

Supplementary Material for

Organocatalytic enantioselective conjugate addition of nitromethane to benzylidene-2-benzoyl acetate: Asymmetric synthesis of ABT – 627, an endothelin receptor antagonist

Saumen Hajra^{*1}, Sk Mohammad Aziz^{2,3}, Bibekananda Jana^{1,2}, Sunit Hazra^{2,4}

¹Centre of Biomedical Research, Sanjay Gandhi Post-Graduate Institute of Medical Sciences Campus, Raebareli Road, Lucknow 226014, India

²Department of Chemistry, Indian Institute of Technology Kharagpur, Kharagpur 721302, India

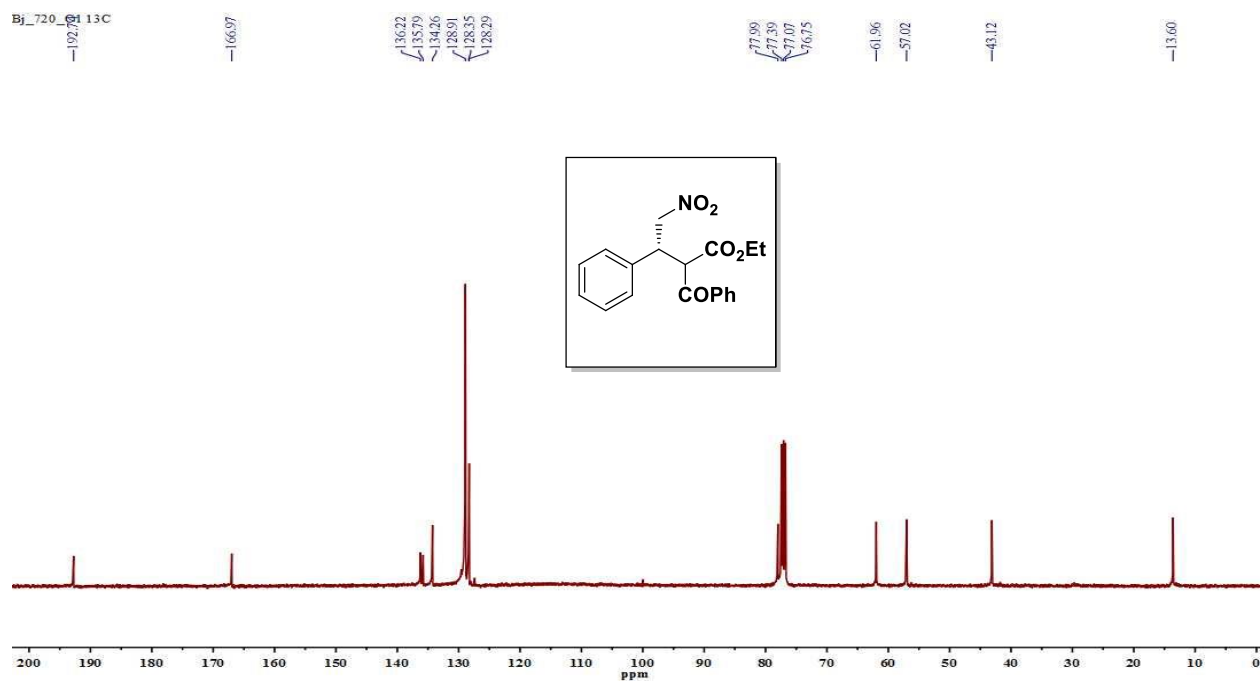
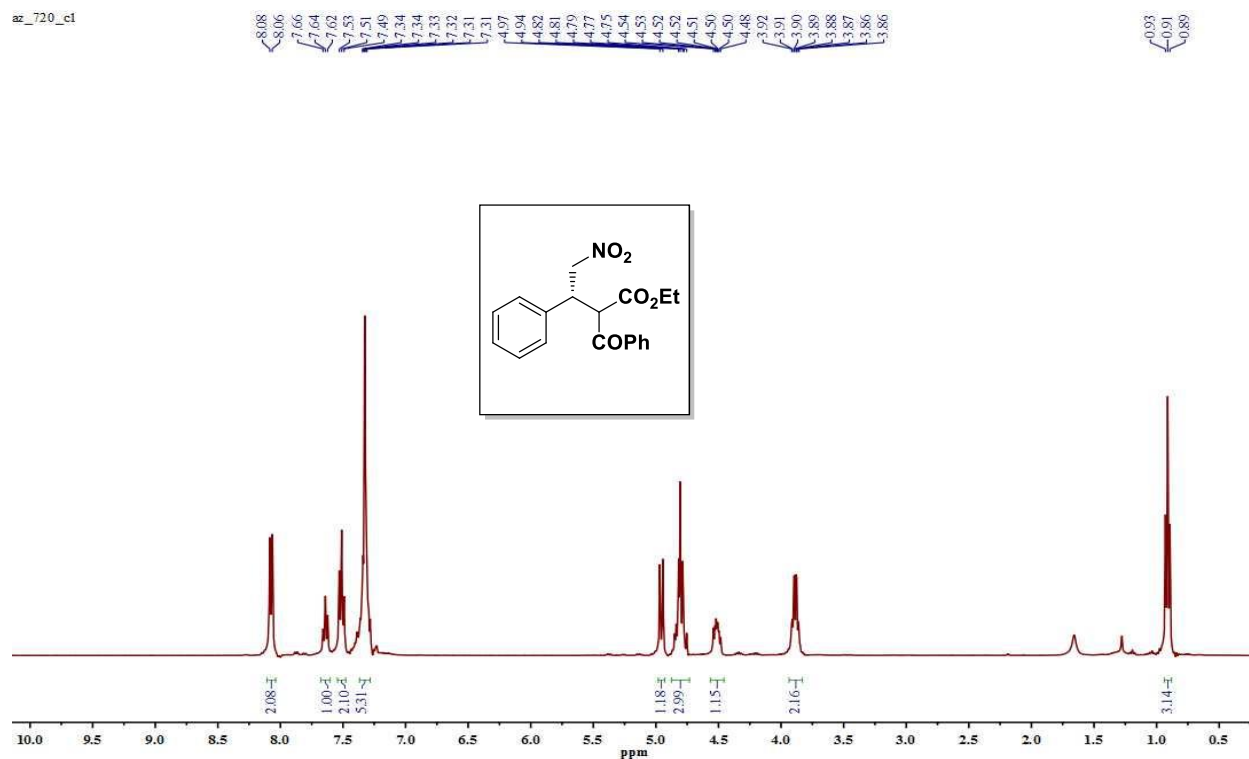
³Present address: Department of Chemistry, Narajole Raj College, Narajole, West Midnapore 721211, India

⁴Present address: Department of Applied Chemistry, Graduate School of Engineering, Osaka University, Suita, Osaka – 5650871, Japan

Table of Contents

List of contents	Page
Title, authors' name, address and tables	S1
NMR copies of compounds	S2-S19
HPLC copies of compounds	S20-S35

¹H NMR and ¹³C NMR Spectra of all Compounds:

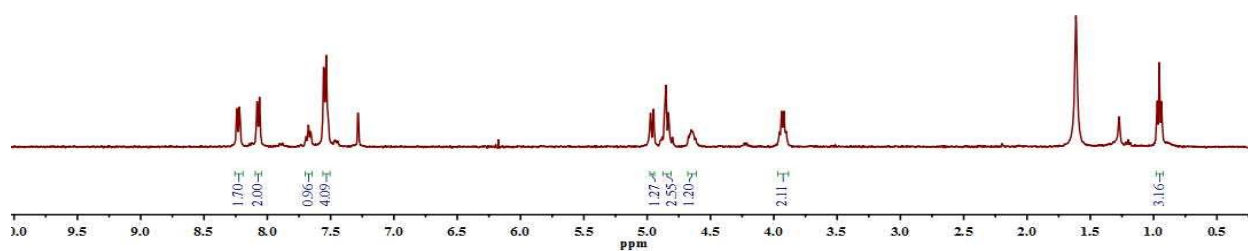
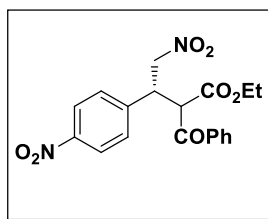


az_737_c1

8.24
8.22
8.08
8.06
7.69
7.68
7.56
7.55
7.53
7.52
7.28

4.98
4.97
4.95
4.86
4.86
4.85
4.85
4.83
4.83
4.82
4.67
4.66
4.65
4.64
4.64
4.63
4.62
3.96
3.94
3.92
3.90

0.97
0.97
0.96
0.95
0.94
0.93



¹H NMR Spectrum of Compound **2b** (400 MHz, CDCl₃)

Bj_737_02 13C

166.50

147.79

143.84

135.42

134.62

129.49

129.04

128.92

124.08

77.36

77.28

77.05

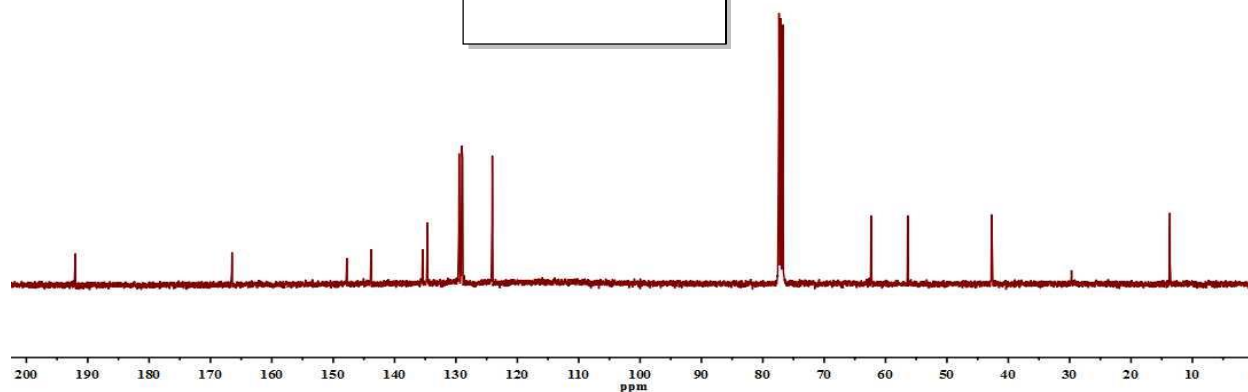
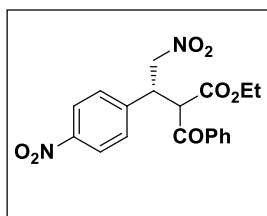
76.73

62.36

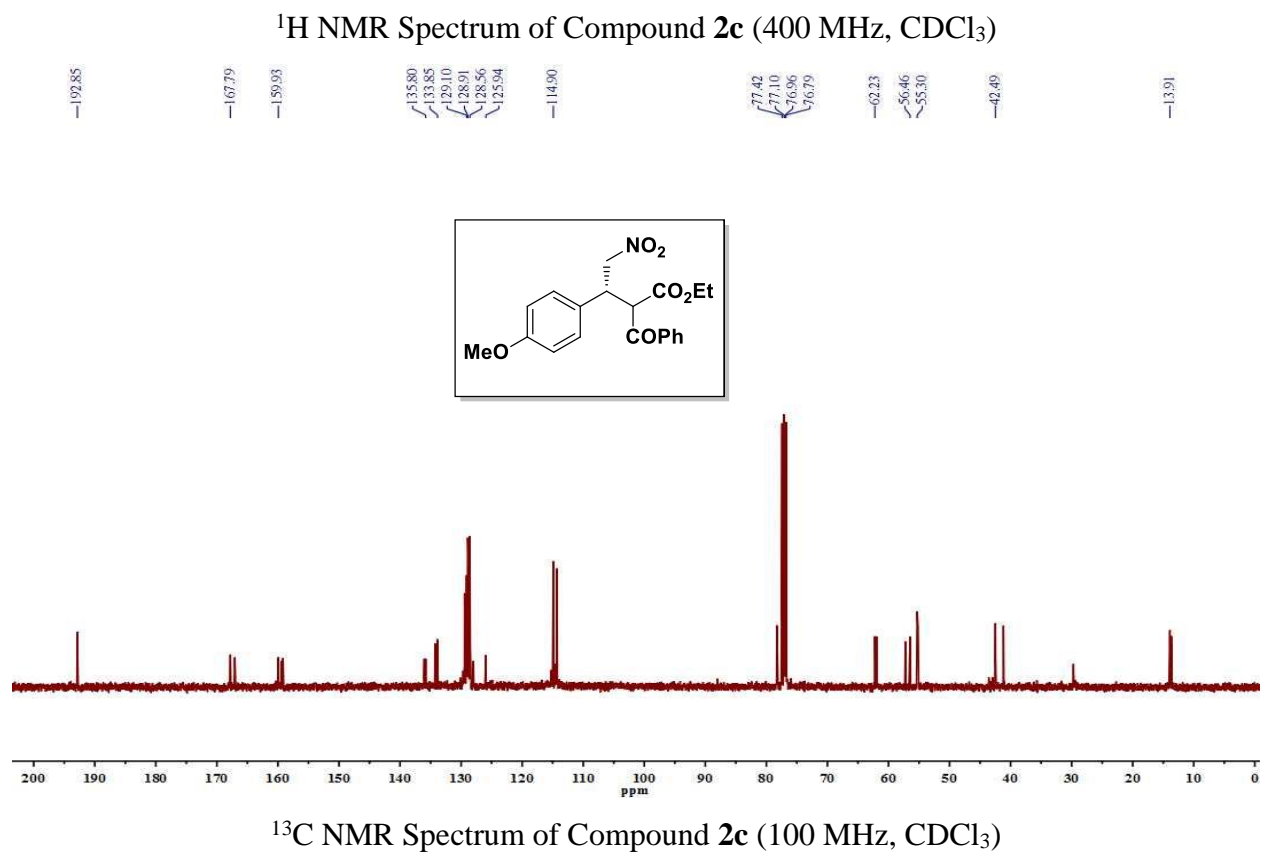
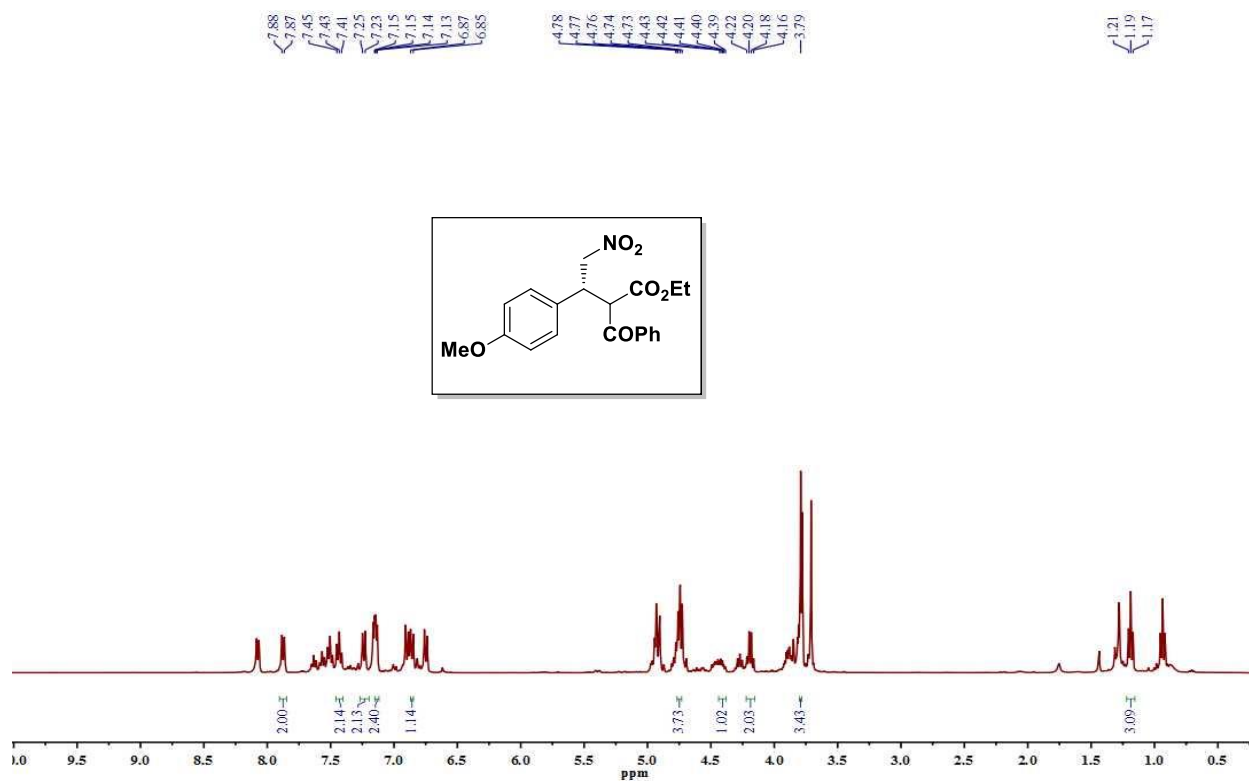
56.39

