

Peak #	RT [min]	Area	Area %
1	4.059	9.973	0.075
2	5.929	13.640	0.102
3	6.193	4.657	0.035
4	6.250	15.739	0.118
5	6.538	2.969	0.022
6	6.797	834.632	6.263
7	6.871	92.397	0.693
8	7.051	50.480	0.379
9	7.103	3.401	0.026
10	7.250	12298.751	92.287

*Pages
12/09/13*



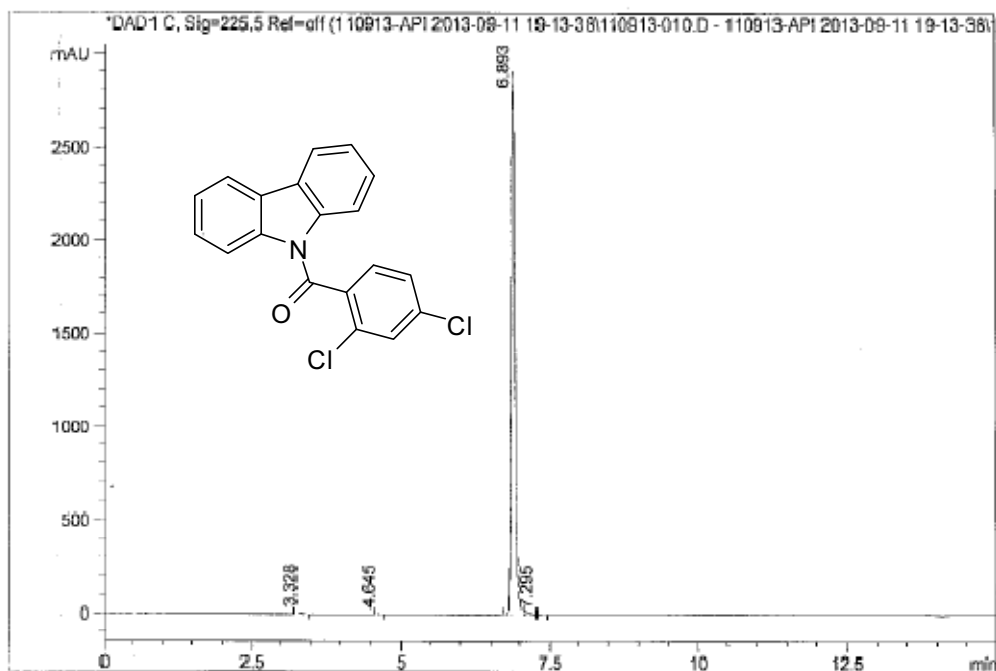
¹H NMR (Varian, 400 MHz) spectrum of compound **3m** in CDCl₃



^{13}C NMR spectrum (Varian, 100 MHz) of compound **3m** in CDCl_3

CPRI @ DRILS
HPLC ANALYSIS REPORT

Injection Date : Wed, 11. Sep. 2013 Seq Line : 7
Sample Name : ILS-KSM-1-49 Location : Vial 45
Acq Operator : RADHA Inj. No. : 1
Acq. Method : D:\chem32\1\DATA\110913-API 2013-09-11 19-13-38\C-18-> Inj. Vol. : 10 µl
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M
Method Info : Column : Symmetry C-18 75*4.6mm, 3.5µm
Mobile phase: A) 0.1% FA in Water , B) ACN
T/B%:0/50,1/50,6/98,12/98,13/50,15/50
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)

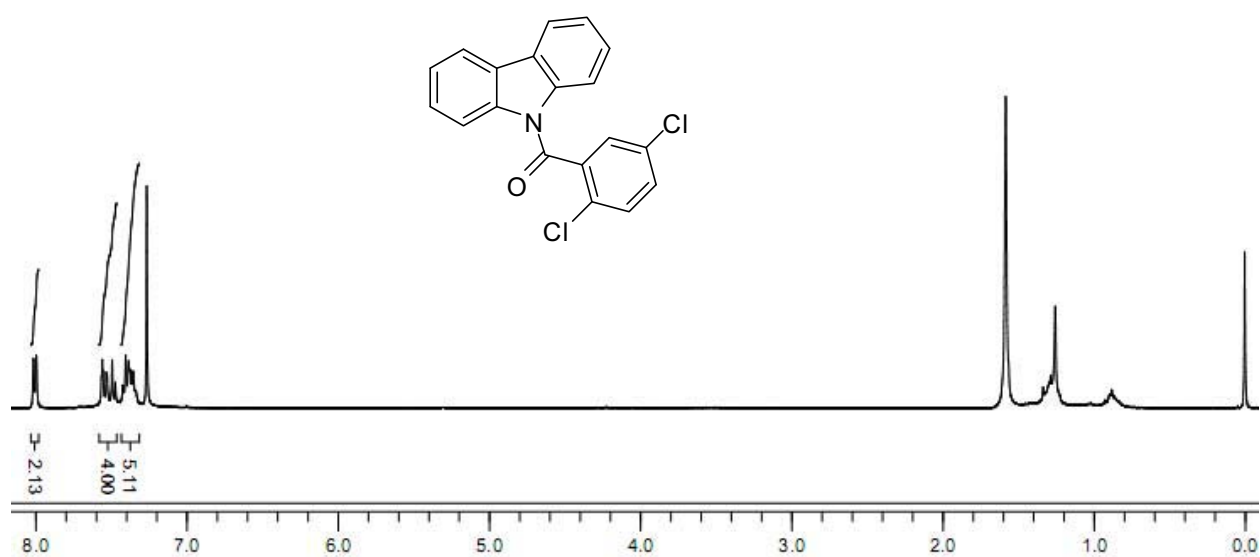


Signal 1: DAD1 C, Sig=225,5 Ref=off

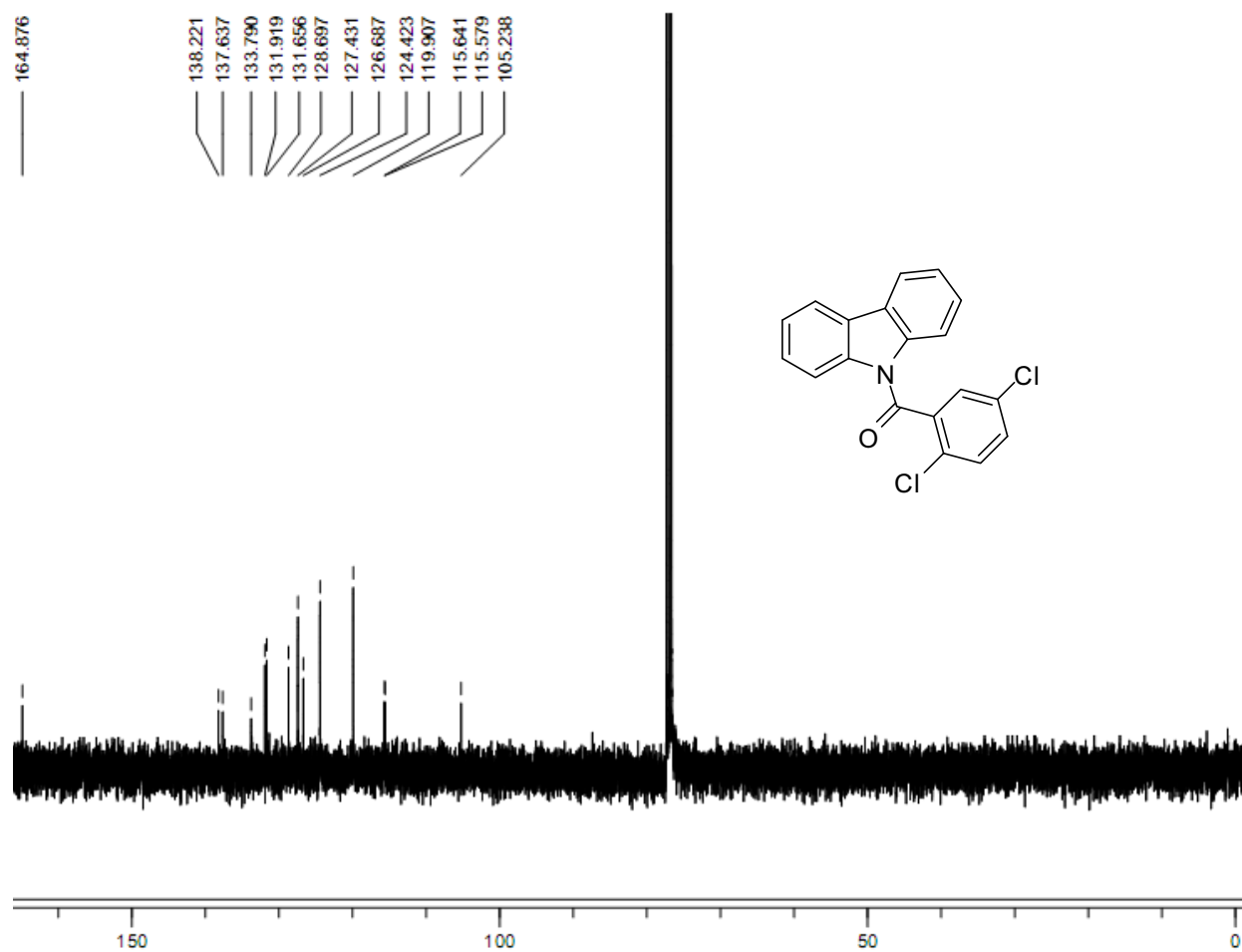
Peak #	RT [min]	Area	Area %
1	3.328	22.205	0.160
2	4.645	8.145	0.059
3	6.893	13785.068	99.027
4	7.077	97.299	0.699
5	7.295	7.761	0.056