42.72

13.67



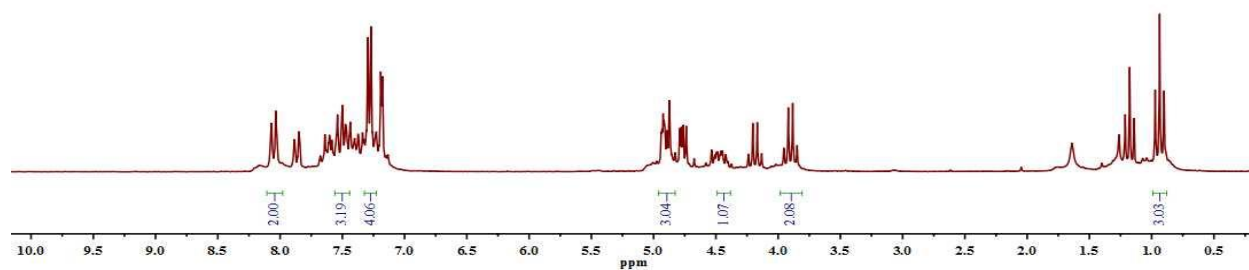
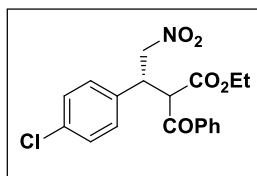
¹³C NMR Spectrum of Compound **2b** (100 MHz, CDCl₃)



sh0714.az.741c1

8.07
8.03
7.55
7.54
7.51
7.50
7.47
7.46
7.44
7.31
7.29
7.27
7.26
7.24
4.94
4.93
4.92
4.91
4.89
4.87
4.85
4.83
4.49
4.47
4.46
4.45
4.42
4.40
4.39
3.95
3.92
3.88
3.85

0.97
0.94
0.90



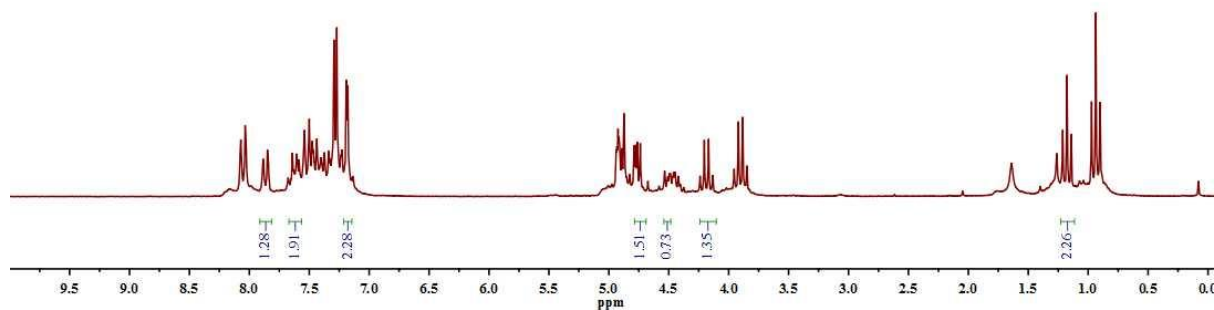
¹H NMR Spectrum of Compound **2d** (Major Diastereoisomer) (200 MHz, CDCl₃)

sh0714.az.741c1

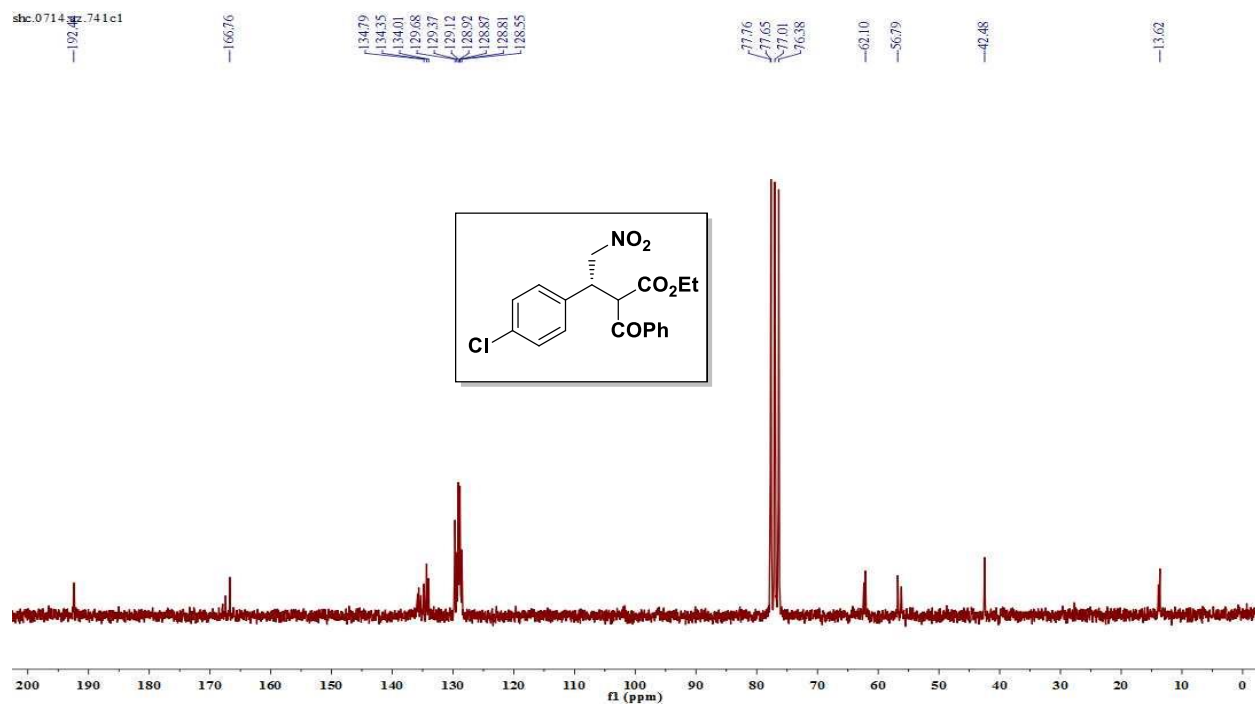
7.897
7.884
7.849
7.841
7.640
7.628
7.611
7.603
7.597
7.584
7.555
7.548
7.539
7.228
7.191
7.178

4.789
4.776
4.762
4.738
4.535
4.509
4.495
4.486
4.469
4.459
4.239
4.203
4.168
4.132

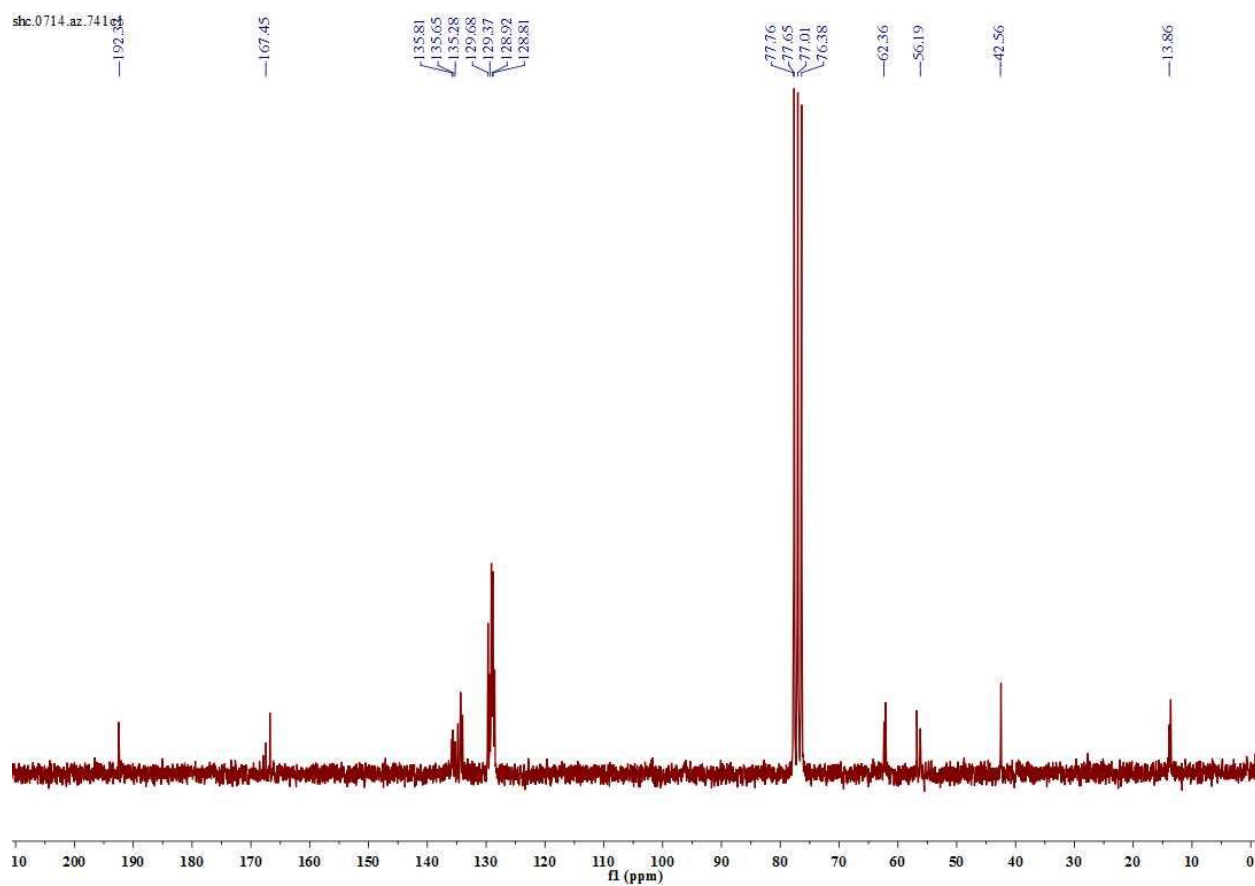
1.212
1.177
1.141



¹H NMR Spectrum of Compound **2d** (Minor Diastereoisomer) (200 MHz, CDCl₃)



¹³C NMR Spectrum of Compound **2d** (Major Diastereoisomer) (50 MHz, CDCl₃)



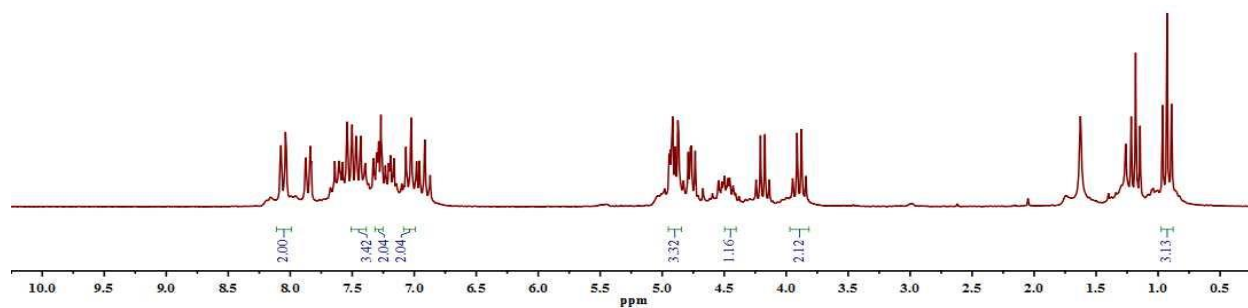
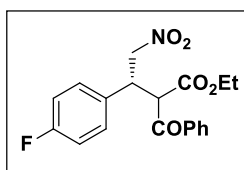
¹³C NMR Spectrum of Compound **2d** (Minor Diastereoisomer) (50 MHz, CDCl₃)

sh0714.az.742c1

8.07
8.04
8.03
7.50
7.47
7.44
7.43
7.40
7.40
7.30
7.29
7.27
7.26
7.08
7.07
7.06
7.02
6.99

4.48
4.47
4.46
4.43
4.41
3.95
3.91
3.88
3.84

0.96
0.93
0.89



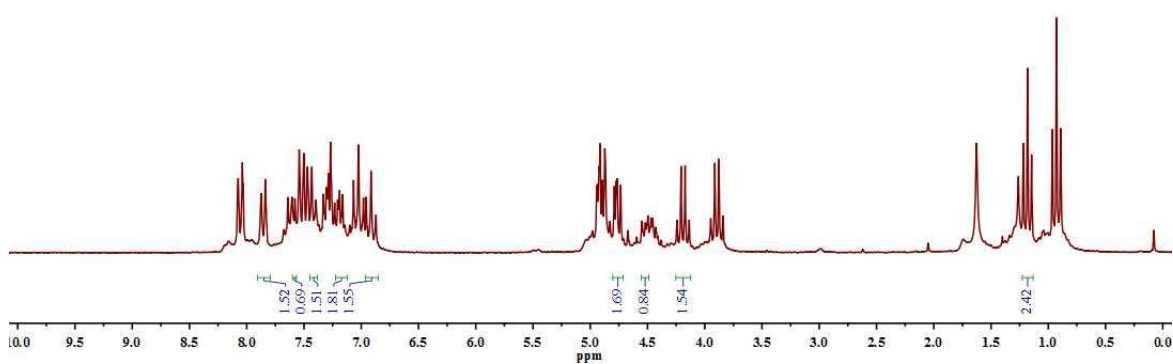
¹H NMR Spectrum of Compound **2e** (Major Diastereoisomer) (200 MHz, CDCl₃)

sh0714.az.742c1

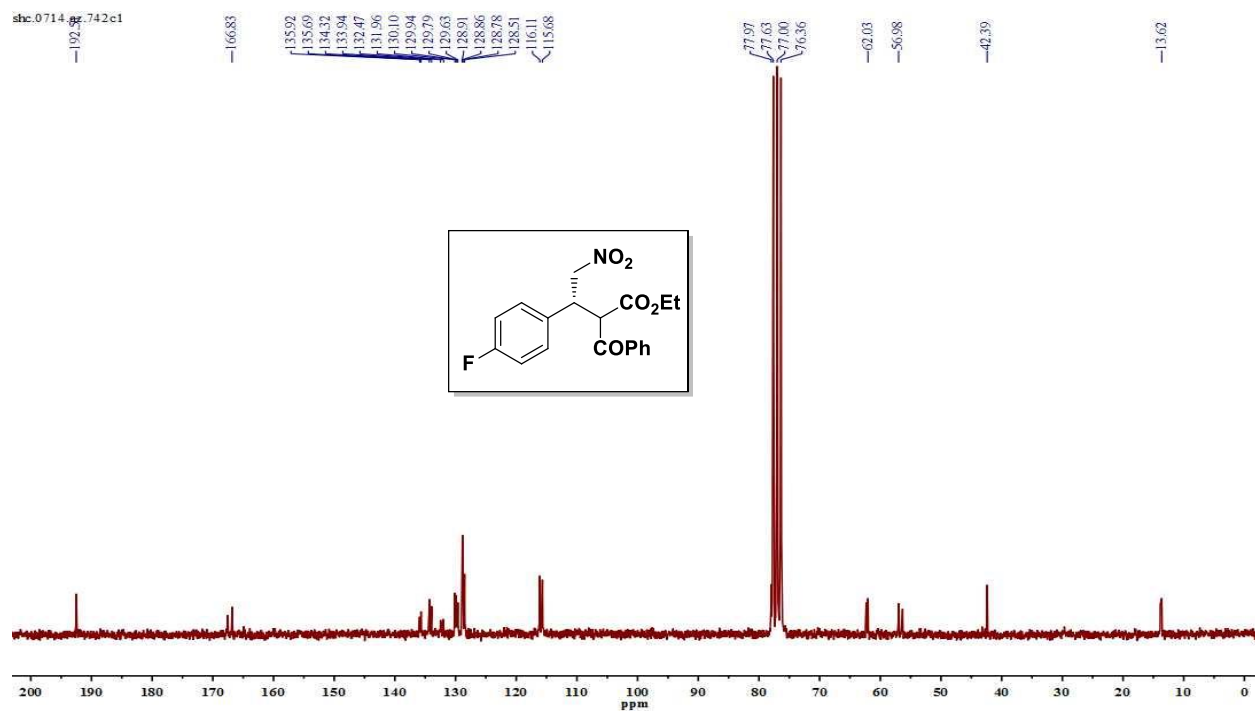
7.880
7.874
7.866
7.839
7.831
7.640
7.611
7.604
7.597
7.579
7.579
7.431
7.412
7.404
7.396
7.390
7.223
7.206
7.189
7.174
7.163
7.144
6.957
6.925
6.915
6.871

4.790
4.773
4.764
4.734
4.547
4.519
4.507
4.496
4.243
4.207
4.172
4.136

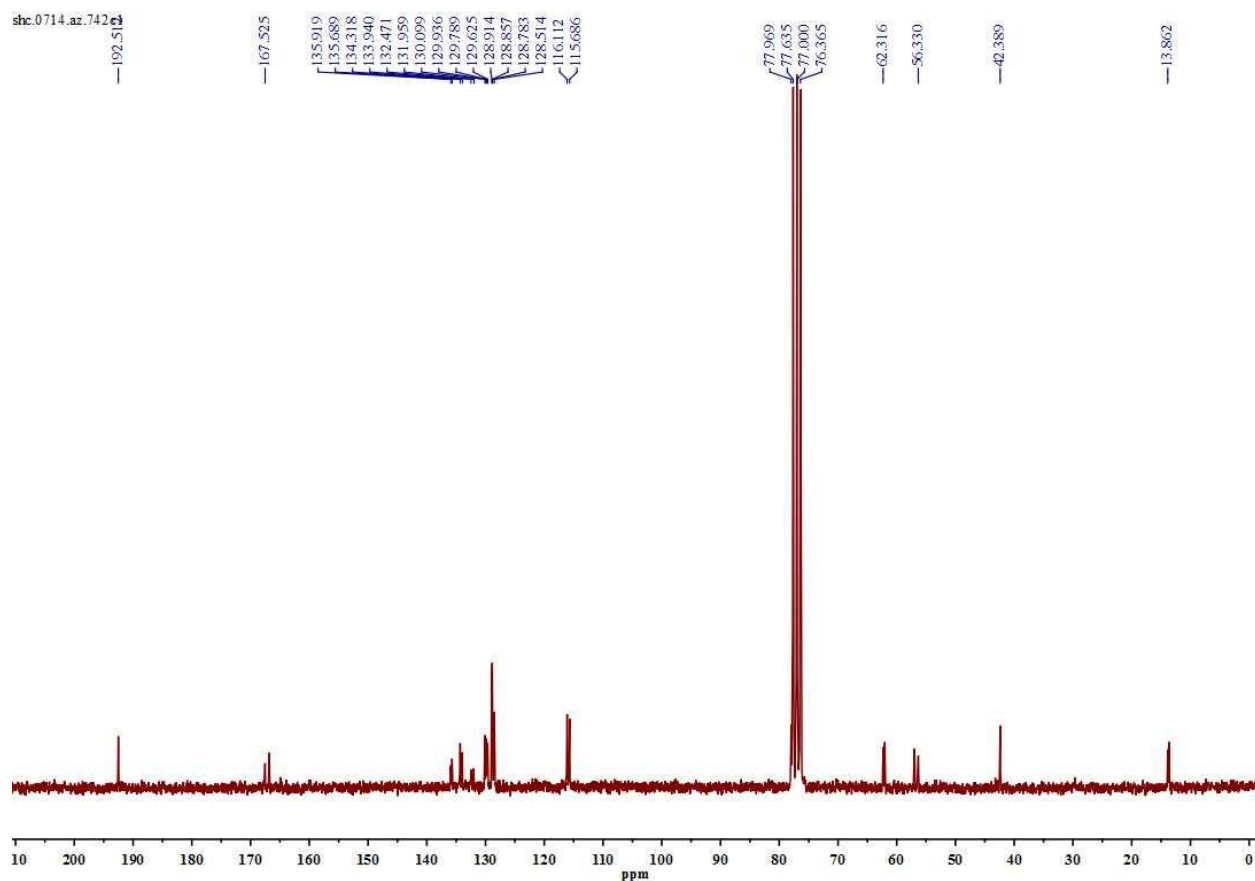
1.217
1.182
1.146



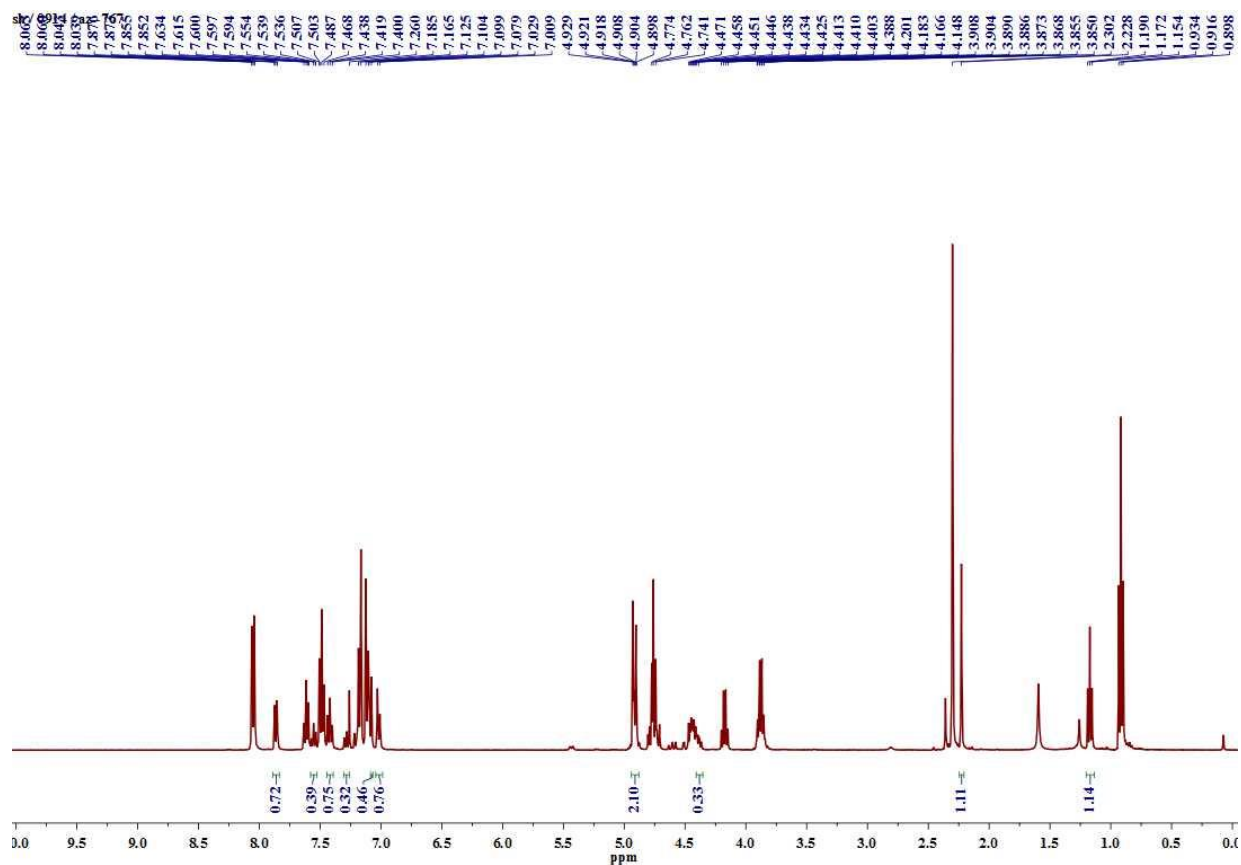
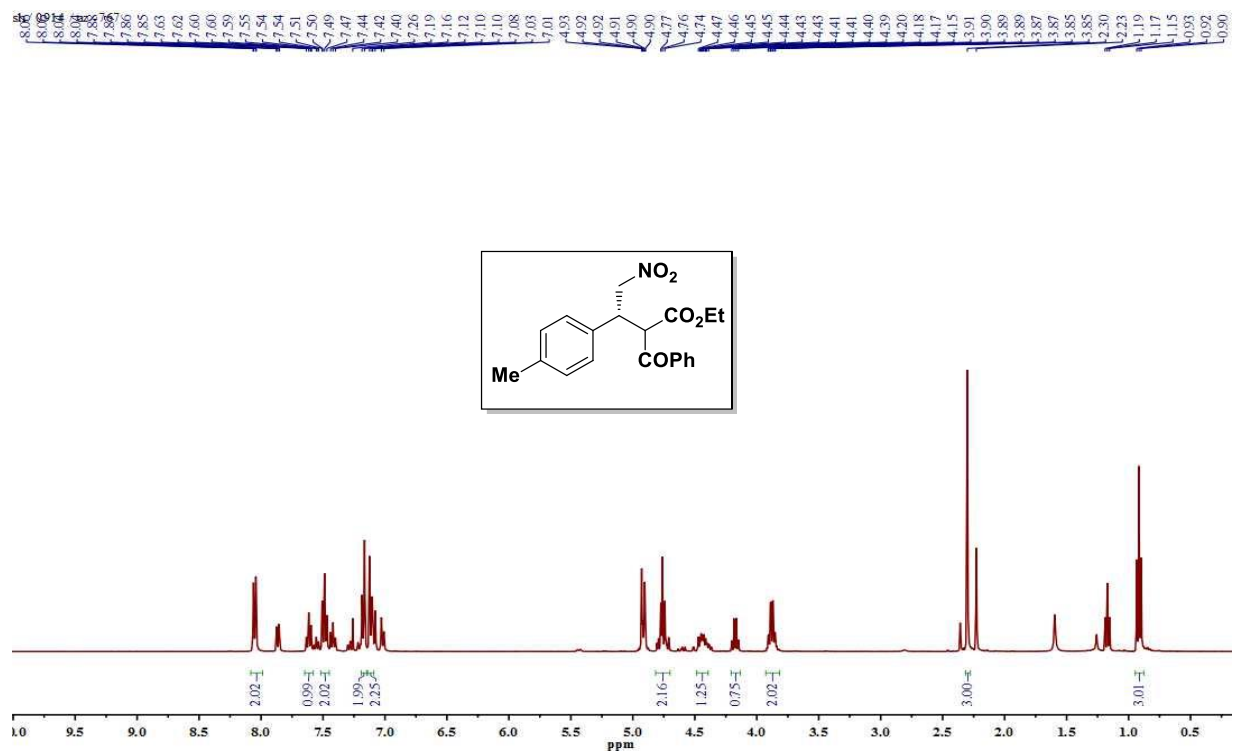
¹H NMR Spectrum of Compound **2e** (Minor Diastereoisomer) (200 MHz, CDCl₃)

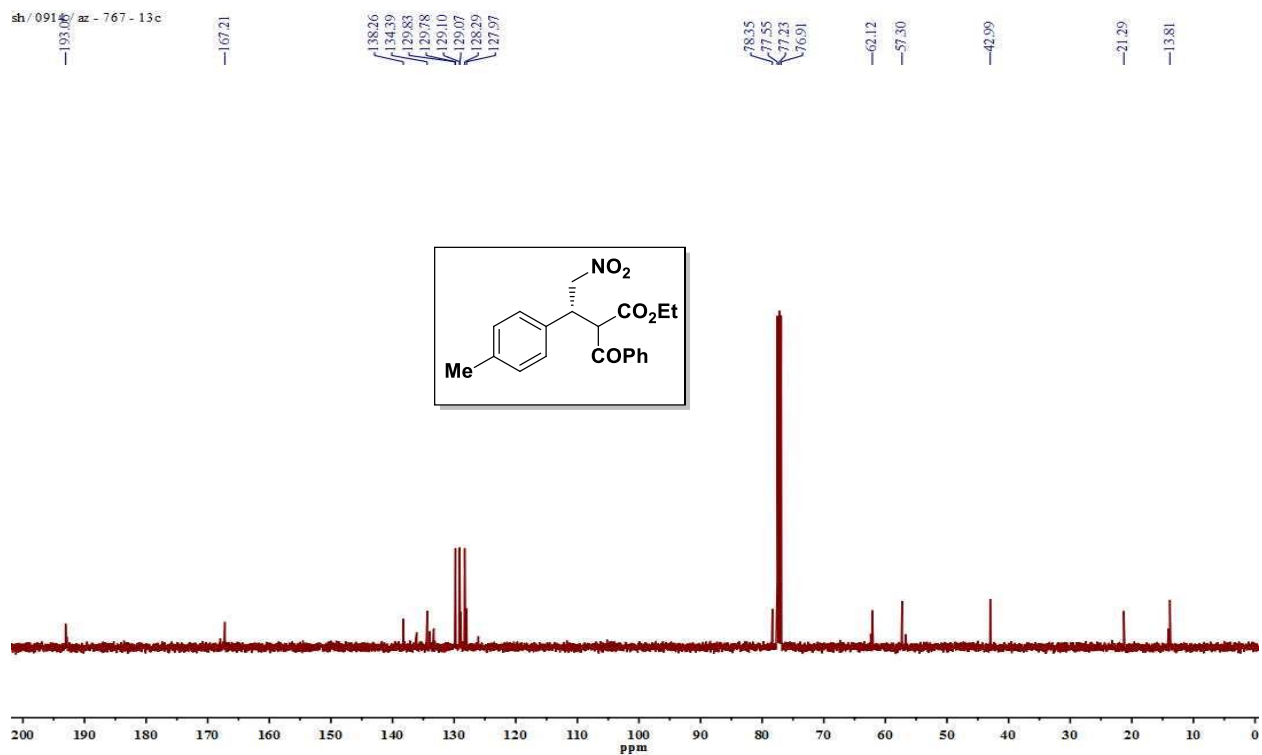


¹³C NMR Spectrum of Compound **2e** (Major Diastereoisomer) (50 MHz, CDCl₃)

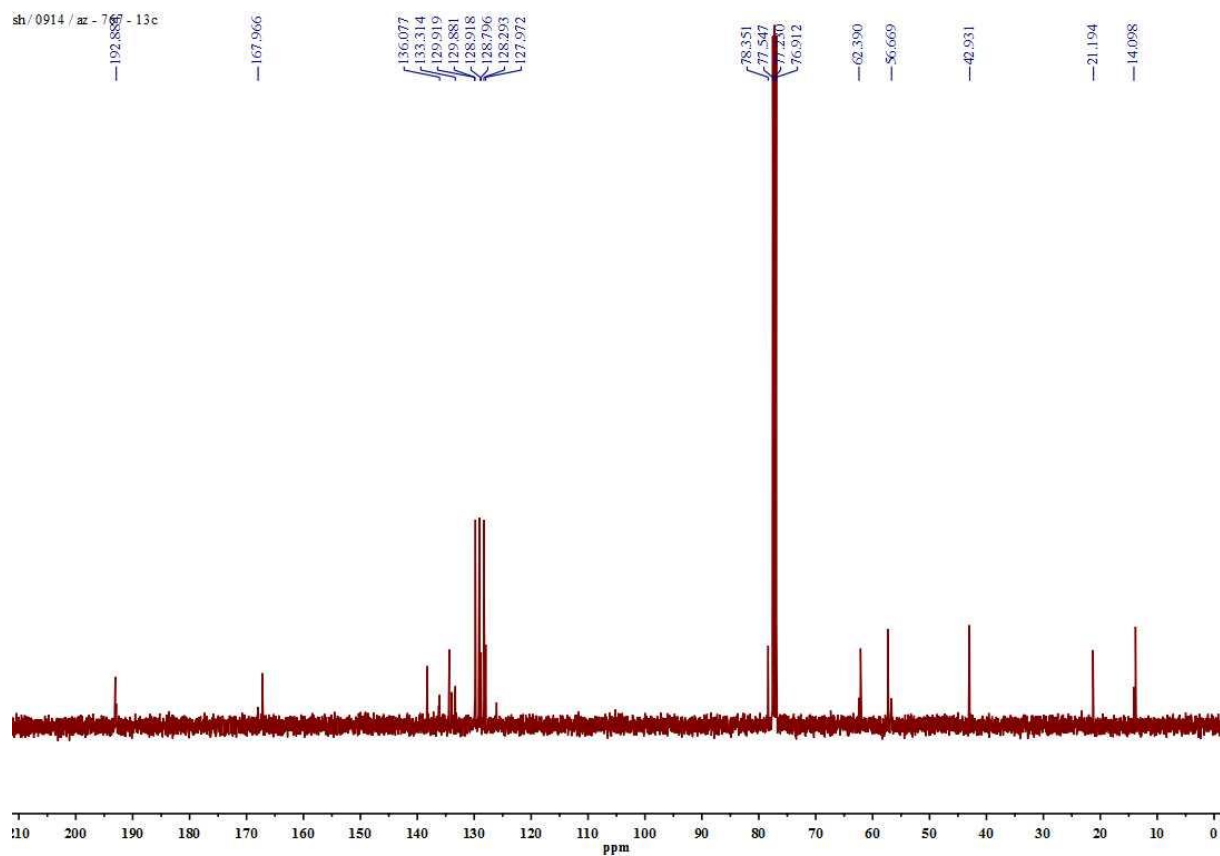


¹³C NMR Spectrum of Compound **2e** (Minor Diastereoisomer) (50 MHz, CDCl₃)