*** End of Report ***

Radha
12/09/13



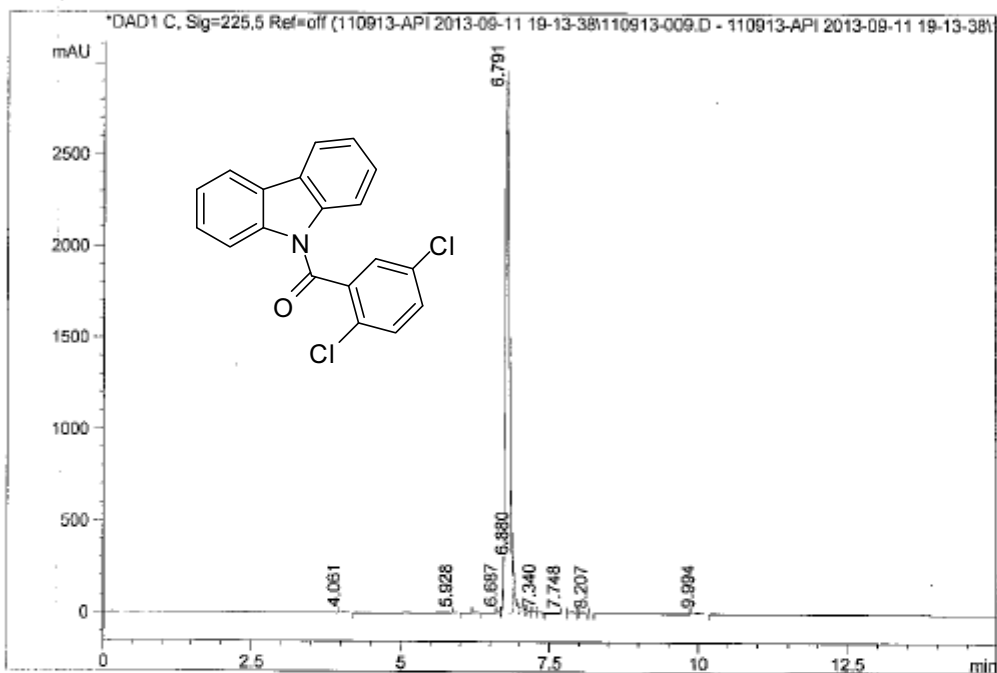
^1H NMR (Varian, 400 MHz) spectrum of compound **3n** in CDCl_3



¹³C NMR spectrum (Varian, 100 MHz) of compound **3n** in CDCl₃

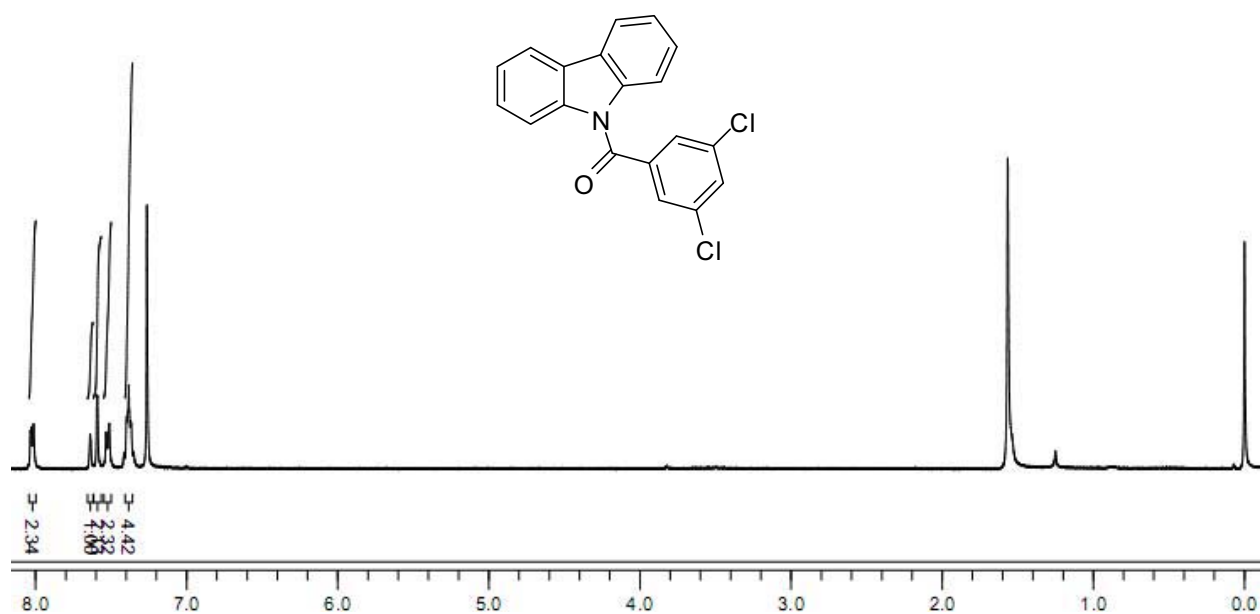
CPRI @ DRILS
HPLC ANALYSIS REPORT

Injection Date : Wed, 11. Sep. 2013 Seq Line : 6
Sample Name : ILS-KSM-1-50 Location : Vial 44
Acq Operator : RADHA Inj. No. : 1
Acq. Method : D:\chem32\1\DATA\110913-API 2013-09-11 19-13-38\C-18-> Inj. Vol. : 10 µl
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M
Method Info : Column : Symmetry C-18 75*4.6mm, 3.5µm
Mobile phase: A) 0.1% FA in Water , B) ACN
T/B#:0/50,1/50,6/98,12/98,13/50,15/50
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)

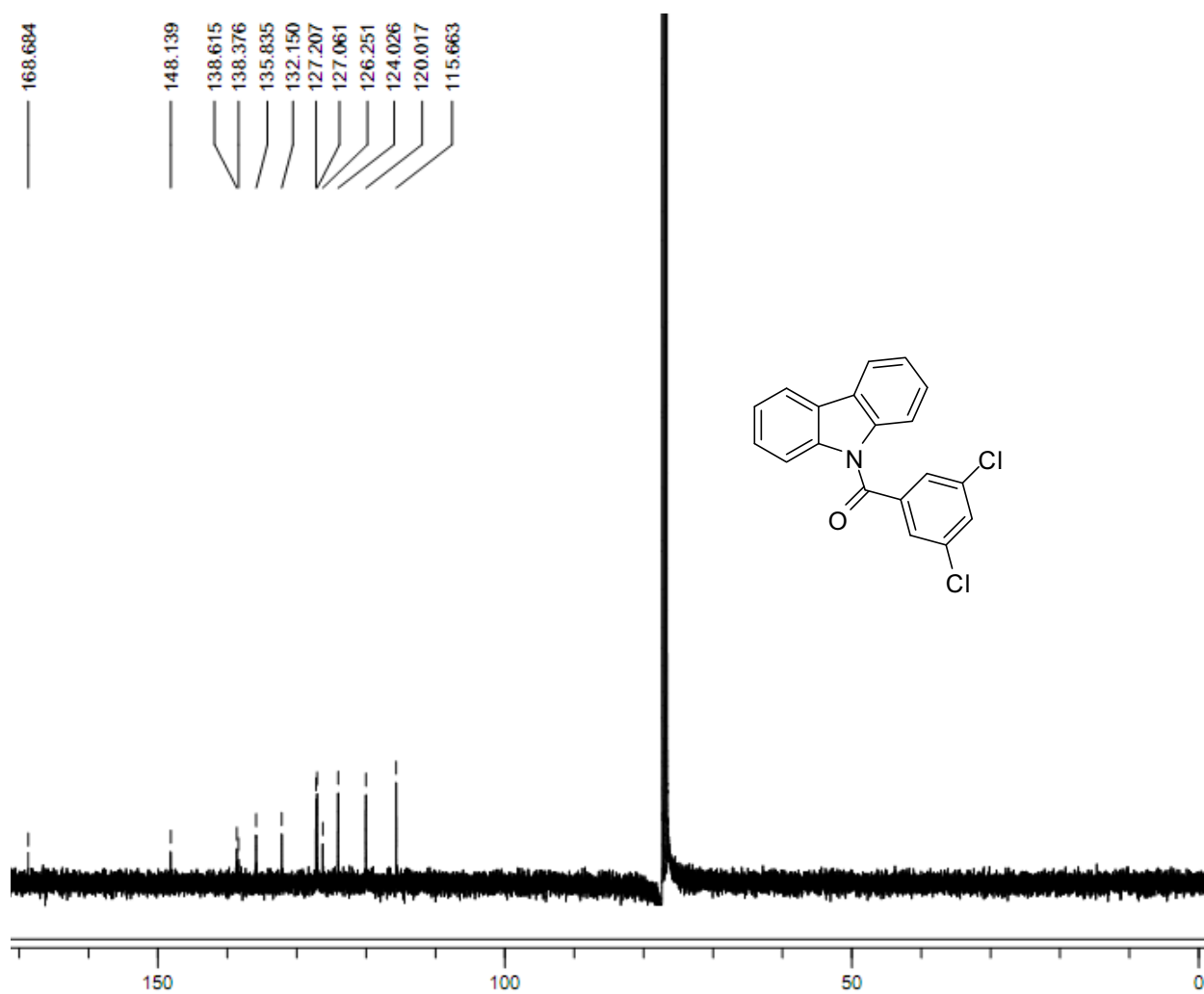


Signal 1: DAD1 C, Sig=225,5 Ref=off

Peak #	RT [min]	Area	Area %
1	4.061	26.991	0.172
2	5.928	9.978	0.064
3	6.275	15.811	0.101
4	6.687	22.164	0.142
5	6.791	14593.535	93.193
6	6.880	663.336	4.236
7	7.049	150.164	0.959
8	7.102	34.950	0.223
9	7.247	19.123	0.122
10	7.340	15.794	0.101
11	7.748	2.858	0.018
12	7.881	41.118	0.263



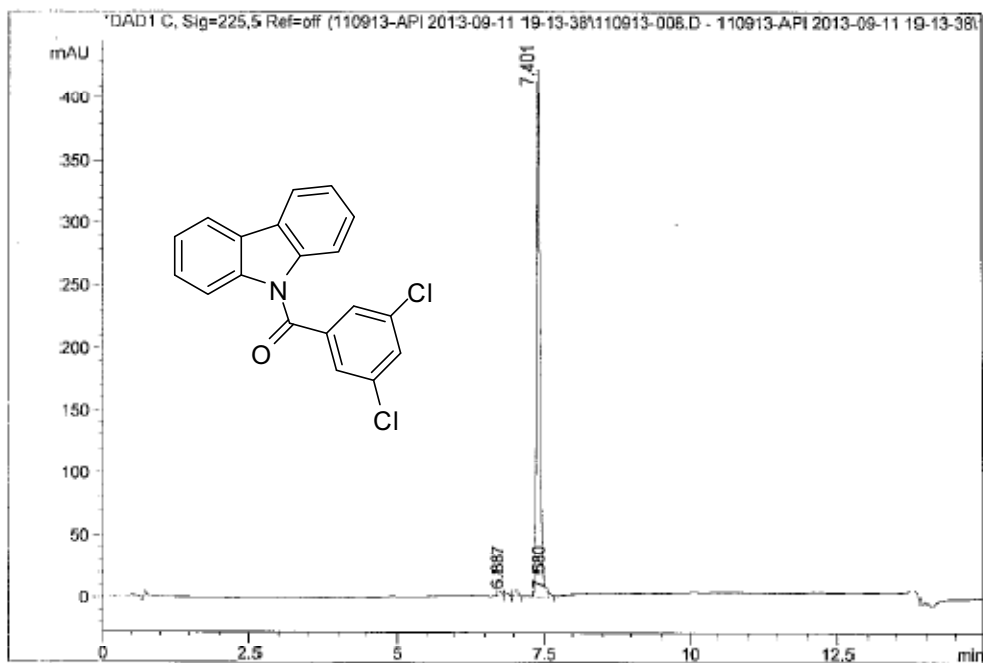
¹H NMR (Varian, 400 MHz) spectrum of compound **3o** in CDCl₃



¹³C NMR spectrum (Varian, 100 MHz) of compound **3o** in CDCl₃

GPRI @ DRILS
HPLC ANALYSIS REPORT

Seq Line : 5
Injection Date : Wed, 11. Sep. 2013 Location : Vial 43
Sample Name : ILS-KSM-1-51 Inj. No. : 1
Acq Operator : RADHA Inj. Vol. : 10 µl
Acq. Method : D:\chem32\1\DATA\110913-API 2013-09-11 19-13-38\C-18->
Analysis Method : D:\CHEM32_002\1\METHODS\C-18 A50B50-GM.M
Method Info : Column : Symmetry C-18 75*4.6mm, 3.5µm
Mobile phase: A) 0.1% FA in Water , B) ACN
T/B%:0/50,1/50,6/98,12/98,13/50,15/50
Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)

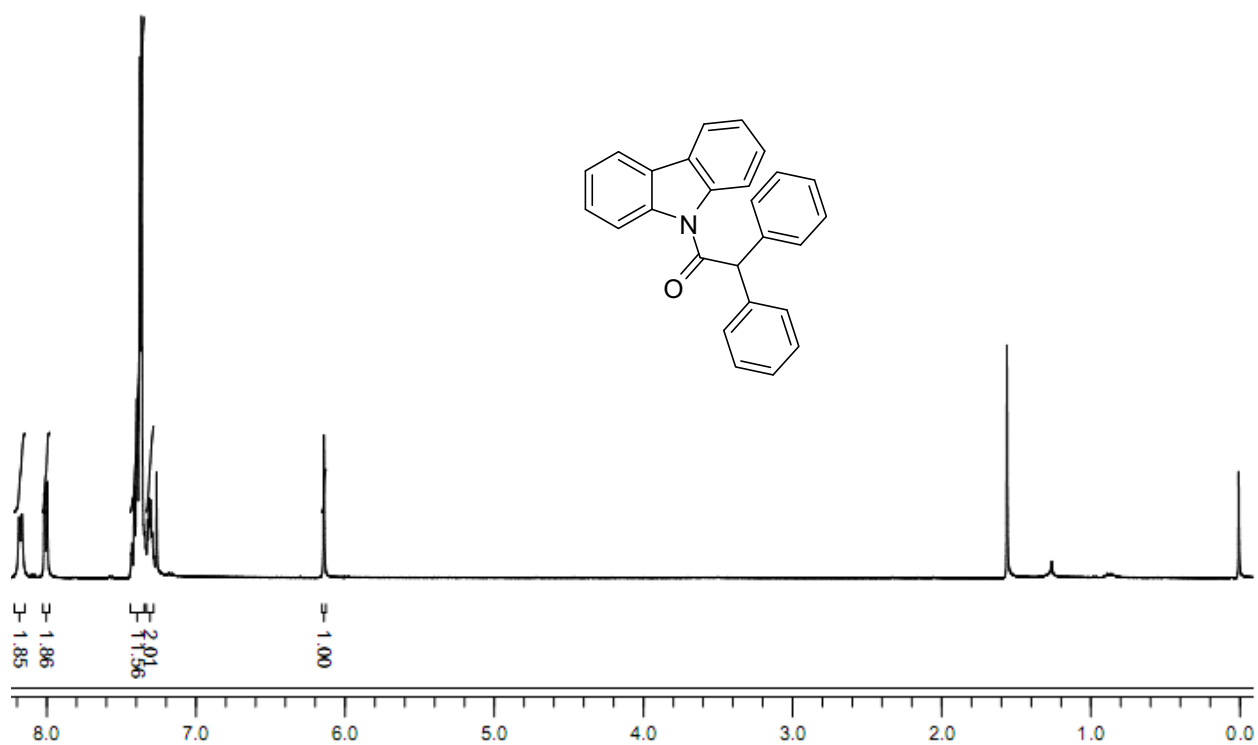


Signal 1: DAD1 C, Sig=225,5 Ref=off

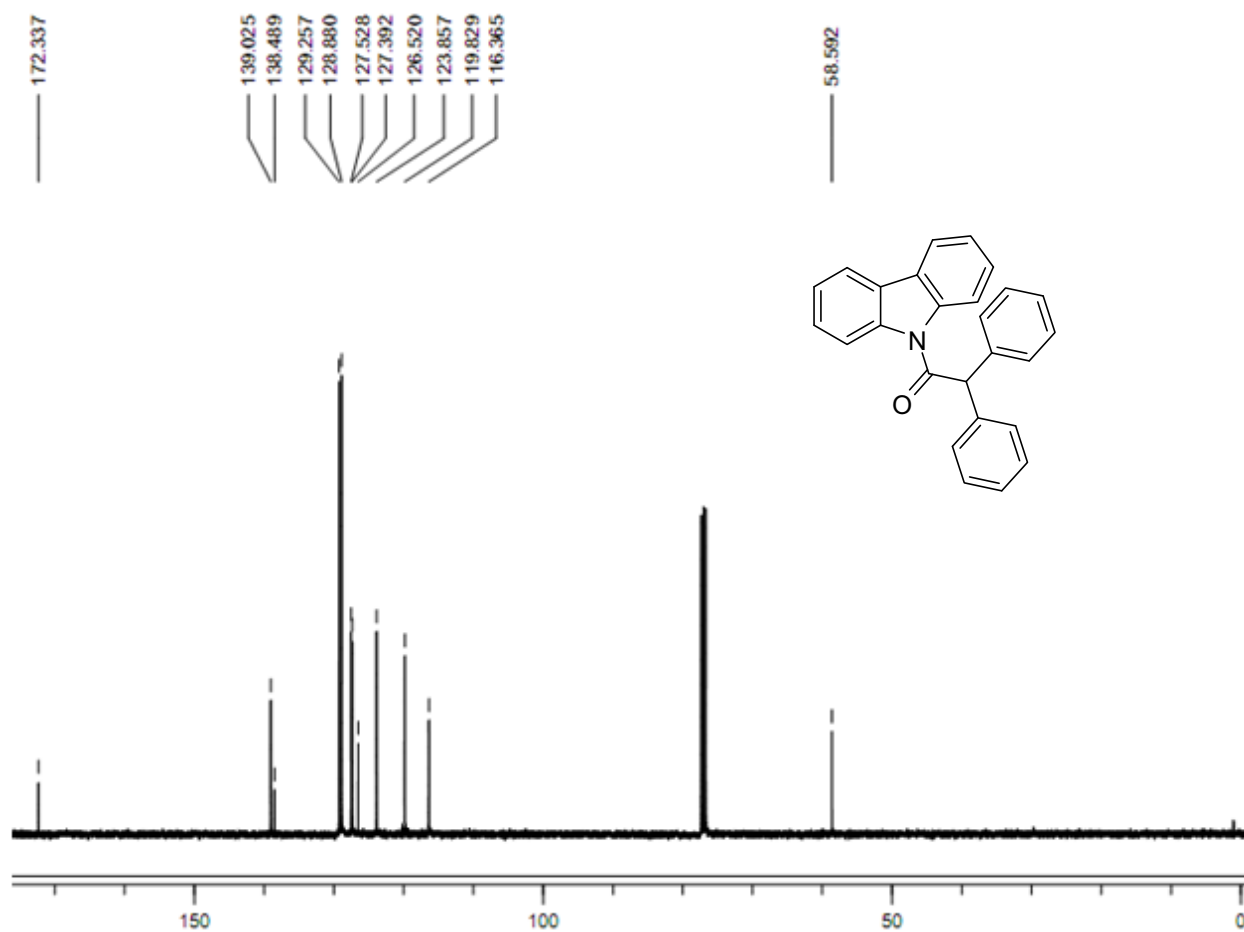
Peak #	RT [min]	Area	Area %
1	6.763	9.719	0.555
2	6.887	6.650	0.380
3	7.050	17.898	1.023
4	7.401	1710.646	97.756
5	7.580	5.002	0.286