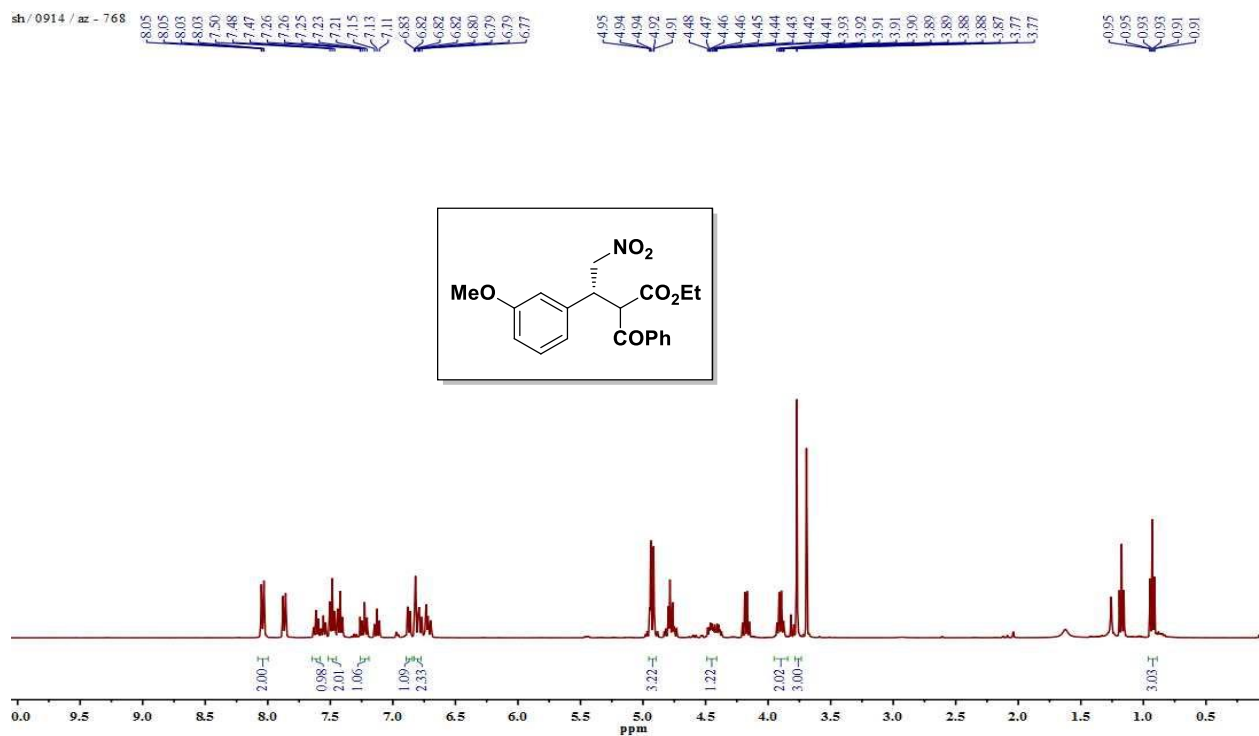




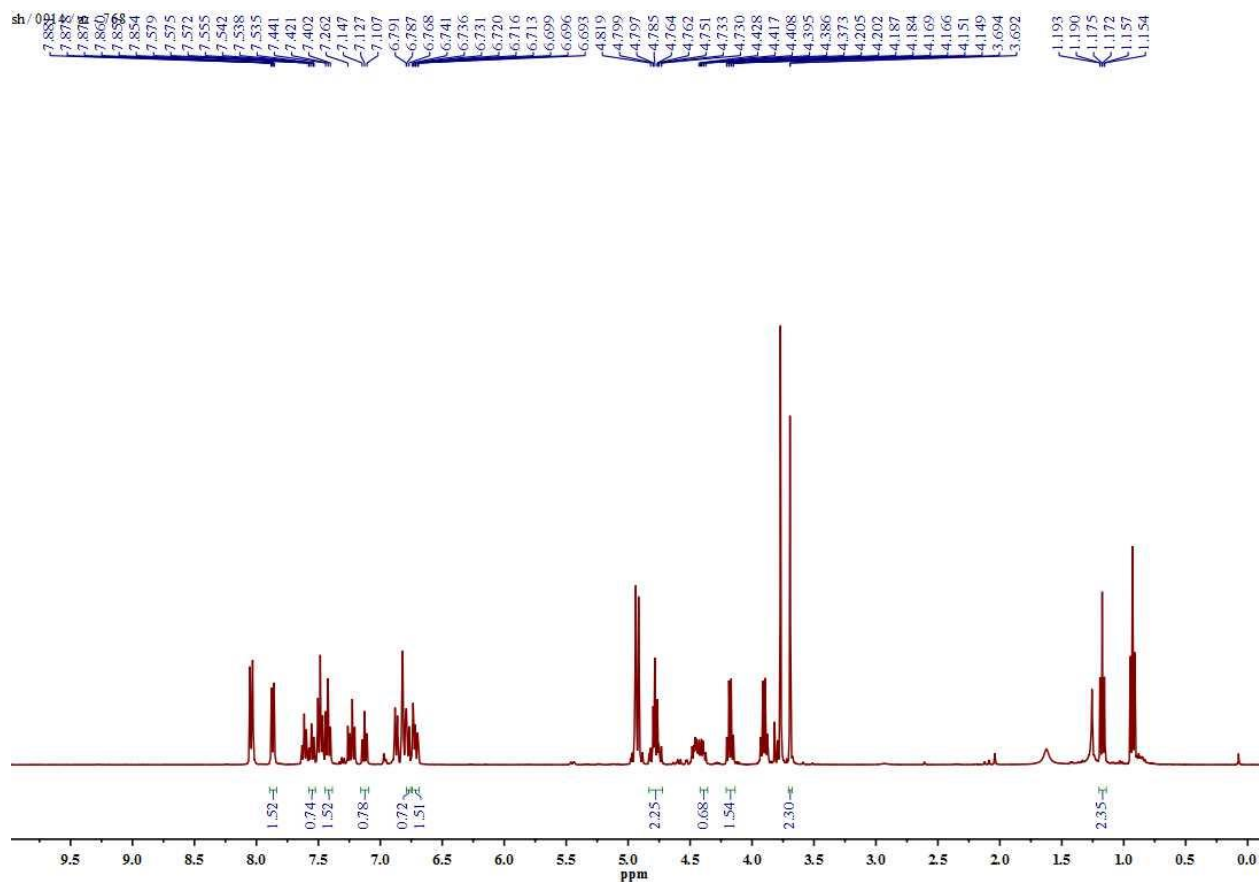
¹³C NMR Spectrum of Compound **2f** (Major Diastereoisomer) (100 MHz, CDCl₃)



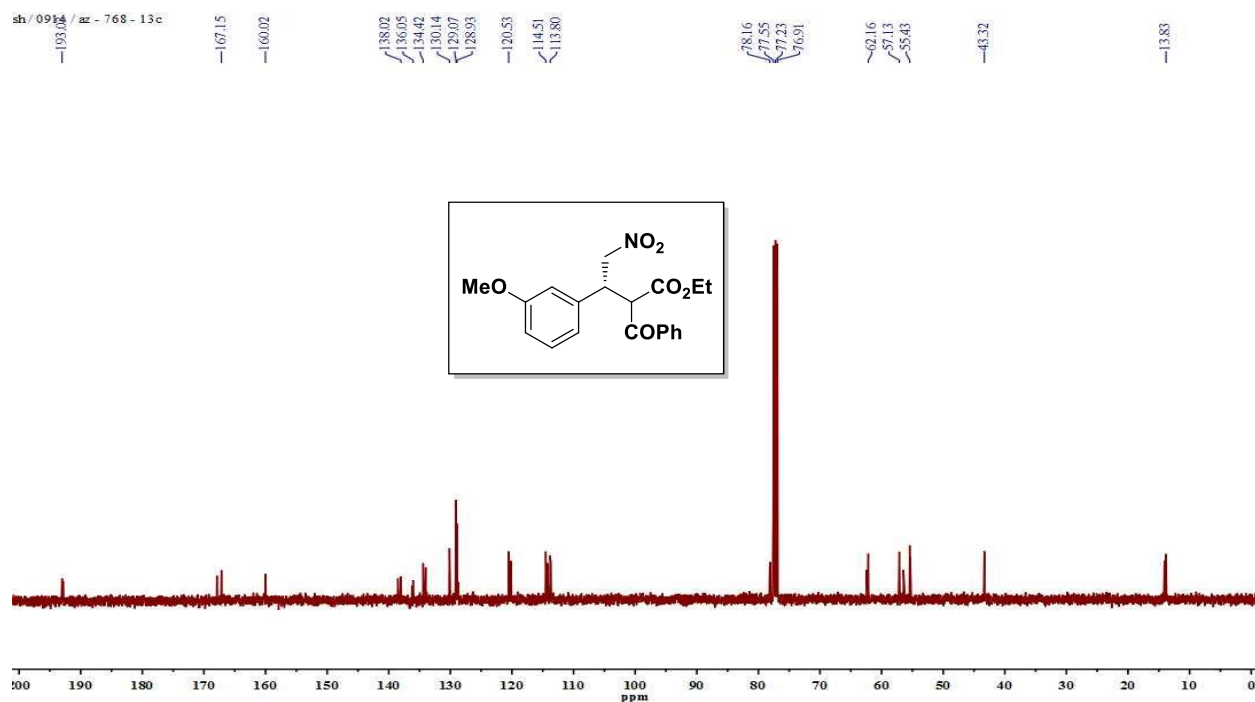
¹³C NMR Spectrum of Compound **2f** (Minor Diastereoisomer) (100 MHz, CDCl₃)



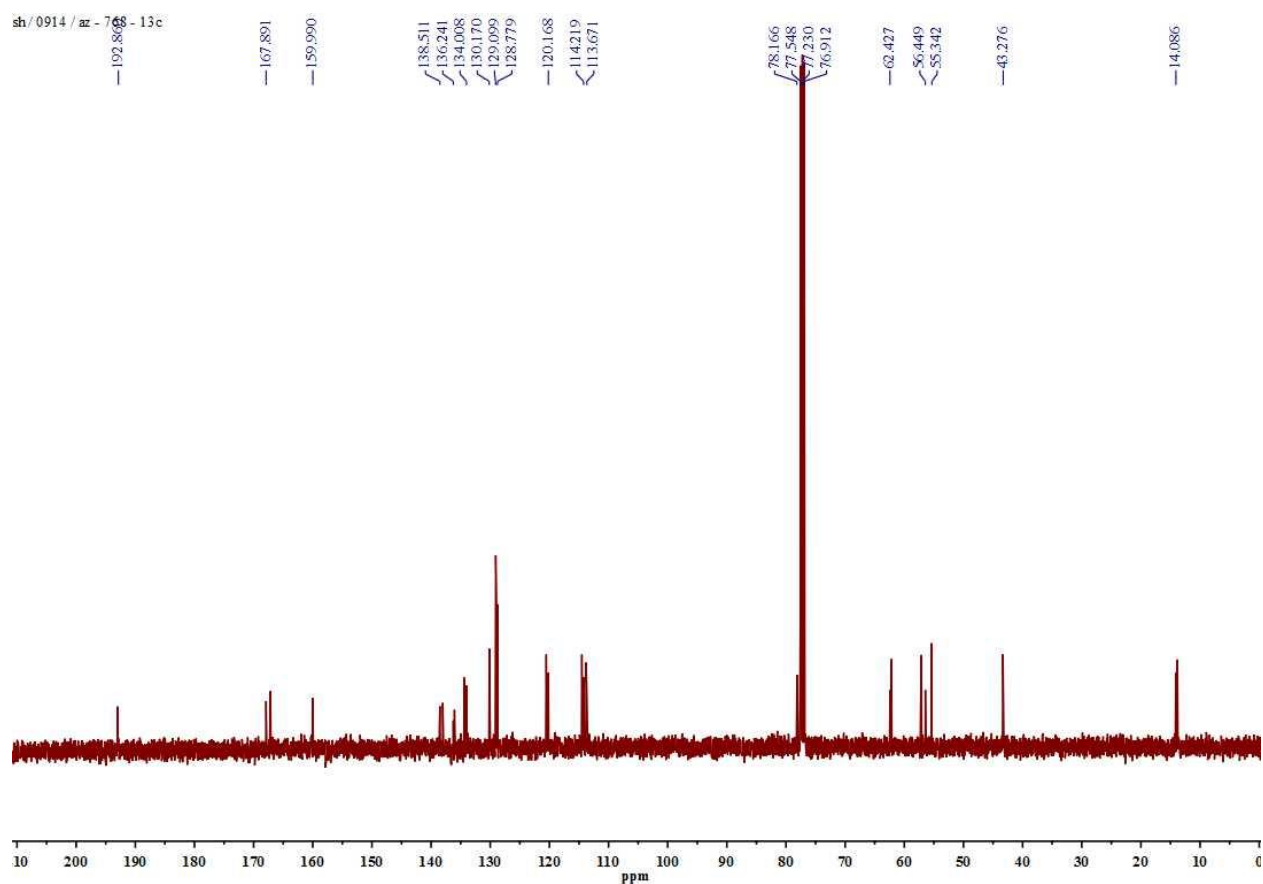
¹H NMR Spectrum of Compound **2g** (Major Diastereoisomer) (400 MHz, CDCl₃)



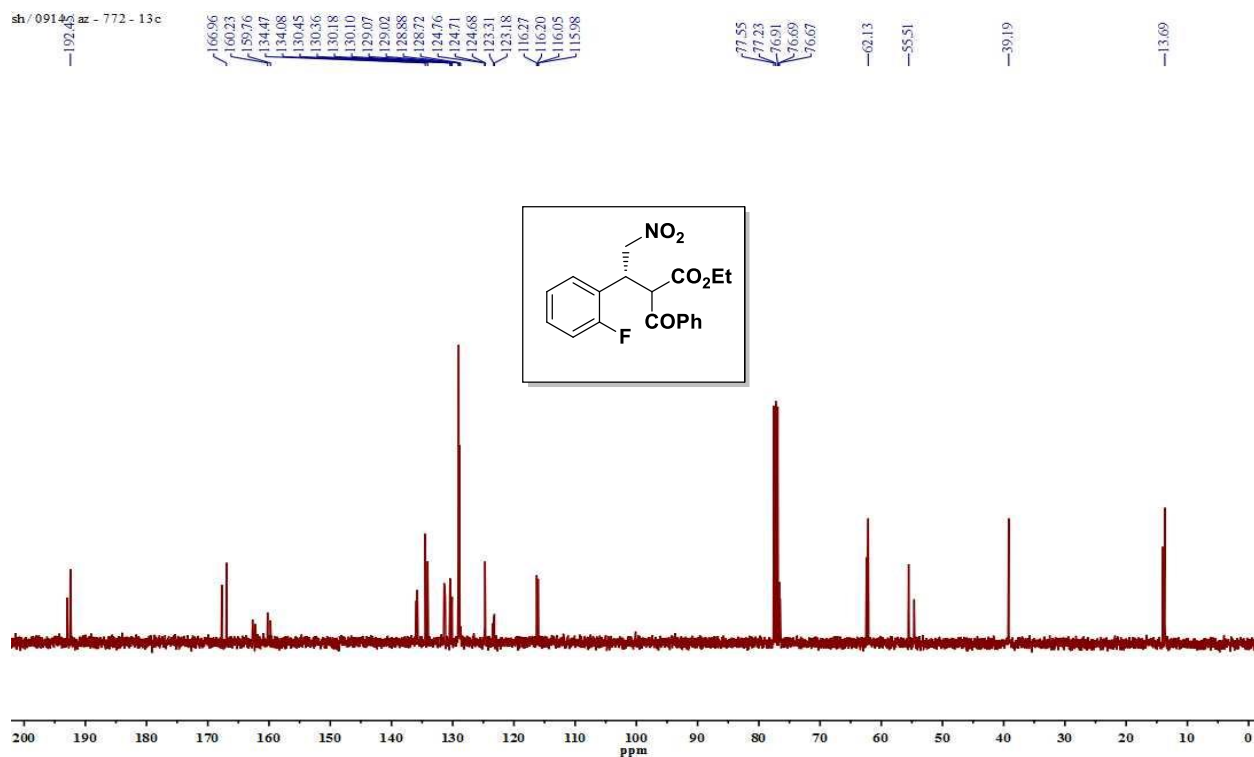
¹H NMR Spectrum of Compound **2g** (Minor Diastereoisomer) (400 MHz, CDCl₃)