*** End of Report ***

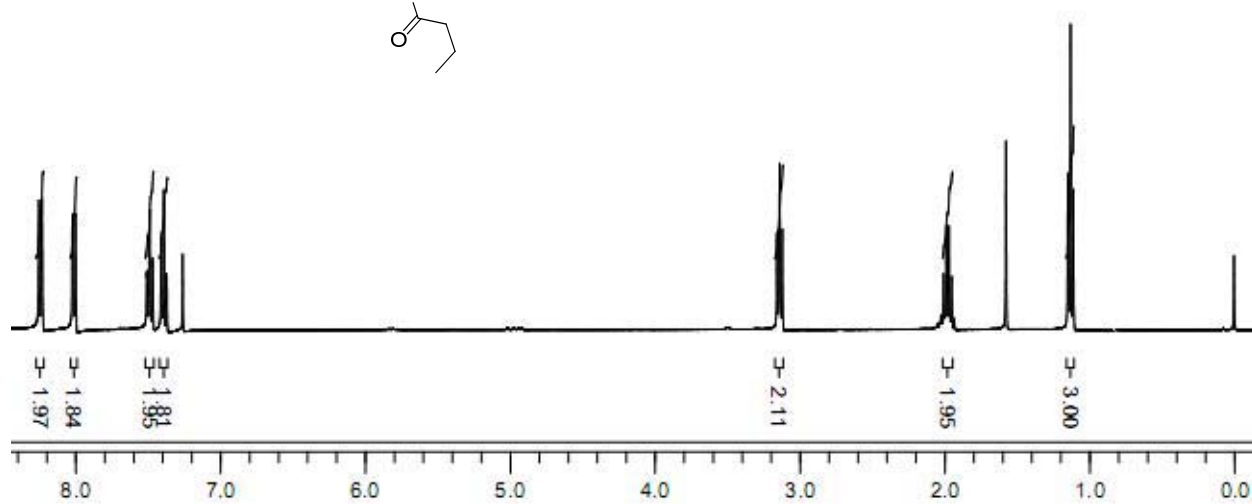
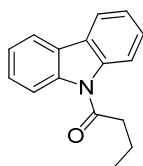
Byjus
12/09/13



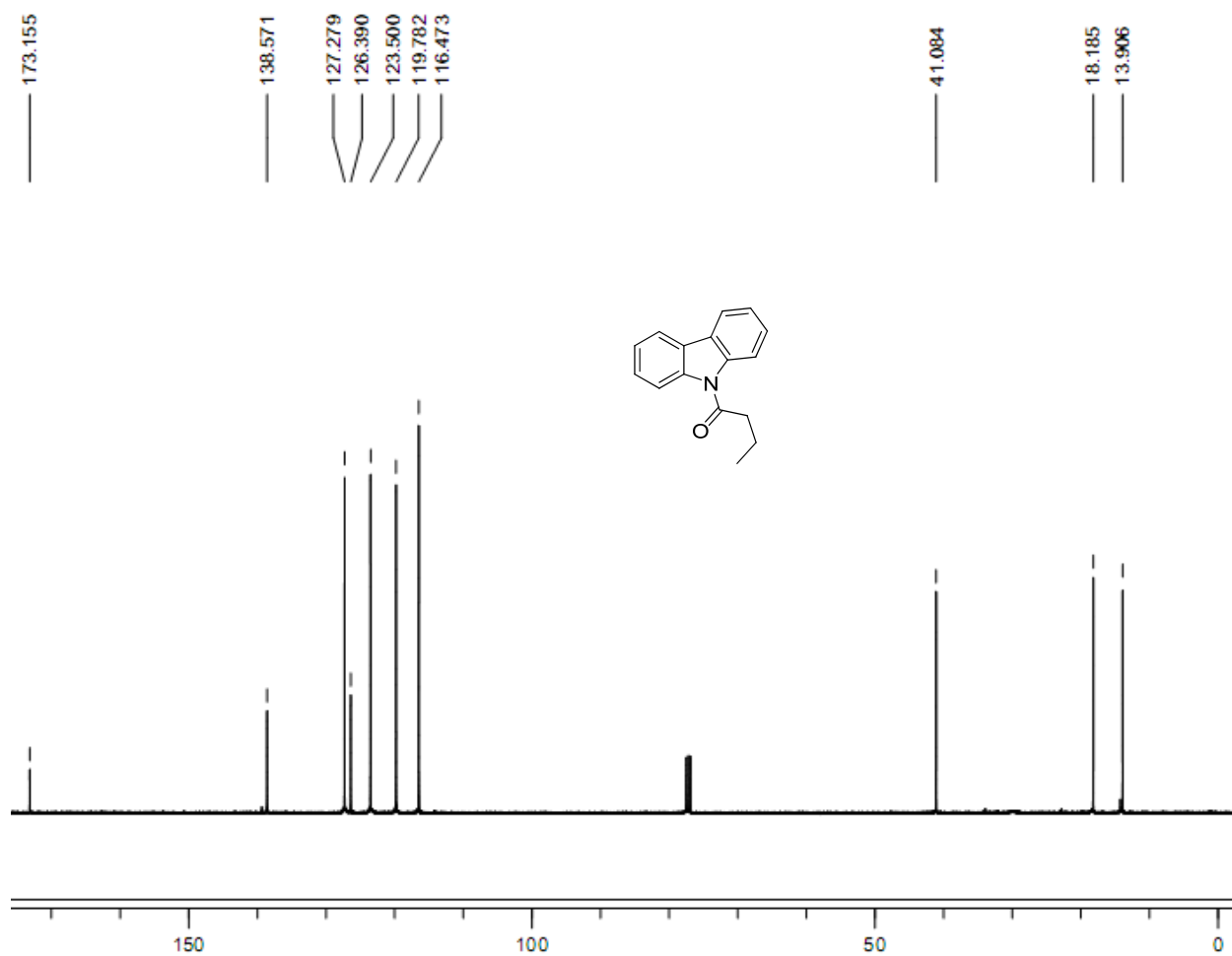
^1H NMR (Varian, 400 MHz) spectrum of compound **3p** in CDCl_3



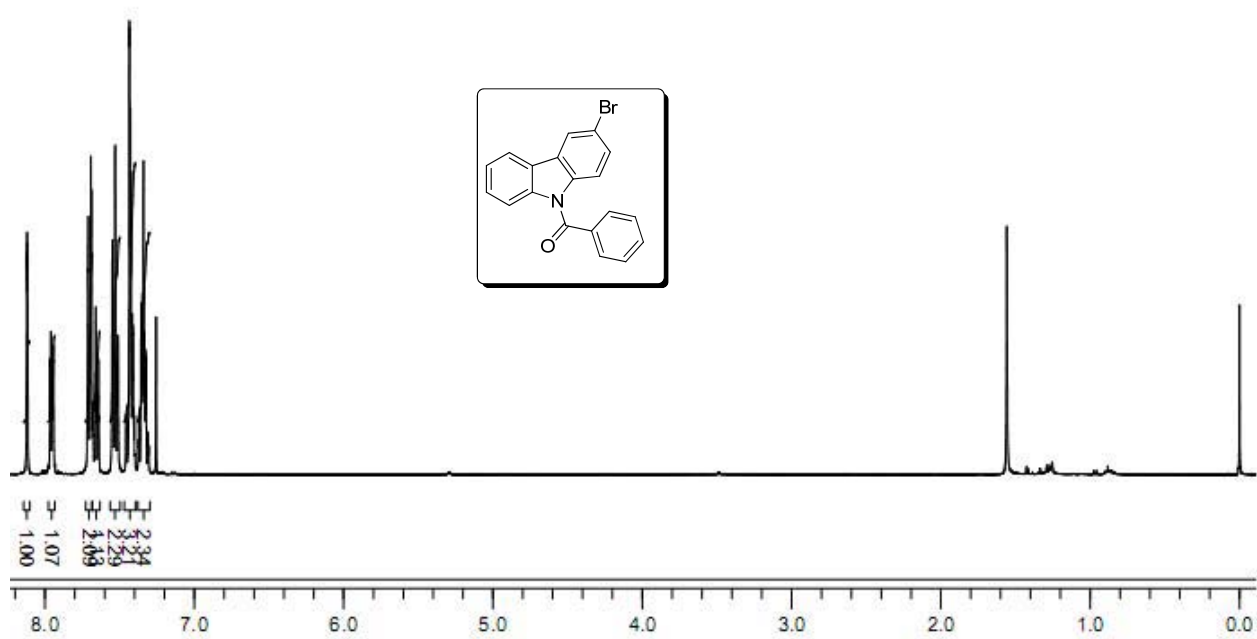
^{13}C NMR spectrum (Varian, 100 MHz) of compound **3p** in CDCl_3



¹H NMR (Varian, 400 MHz) spectrum of compound **3q** in CDCl₃



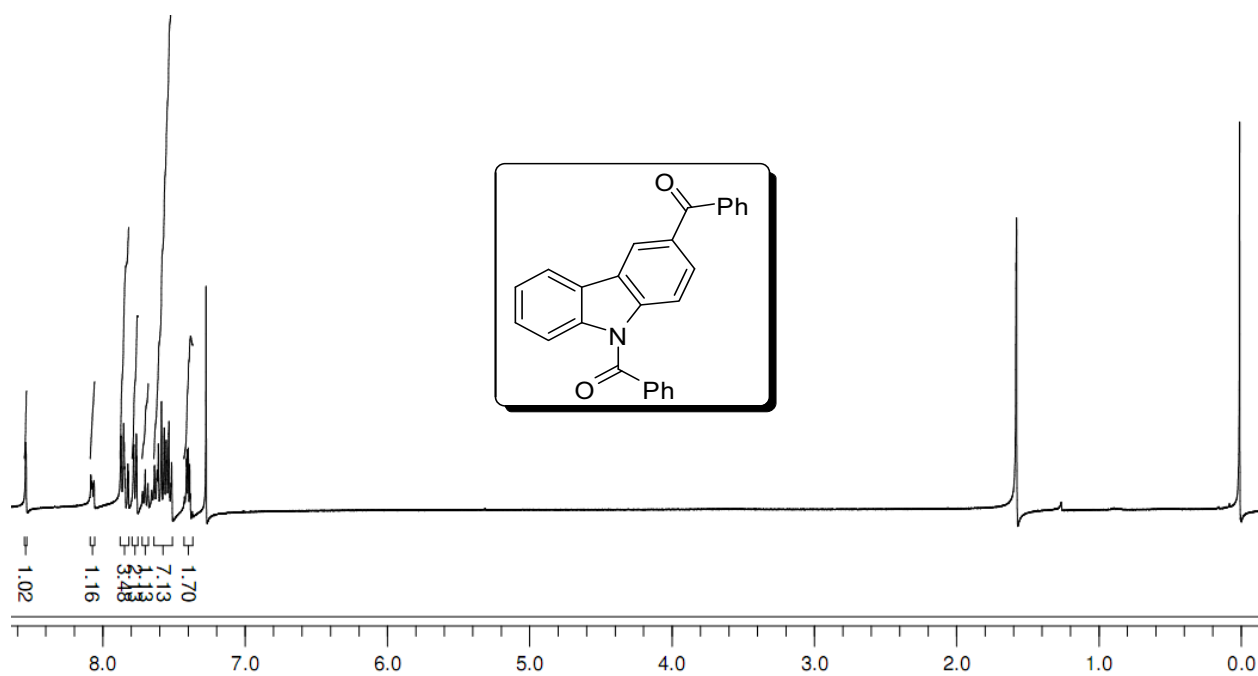
^{13}C NMR spectrum (Varian, 100 MHz) of compound **3q** in CDCl_3



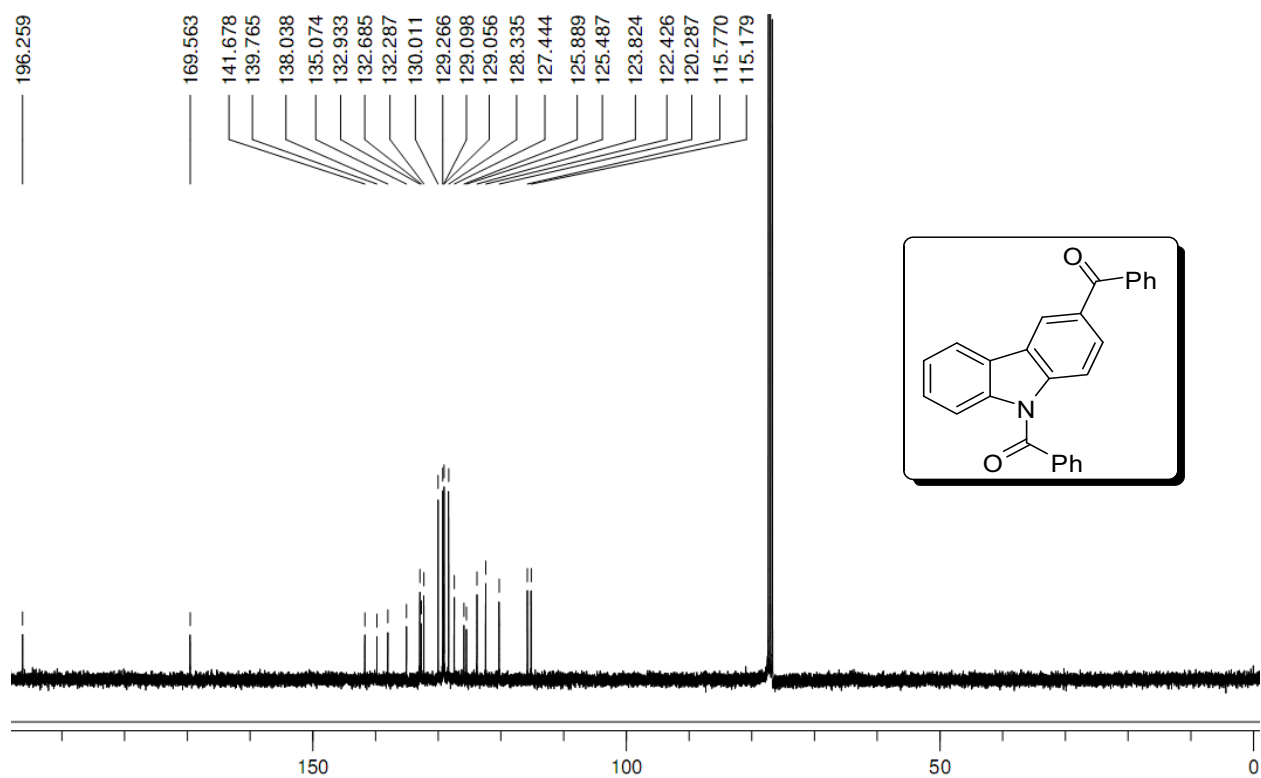
¹H NMR (Varian, 400 MHz) spectrum of compound **3r** in CDCl₃



¹³C NMR spectrum (Varian, 100 MHz) of compound **3r** in CDCl₃



^1H NMR (Varian, 400 MHz) spectrum of compound **4a** in CDCl_3



¹³C NMR spectrum (Varian, 100 MHz) of compound **4a** in CDCl₃

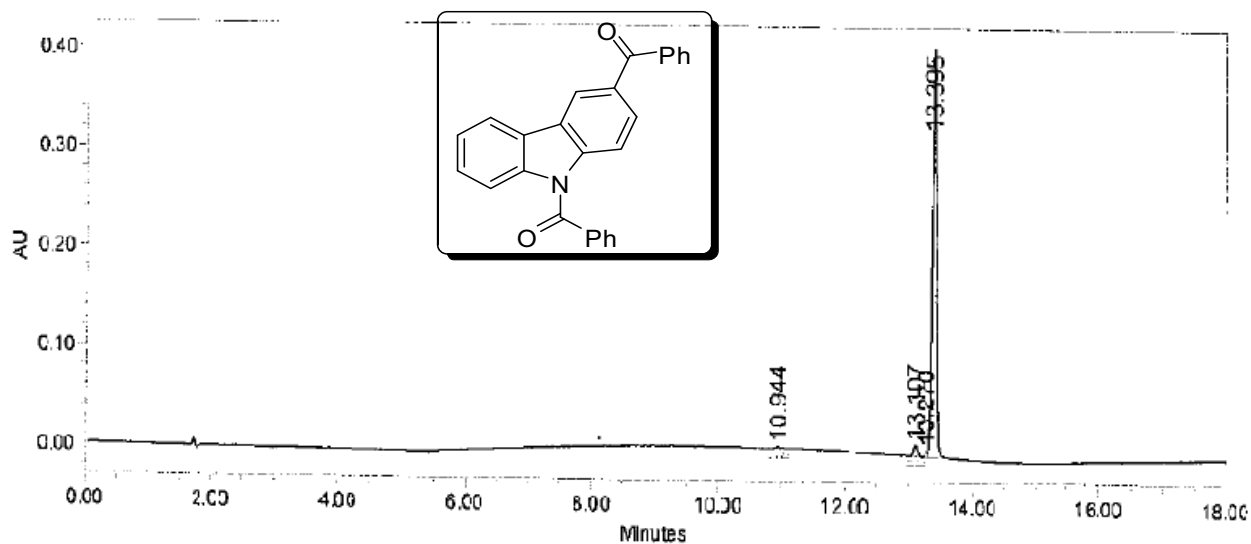
SAMPLE INFORMATION

Sample Name: ILS/KSM0-1
 Sample Type: Unknown
 Vial: 3
 Injection #: 1
 Injection Volume: 5.00 ul
 Run Time: 18.0 Minutes

Acquired By: System
 Sample Set Name: 070314
 Acq. Method Set: MKT_NEW
 Processing Method: MKT_NEW PRO
 Channel Name: 254.0nm
 Proc. Chnl. Descr.: PDA 254.0 nm

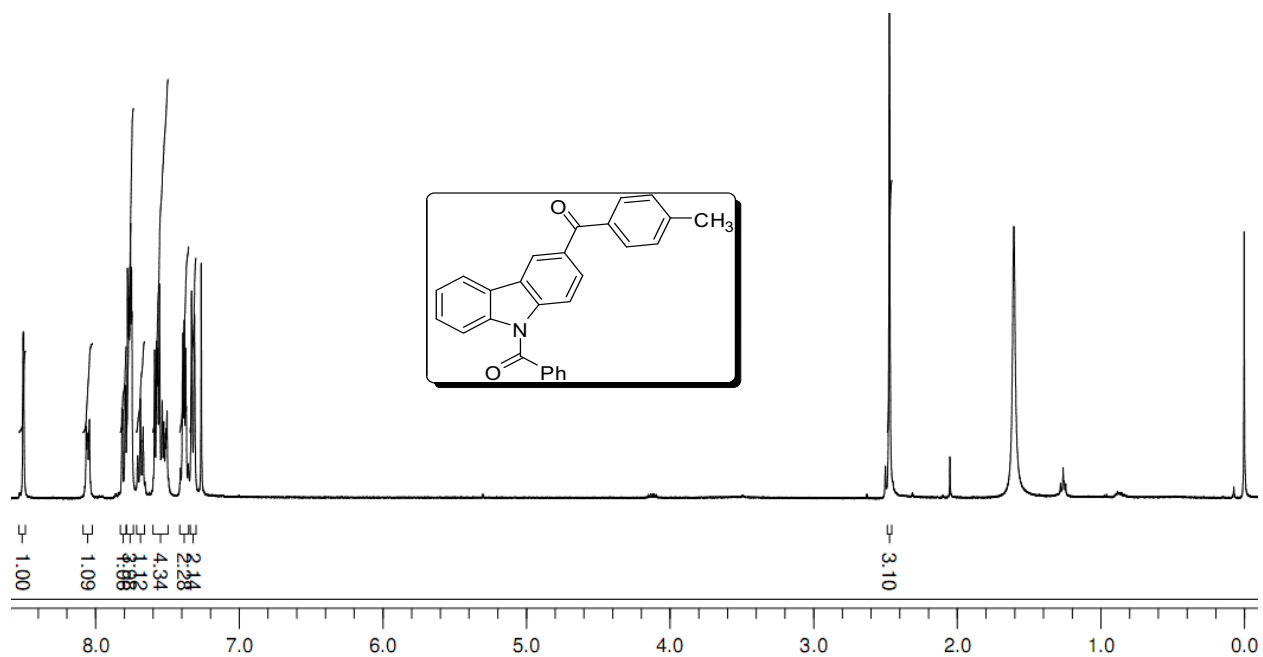
Date Acquired: 3/7/2014 6:01:04 PM IST
 Date Processed: 3/13/2014 9:27:19 AM IST

Column: XBRIDGE C-18 150*4.3mm 5µm
 Mobile phase: A: 0.1%FA in water B: ACN
 T/%B: 0/20, 3/20 12/100, 18/100
 Flow: 1.0ml/min, Diluent: ACN