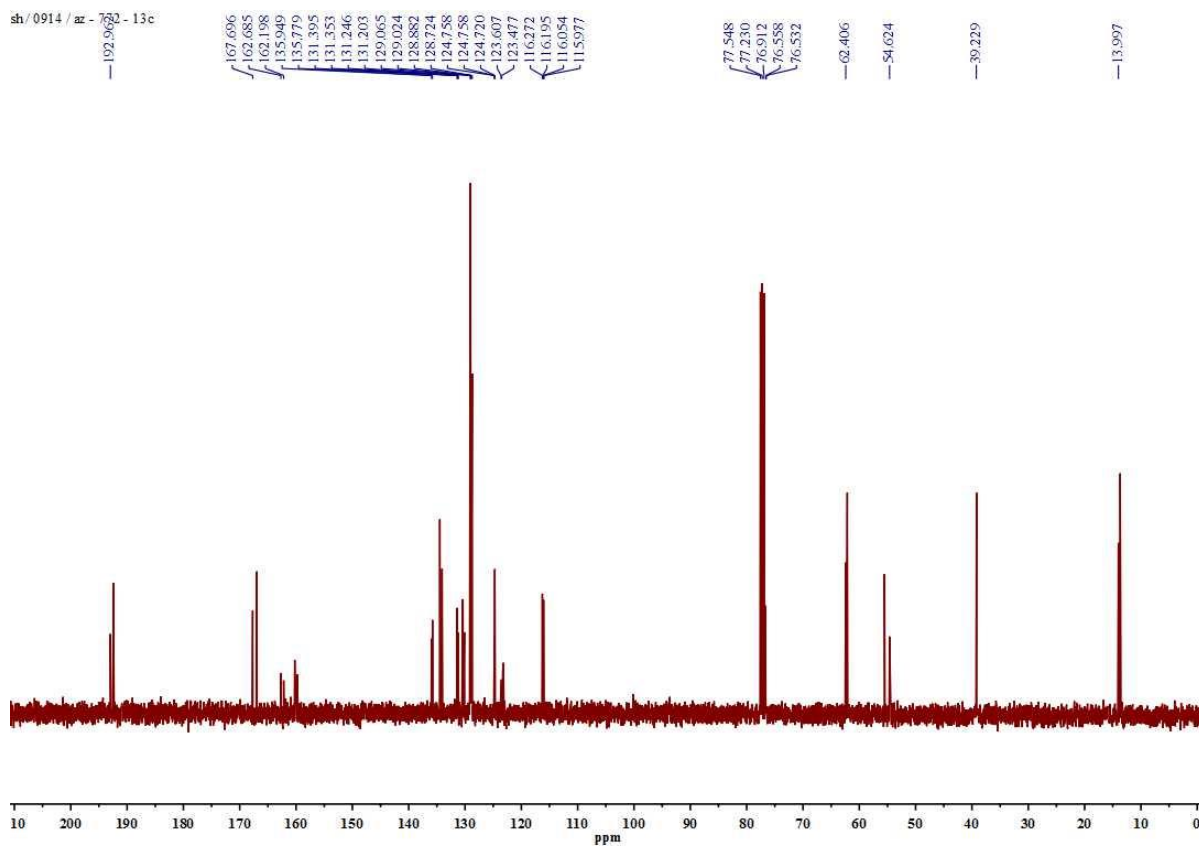
¹³C NMR Spectrum of Compound **2g** (Major Diastereoisomer) (100 MHz, CDCl₃)



¹³C NMR Spectrum of Compound **2g** (Minor Diastereoisomer) (100 MHz, CDCl₃)

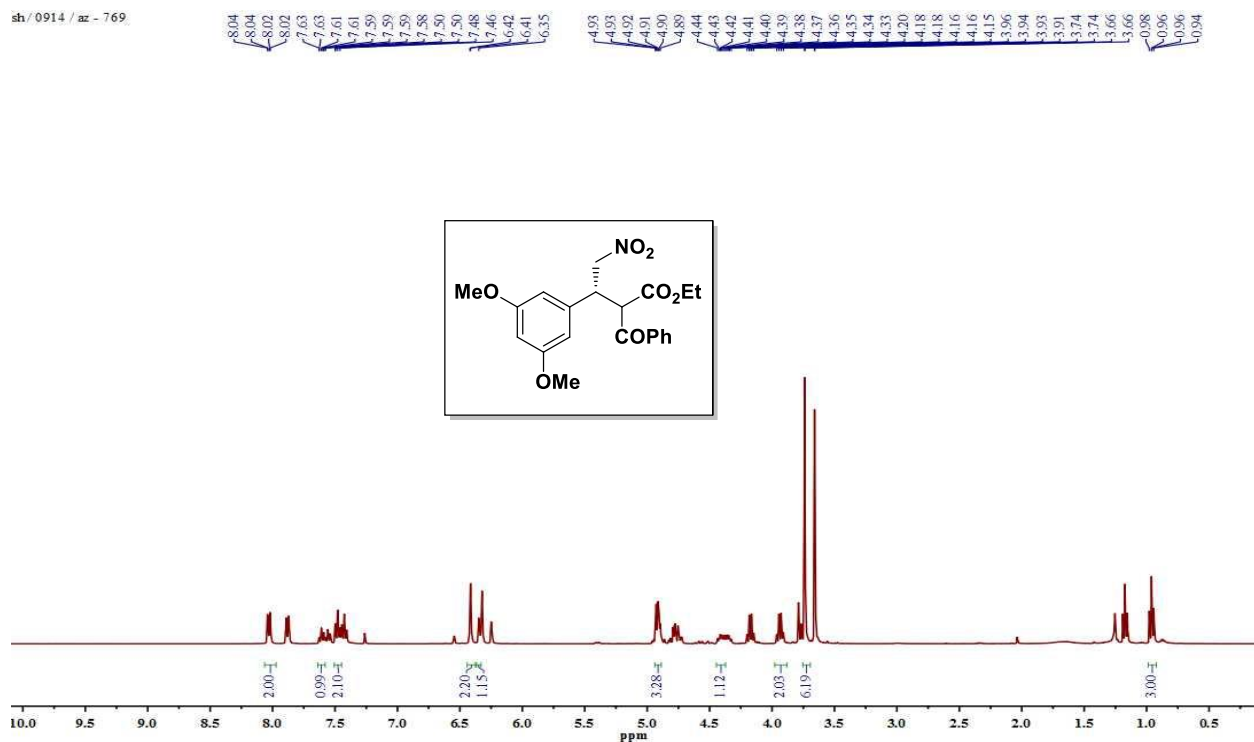


¹³C NMR Spectrum of Compound **2h** (Major Diastereoisomer) (100 MHz, CDCl₃)



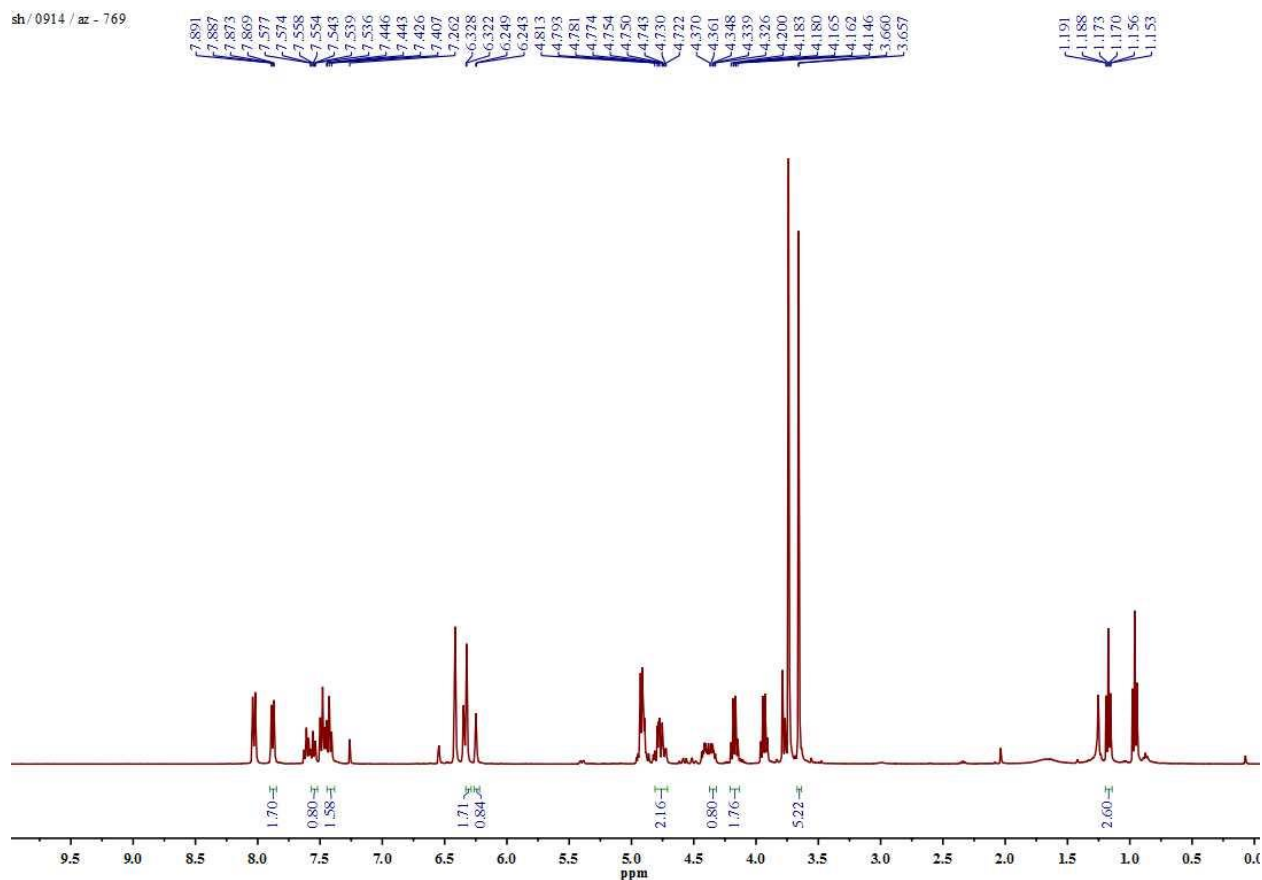
¹³C NMR Spectrum of Compound **2h** (Minor Diastereoisomer) (100 MHz, CDCl₃)