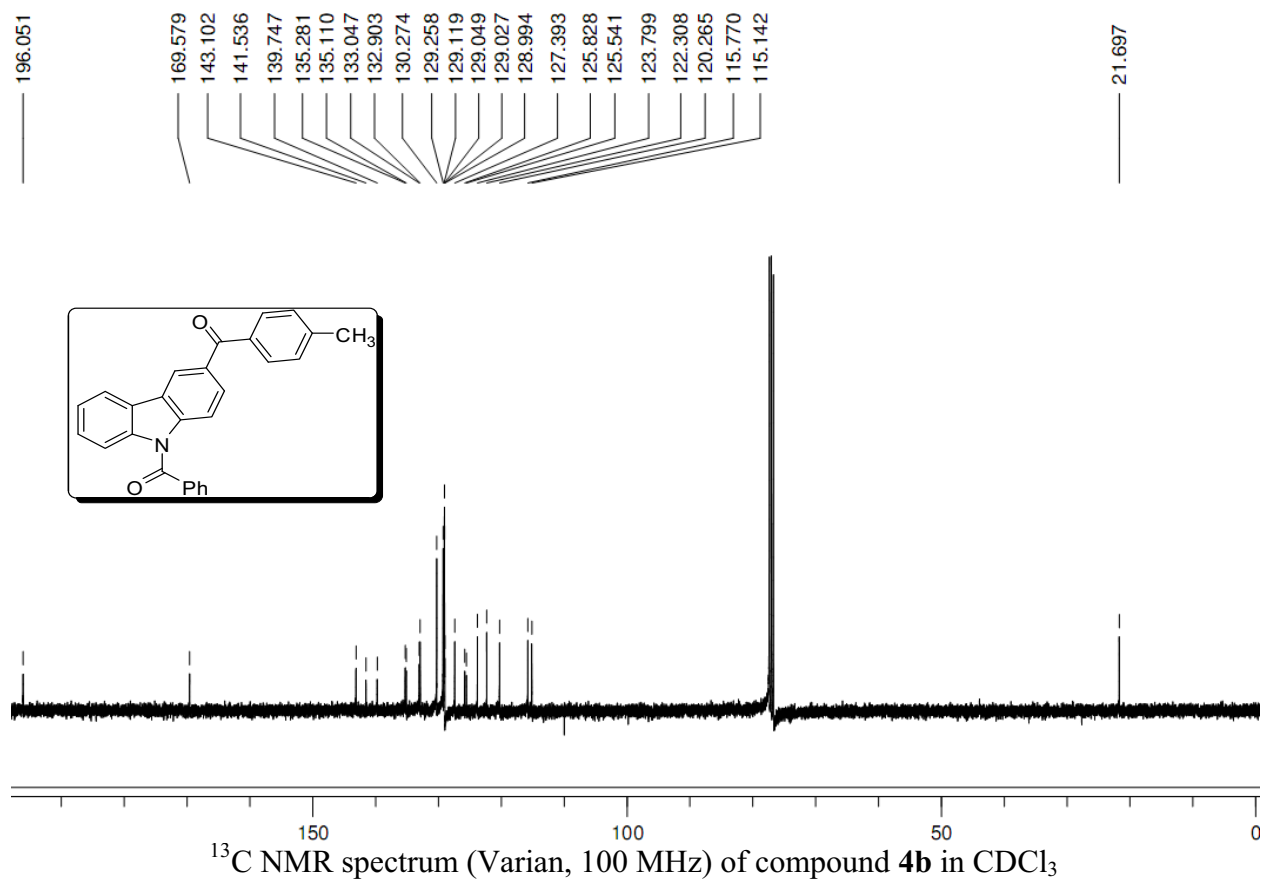


	RT	Area	% Area	Height
1	10.944	9906	0.69	1999
2	13.107	38454	2.67	11436
3	13.270	18722	1.26	5701
4	13.395	1374807	95.39	409878

Analysed By: *M. 10/03/14*



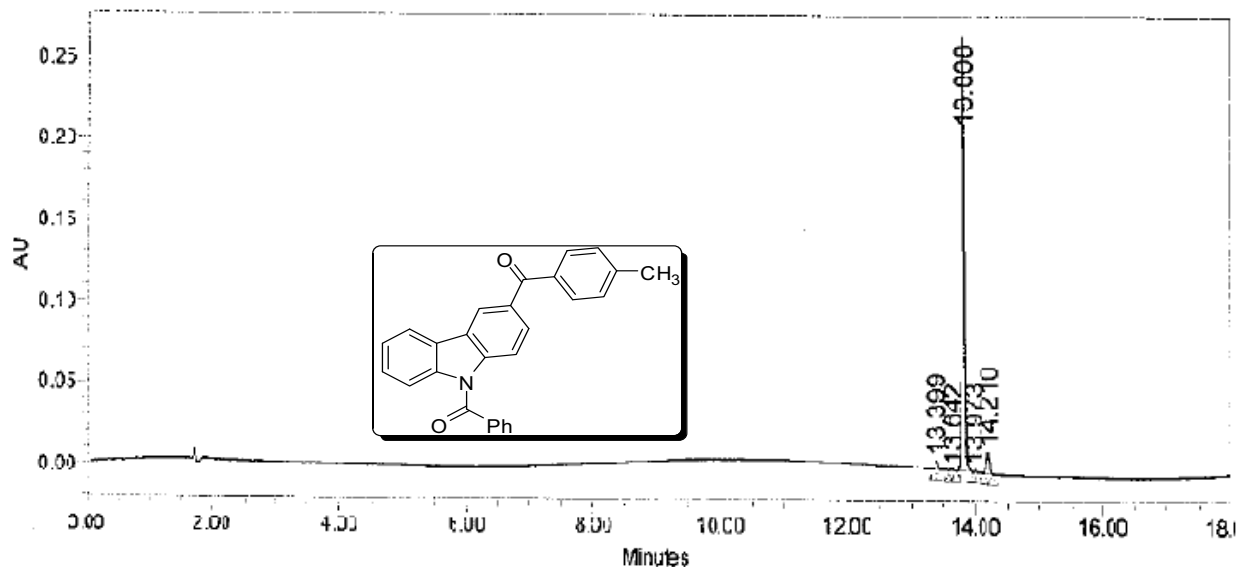
^1H NMR (Varian, 400 MHz) spectrum of compound **4b** in CDCl_3



SAMPLE INFORMATION

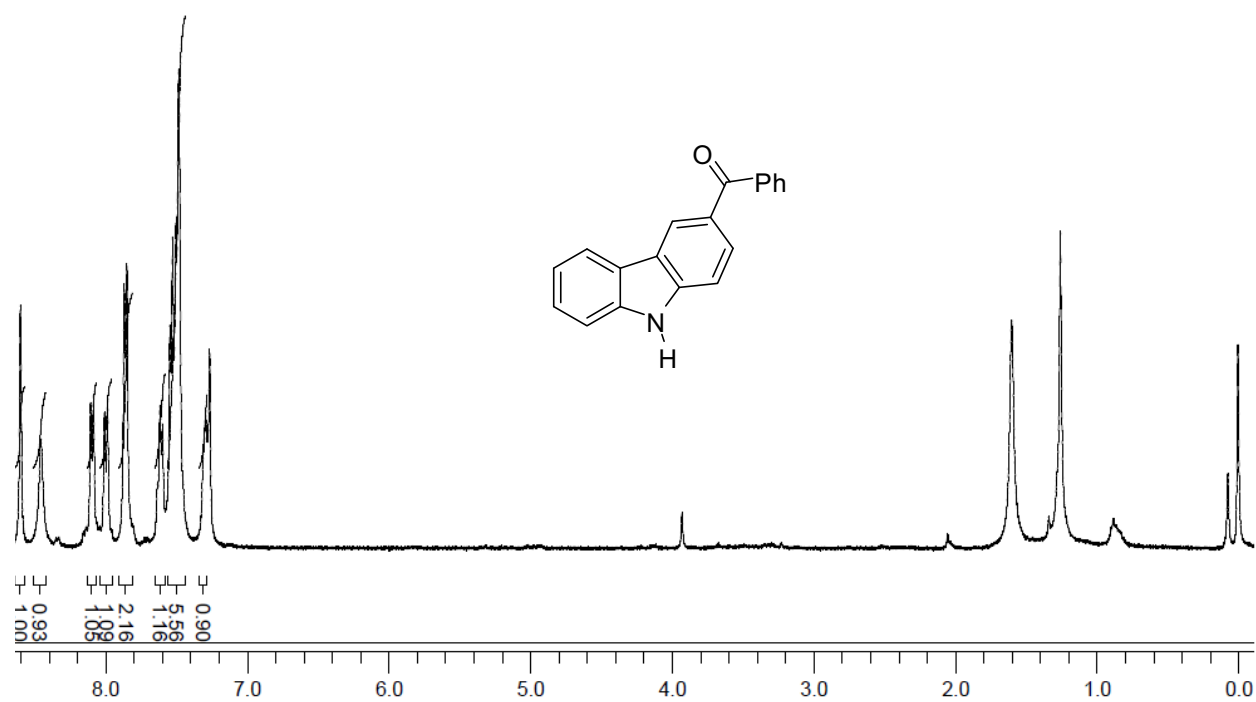
Sample Name: LS/KSM8-5	Acquired By: System	Sample Set Name: 070314
Sample Type: Unknown	Acq. Method Set: MKT_NEW	Processing Method: MKT_NEW PRO
Vial: 4	Channel Name: 254.0nm	Proc. Chnl. Descr.: PDA 254.0 nm
Injection #: 1		
Injection Volume: 5.00 ul		
Run Time: 18.0 Minutes		
Date Acquired: 3/7/2014 6:29:21 PM IST		
Date Processed: 3/10/2014 9:28:41 AM IST		

Column: X-BRIDGE C-18 150*4.6mm 5µm
 Mobile phase: A) 0.1%FA in water B) ACN
 77%E 0/20, 3/20 12/100, 18/100
 Flow: 1.0ml/min, Diluent: ACN

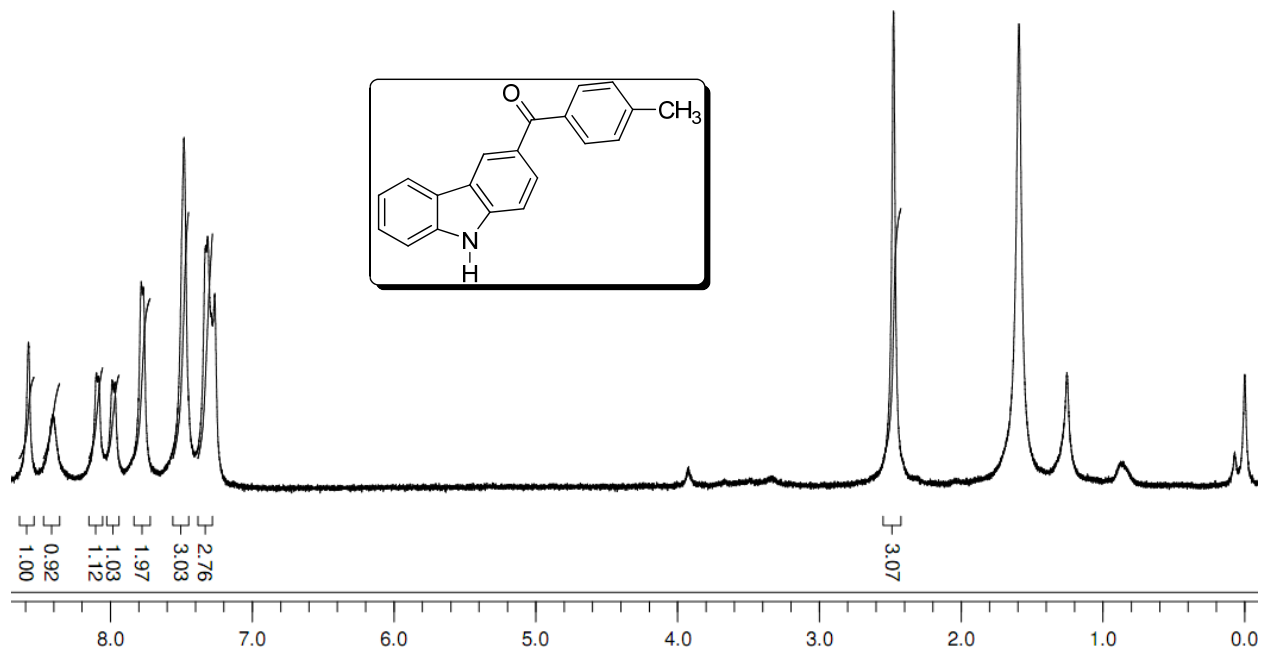


	RT	Area	% Area	Height
1	13.399	17130	1.83	5543
2	13.642	3071	0.33	894
3	13.808	870913	93.00	266289
4	13.973	4109	0.44	1426
5	14.210	41262	4.41	13163