sh/0914 / az - 769

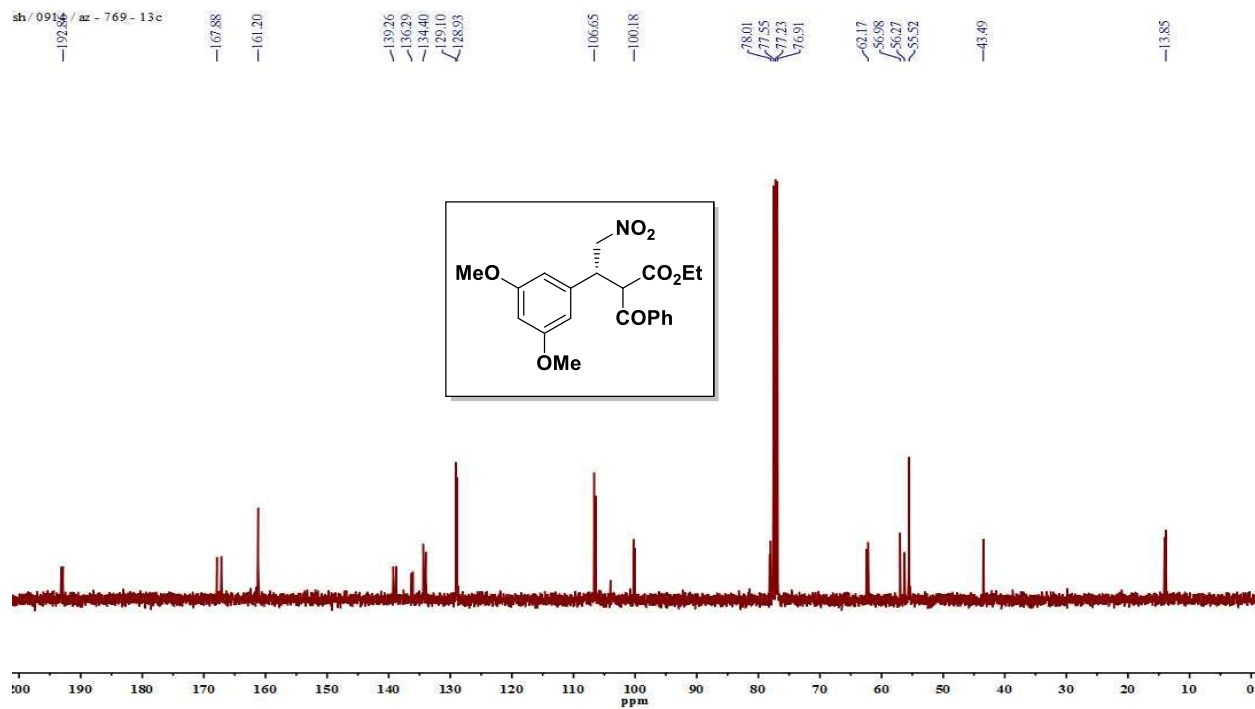


¹H NMR Spectrum of Compound **2i (Major Diastereoisomer) (400 MHz, CDCl₃)**

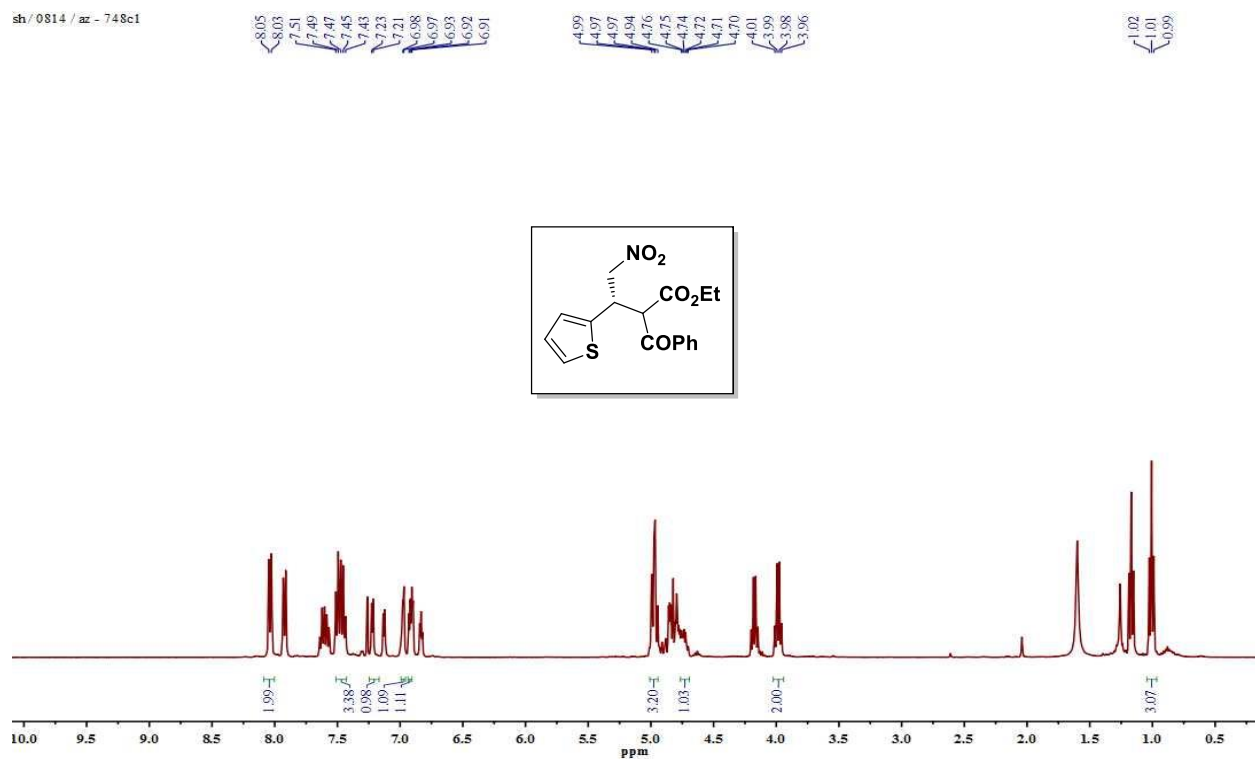
sh/0914 / az - 769



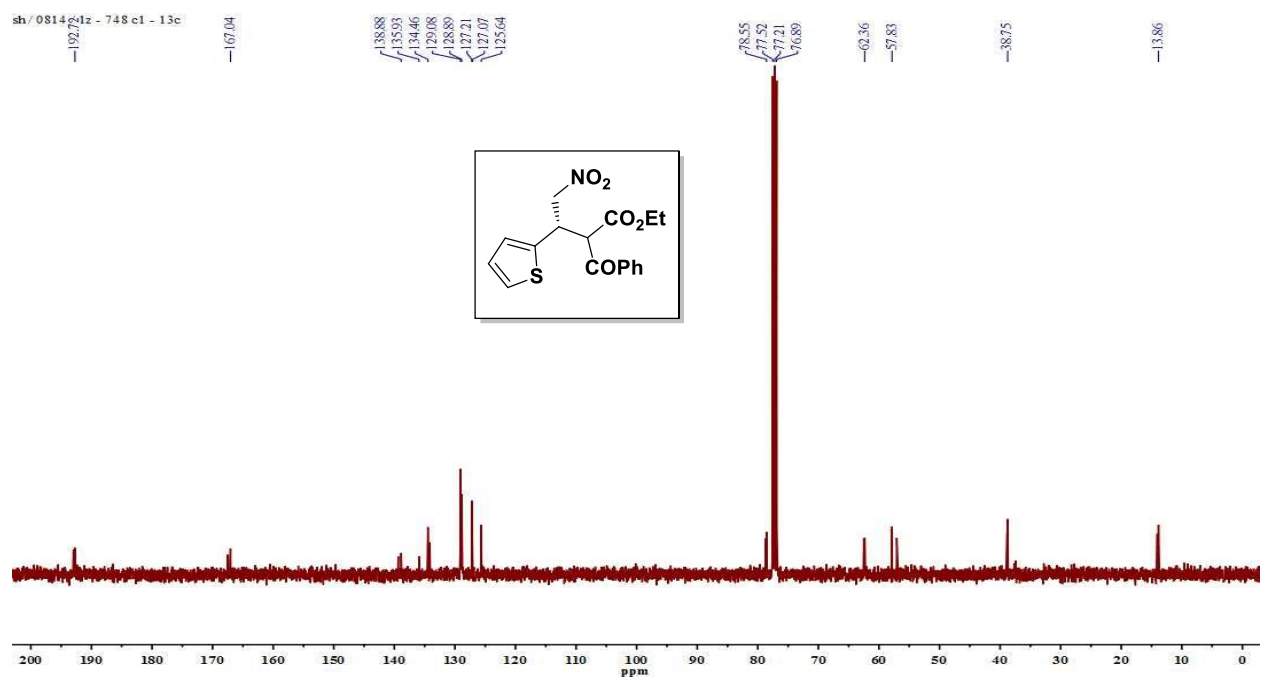
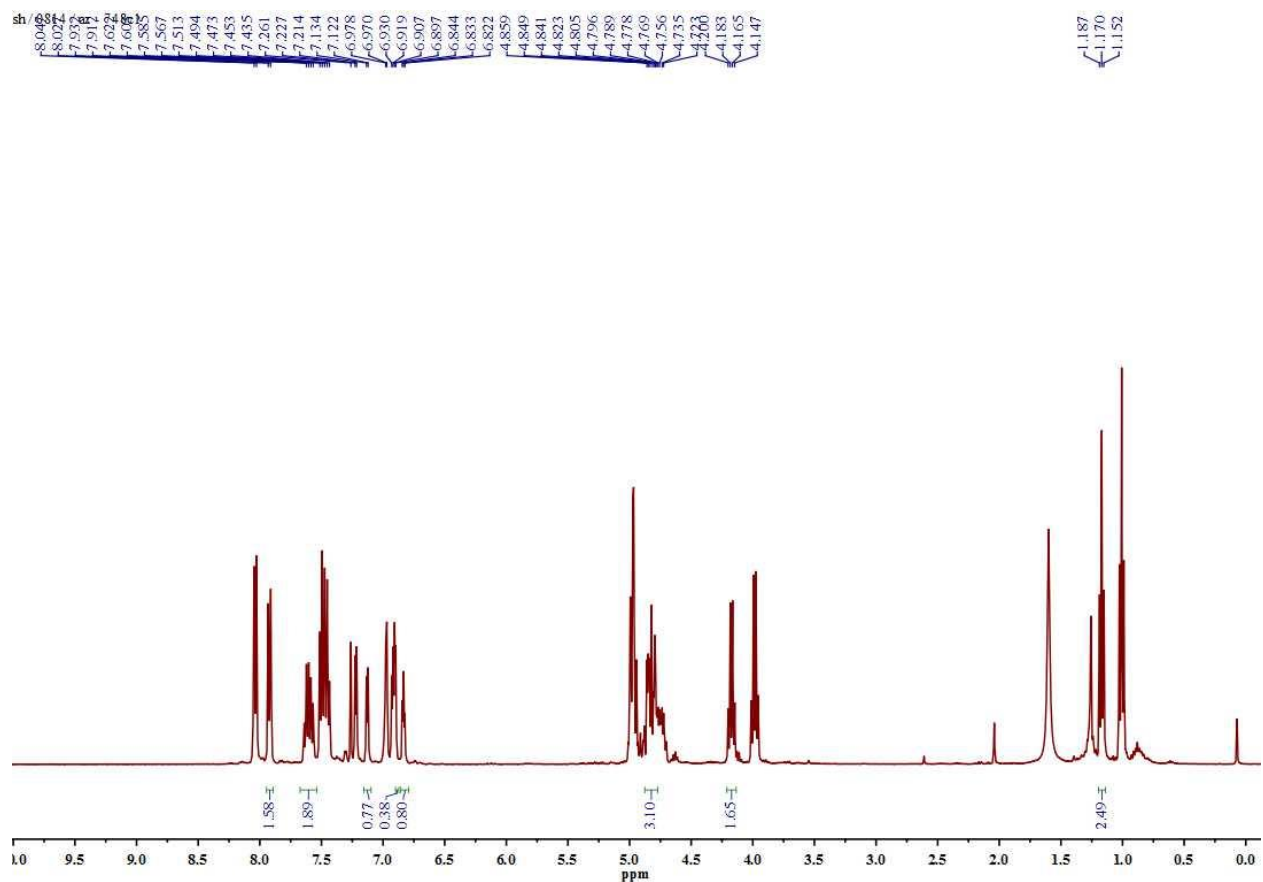
¹H NMR Spectrum of Compound **2i (Minor Diastereoisomer) (400 MHz, CDCl₃)**

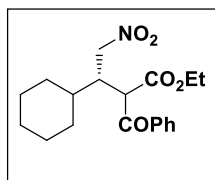
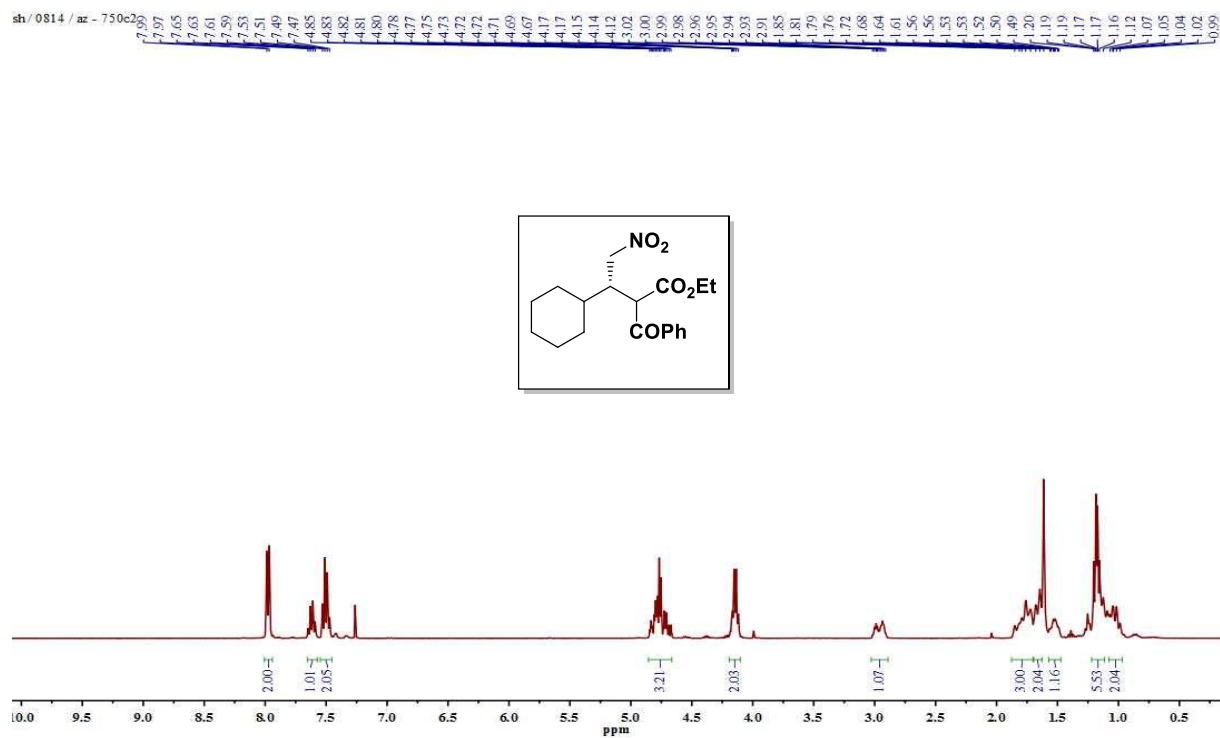
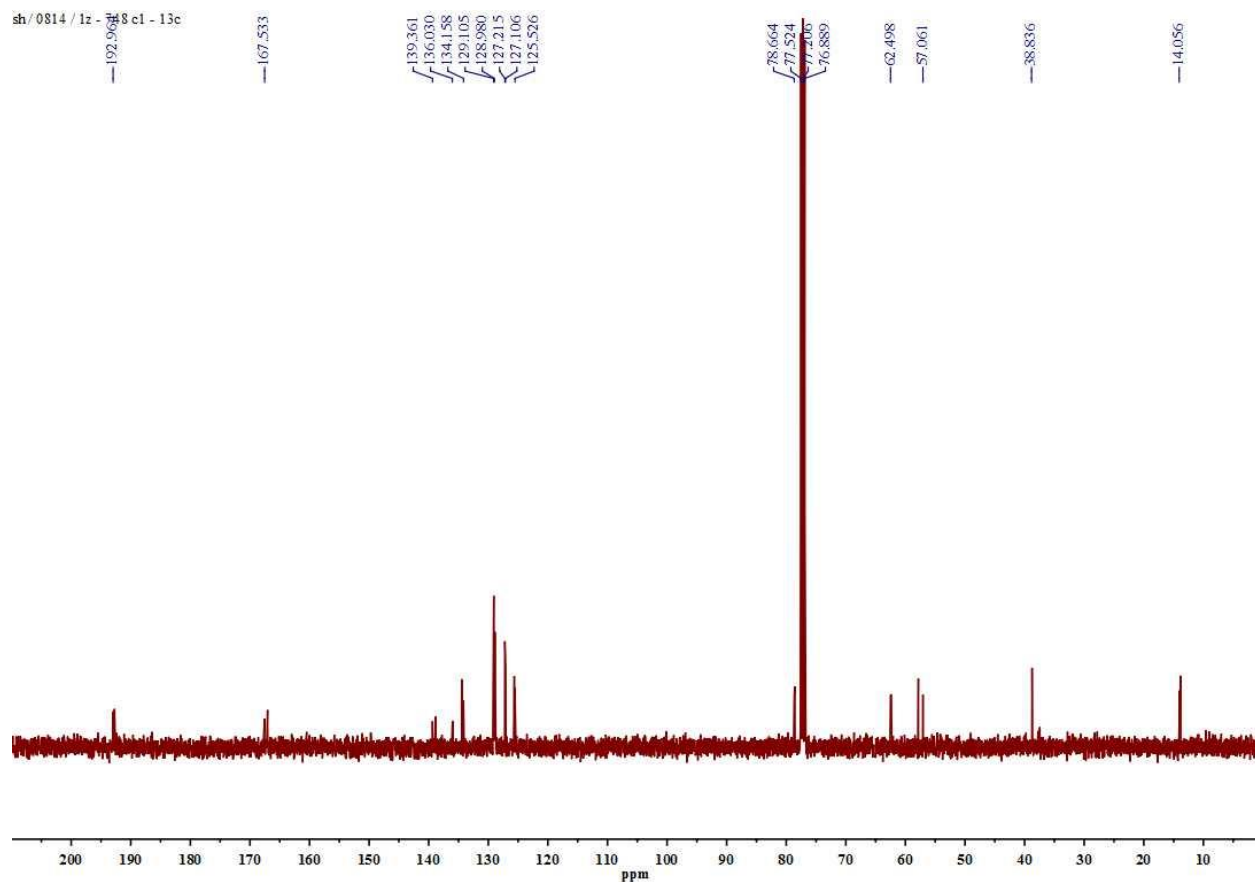