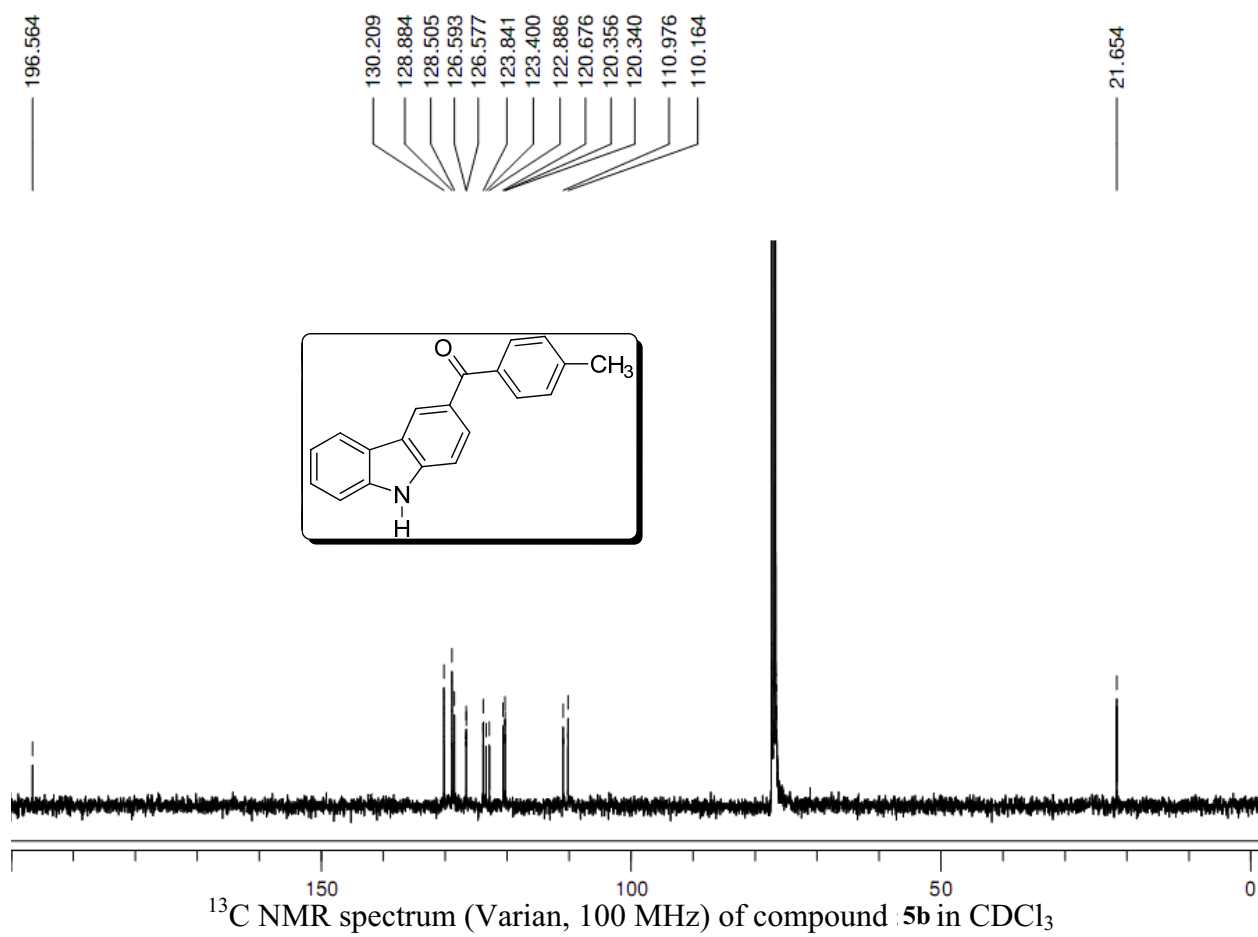
Analysed By
 28/03/14

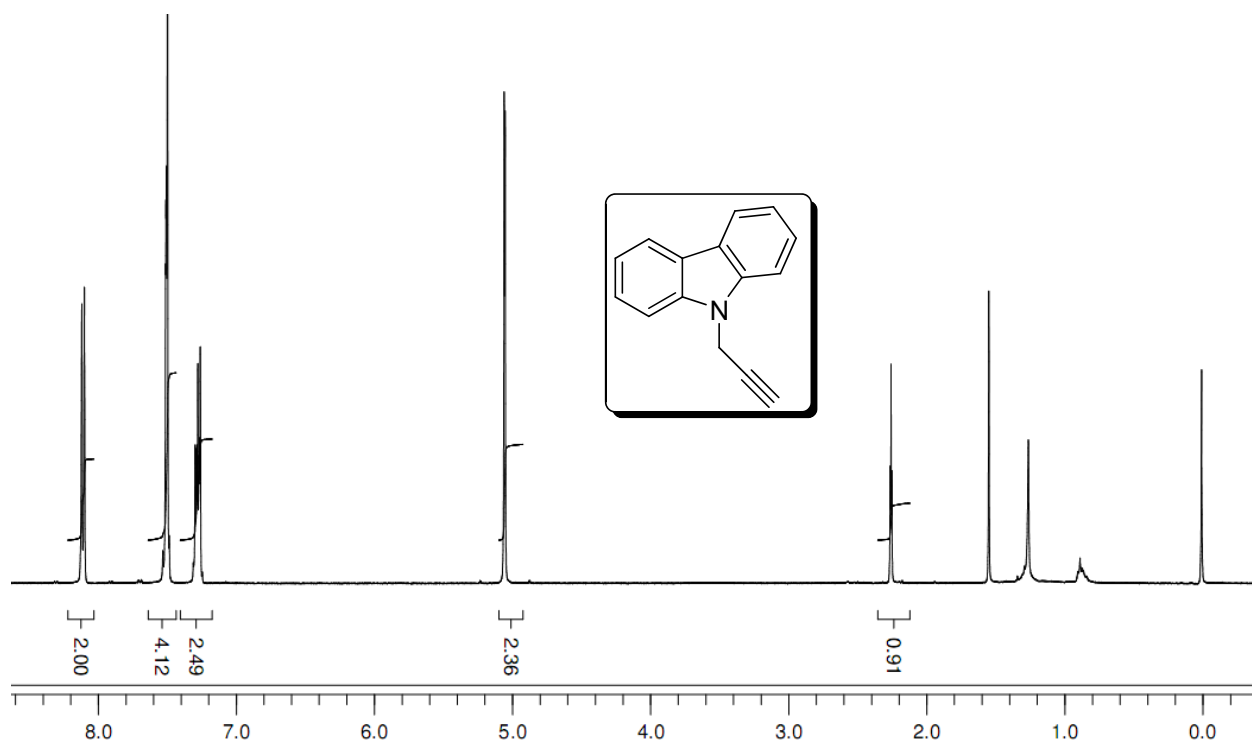


^1H NMR (Varian, 400 MHz) spectrum of compound **5a** in CDCl_3

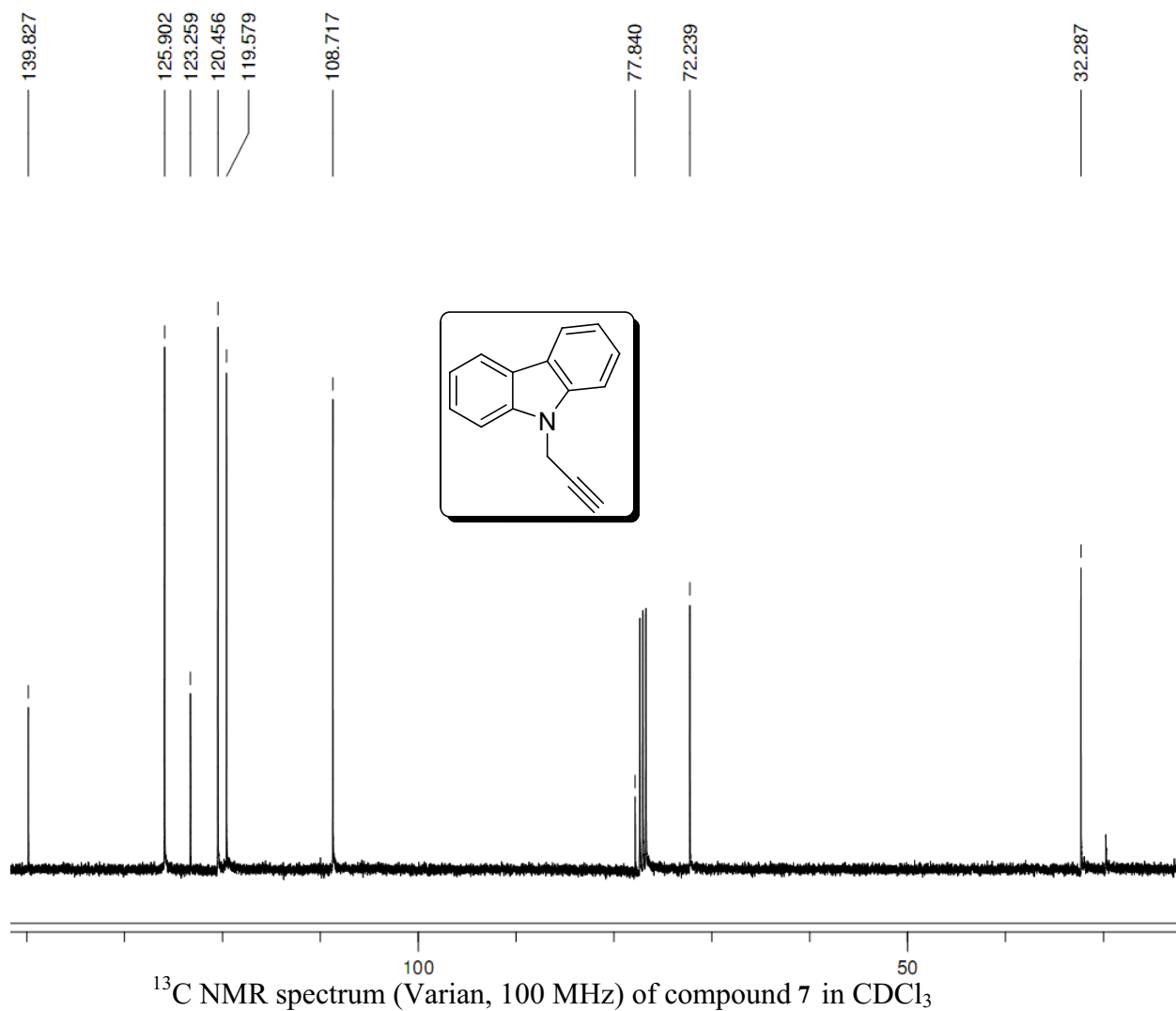


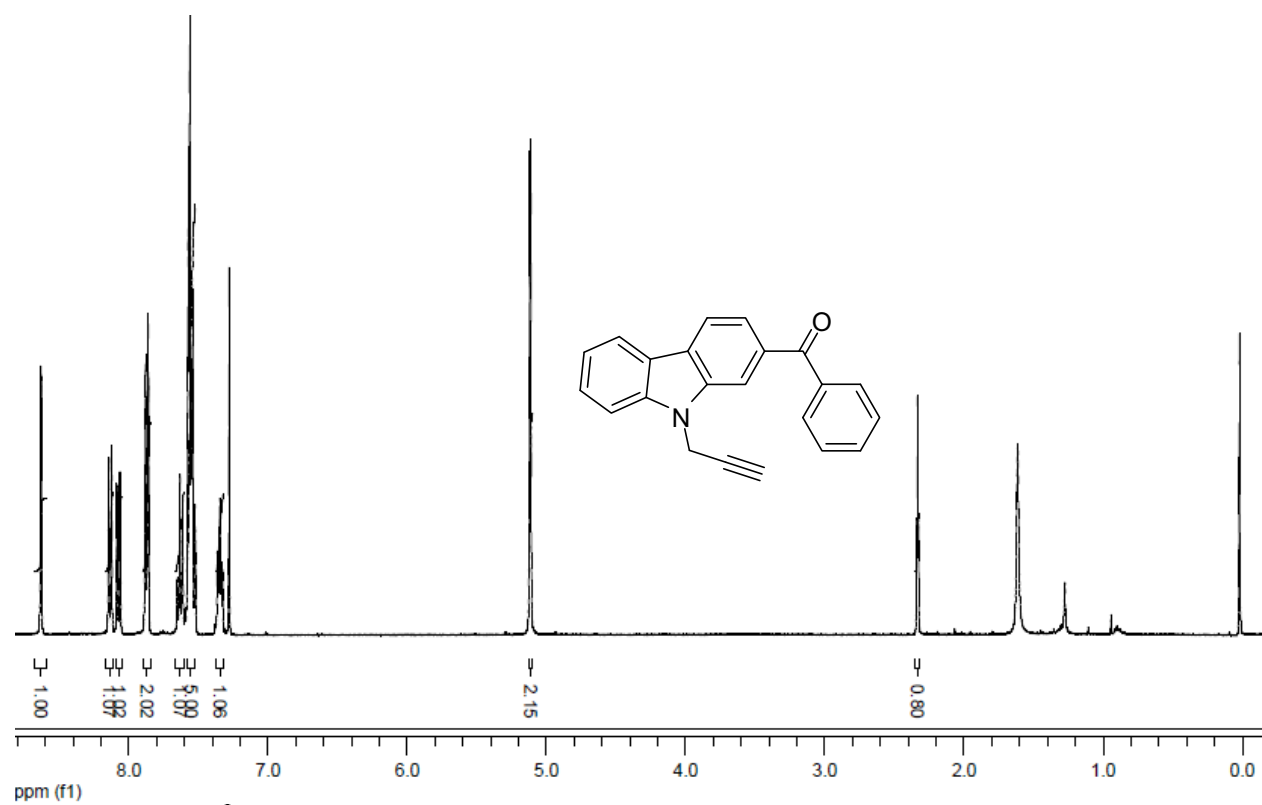
^1H NMR (Varian, 400 MHz) spectrum of compound **5b** in CDCl_3



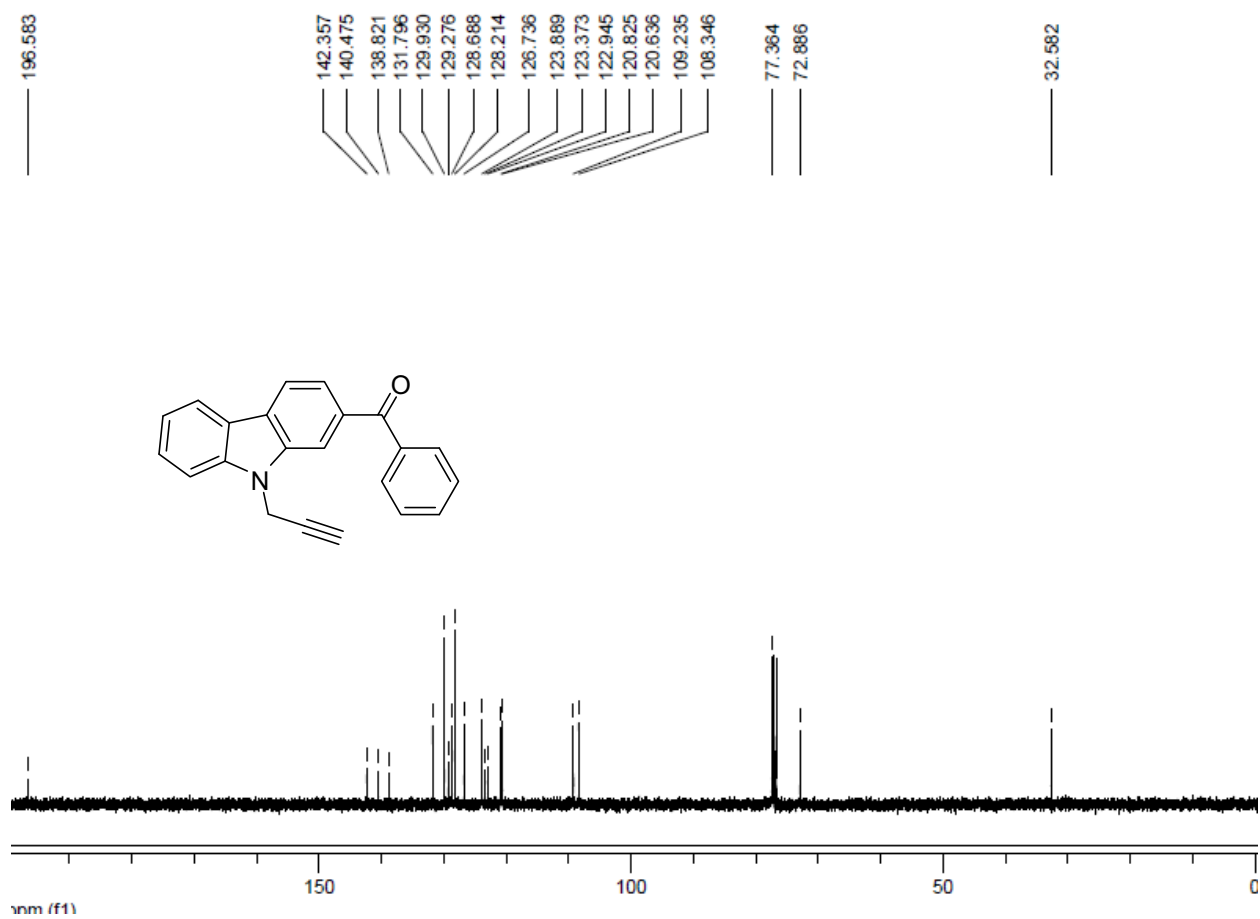


^1H NMR (Varian, 400 MHz) spectrum of compound **7** in CDCl_3





^1H NMR (Varian, 400 MHz) spectrum of compound **8** in CDCl_3



¹³C NMR spectrum (Varian, 100 MHz) of compound 8 in CDCl₃