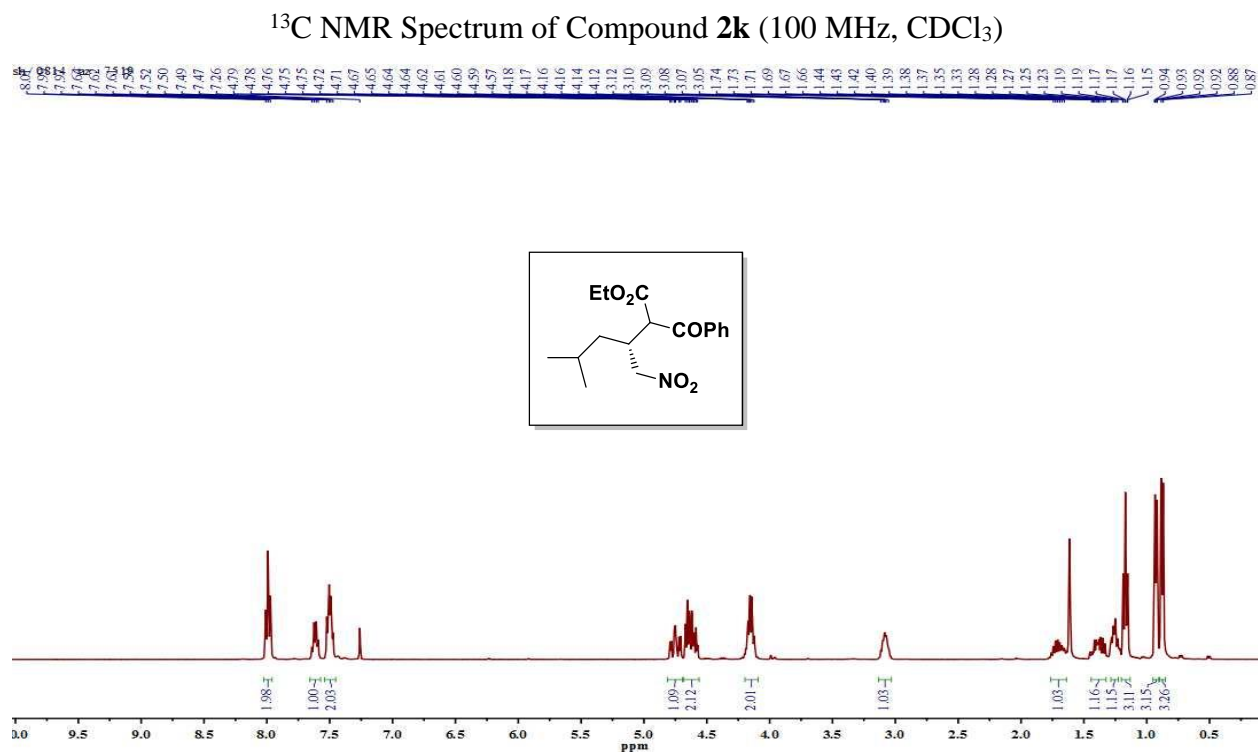
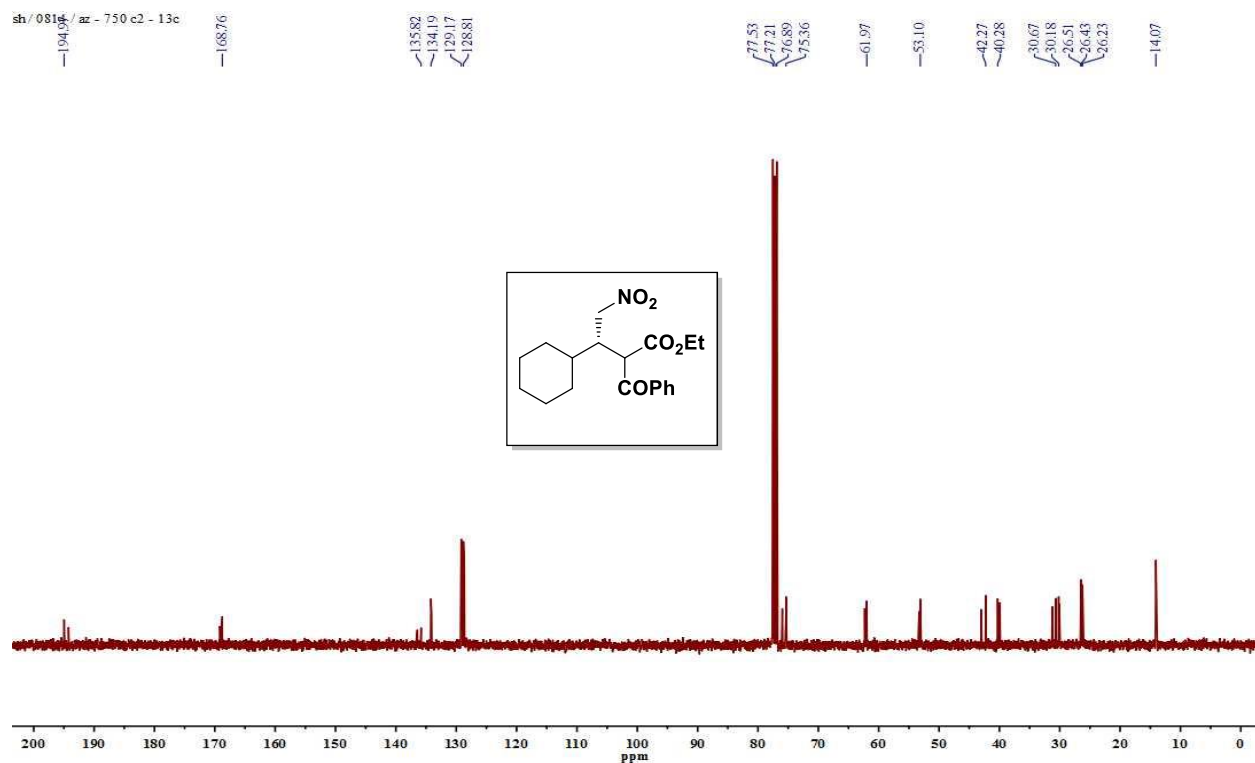
¹³C NMR Spectrum of Compound **2i** (100 MHz, CDCl₃)

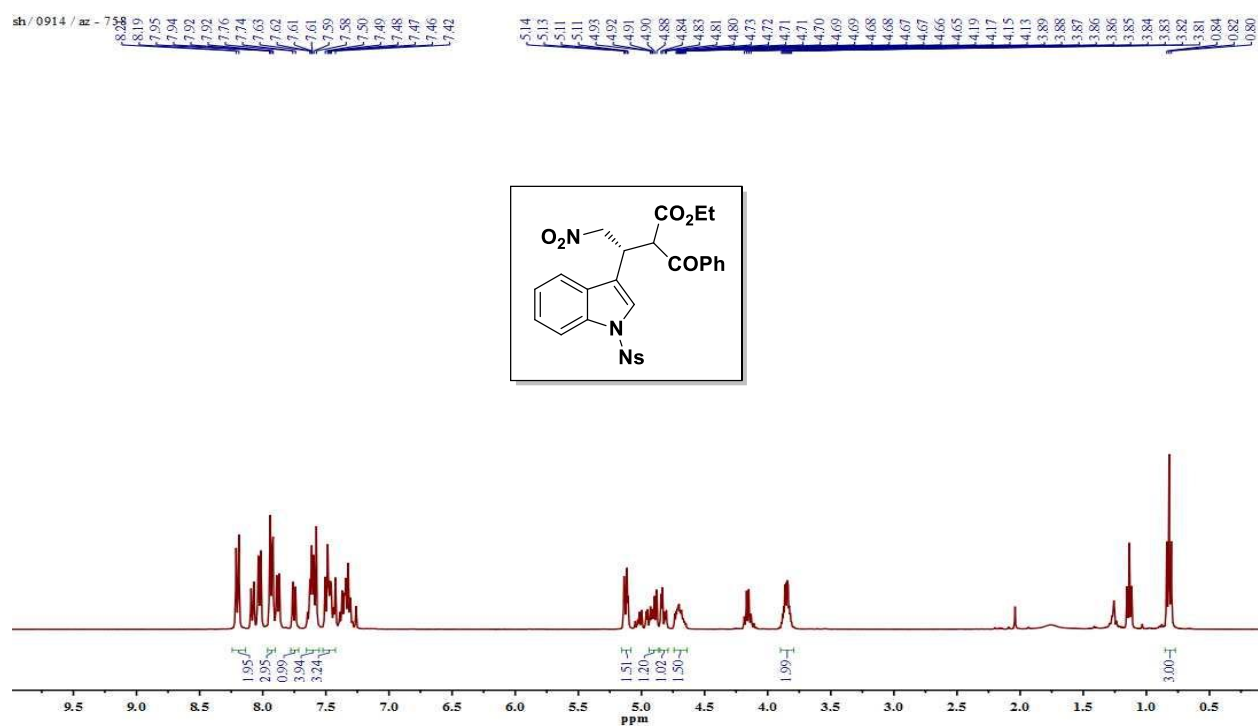
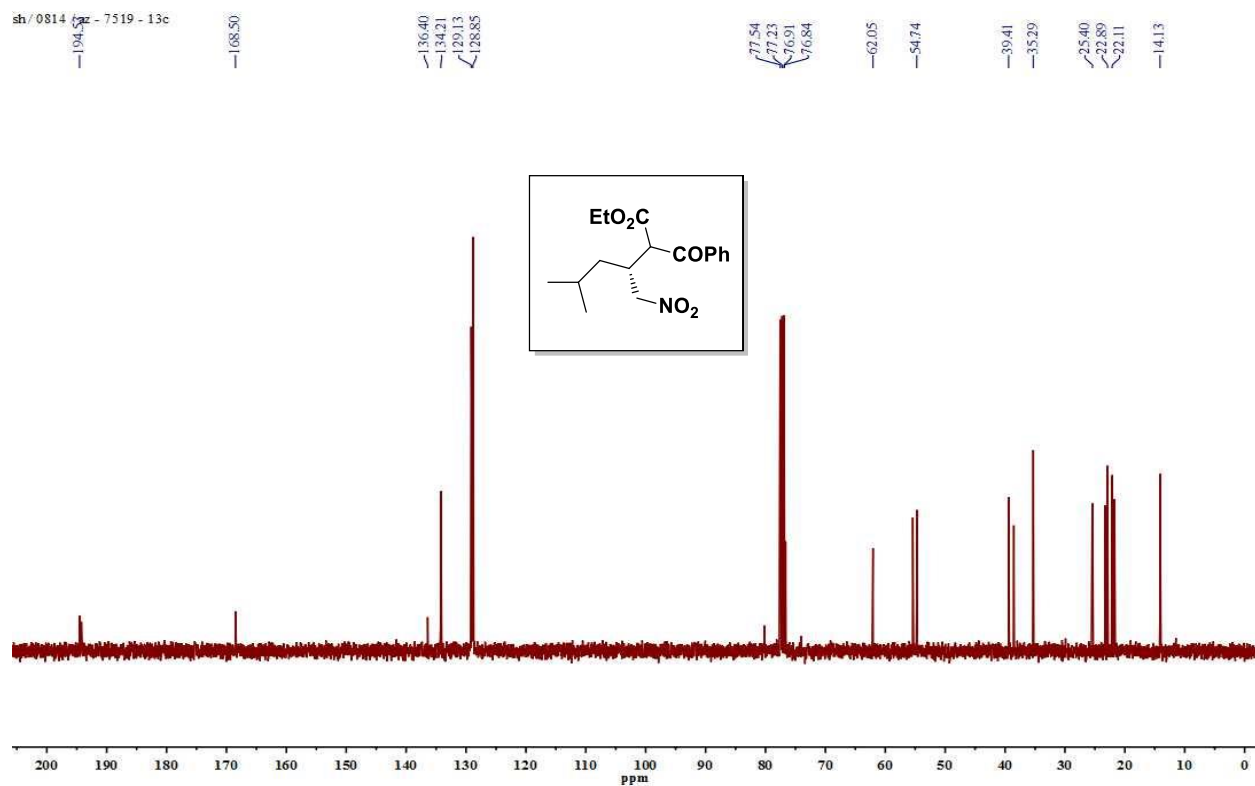


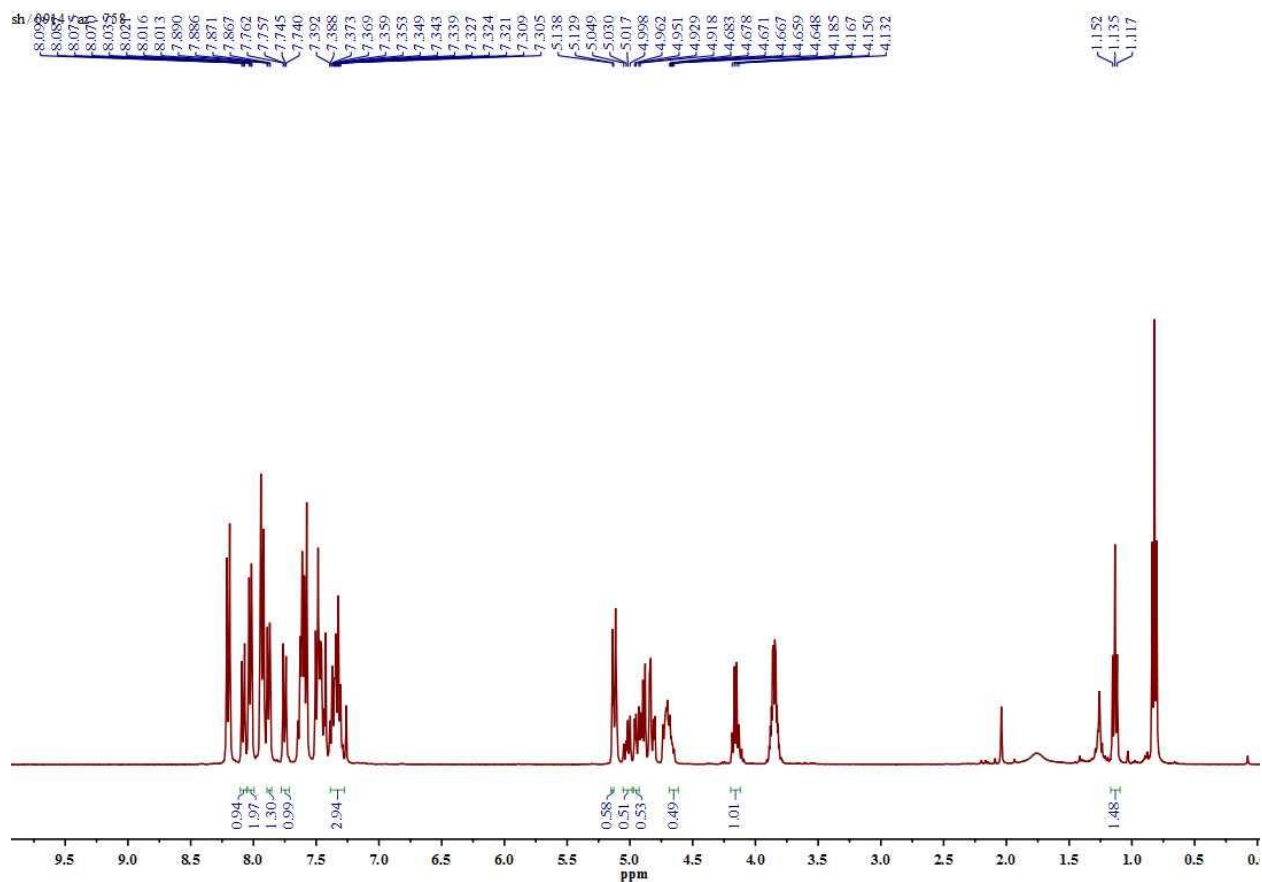
¹H NMR Spectrum of Compound **2j** (Major Diastereoisomer) (400 MHz, CDCl₃)



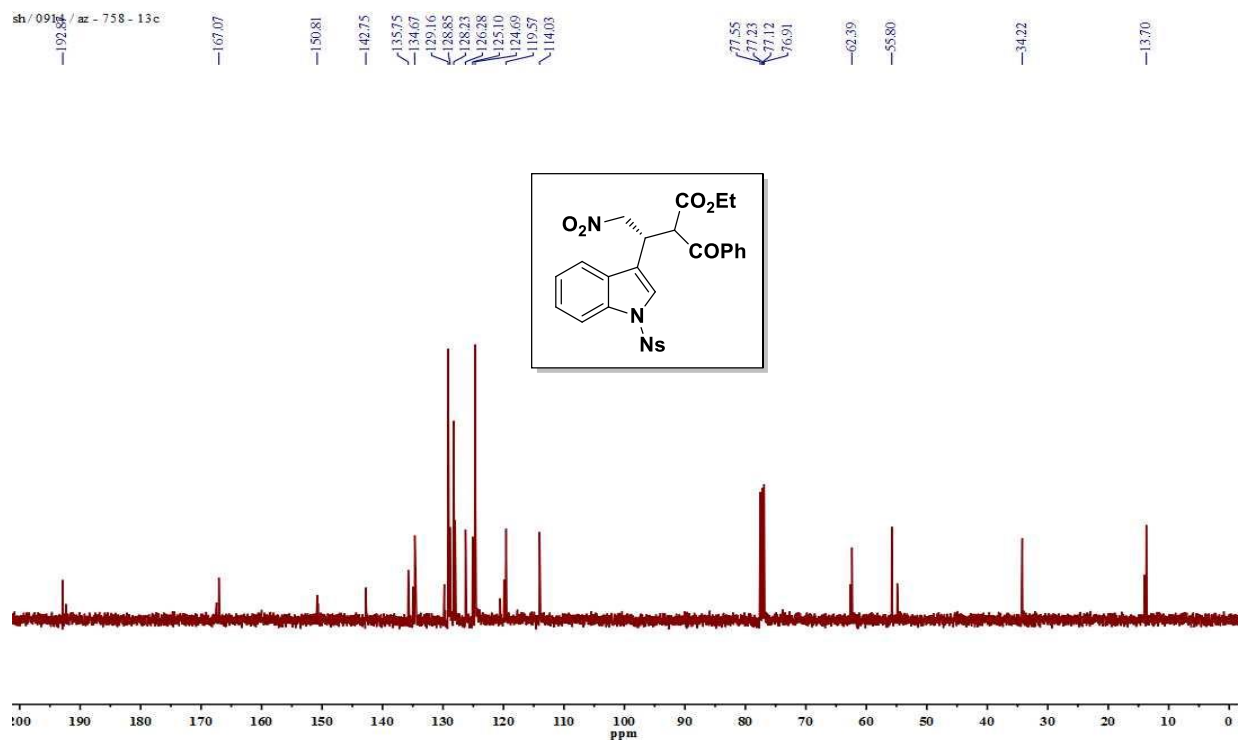




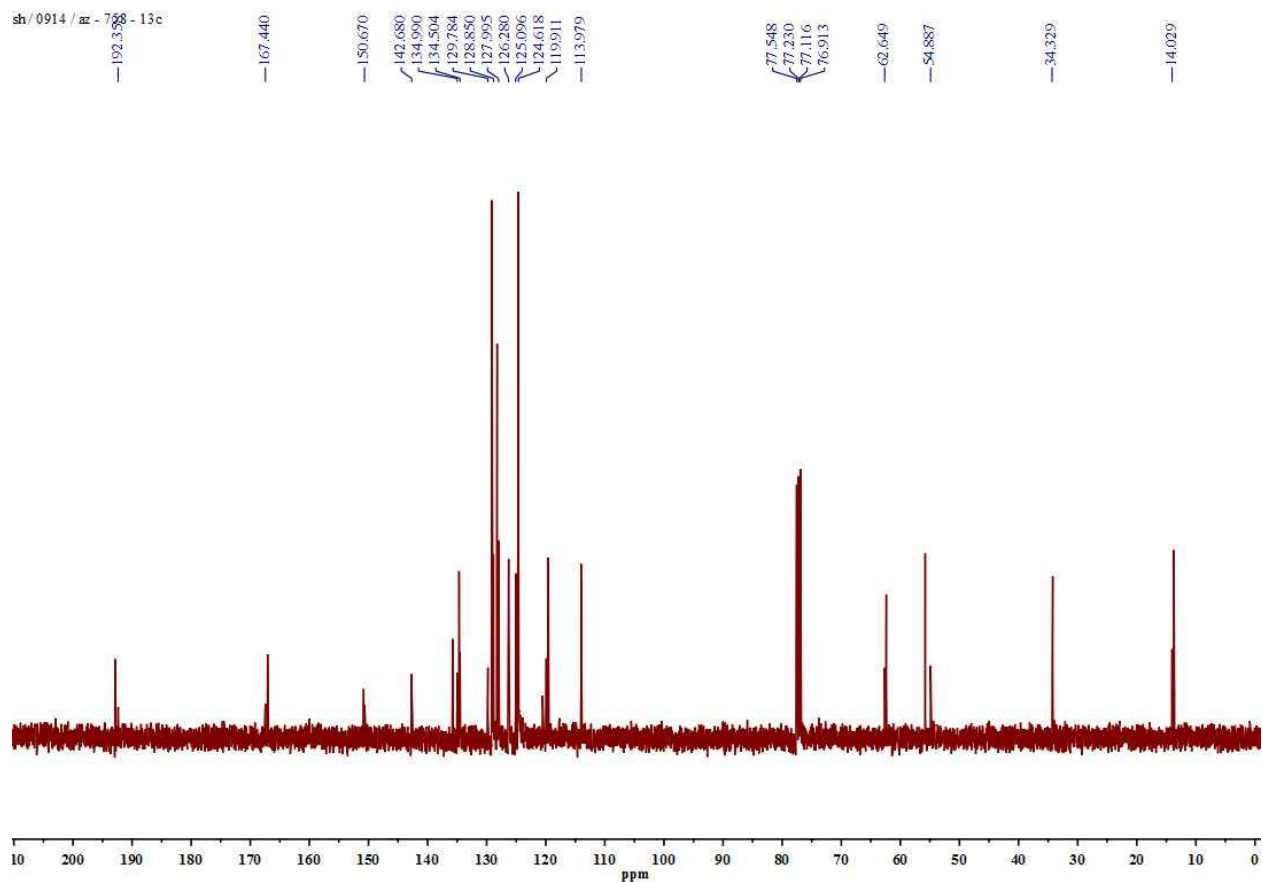




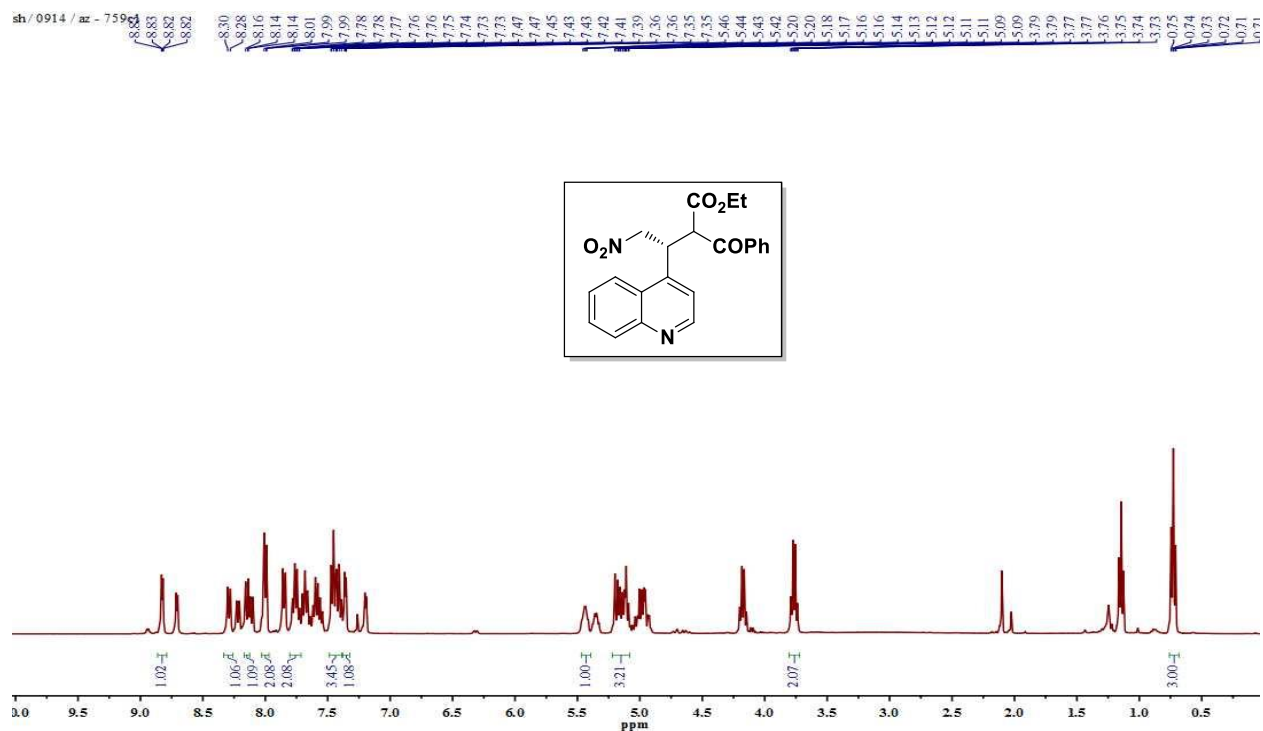
¹H NMR Spectrum of Compound **2m** (Minor Diastereoisomer) (400 MHz, CDCl₃)



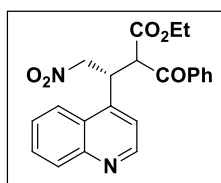
¹³C NMR Spectrum of Compound **2m** (Major Diastereoisomer) (100 MHz, CDCl₃)

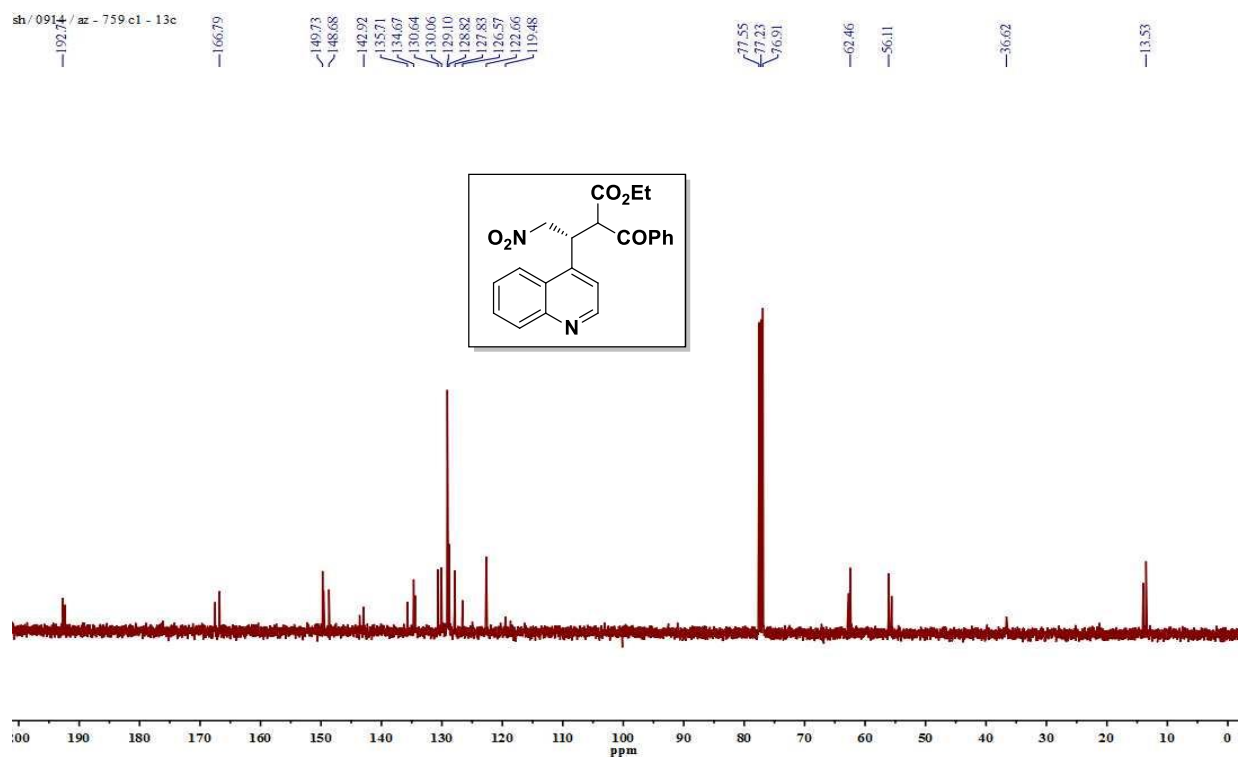
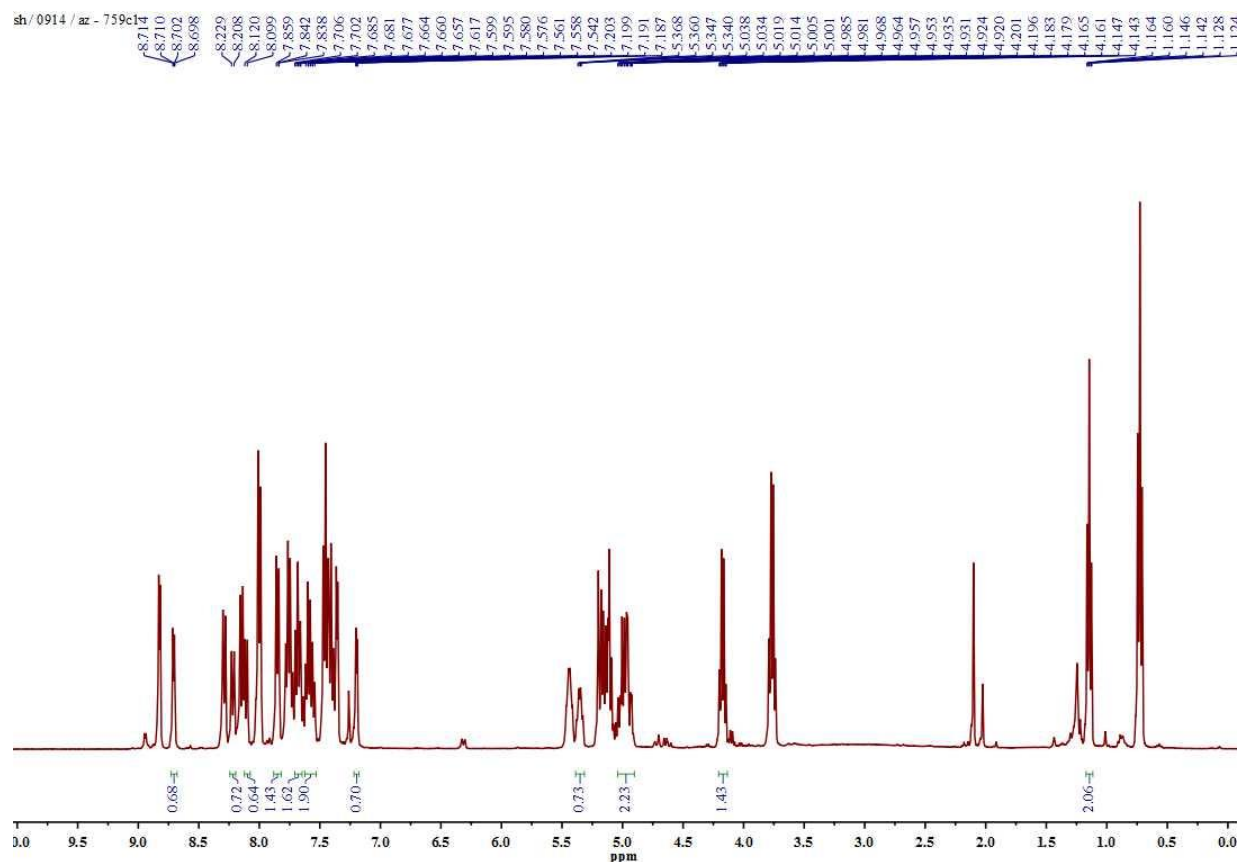


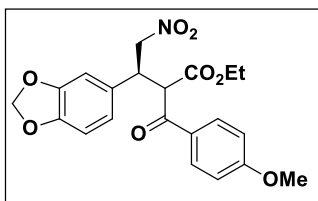
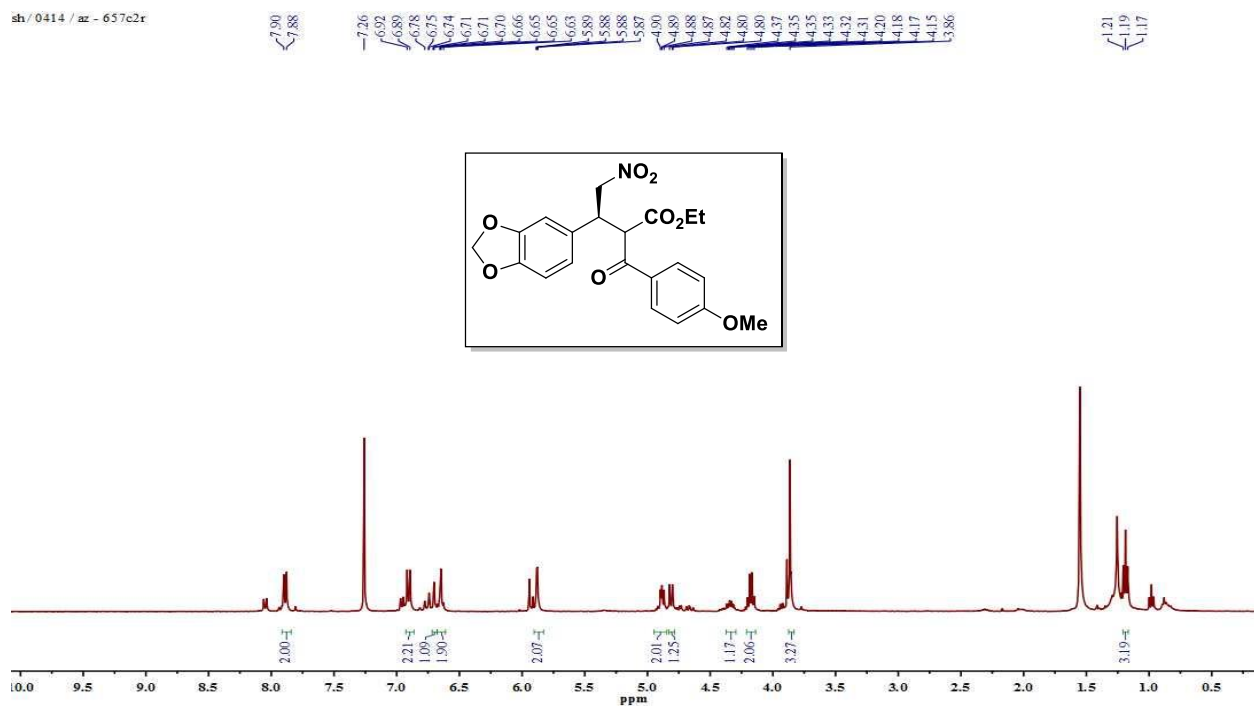
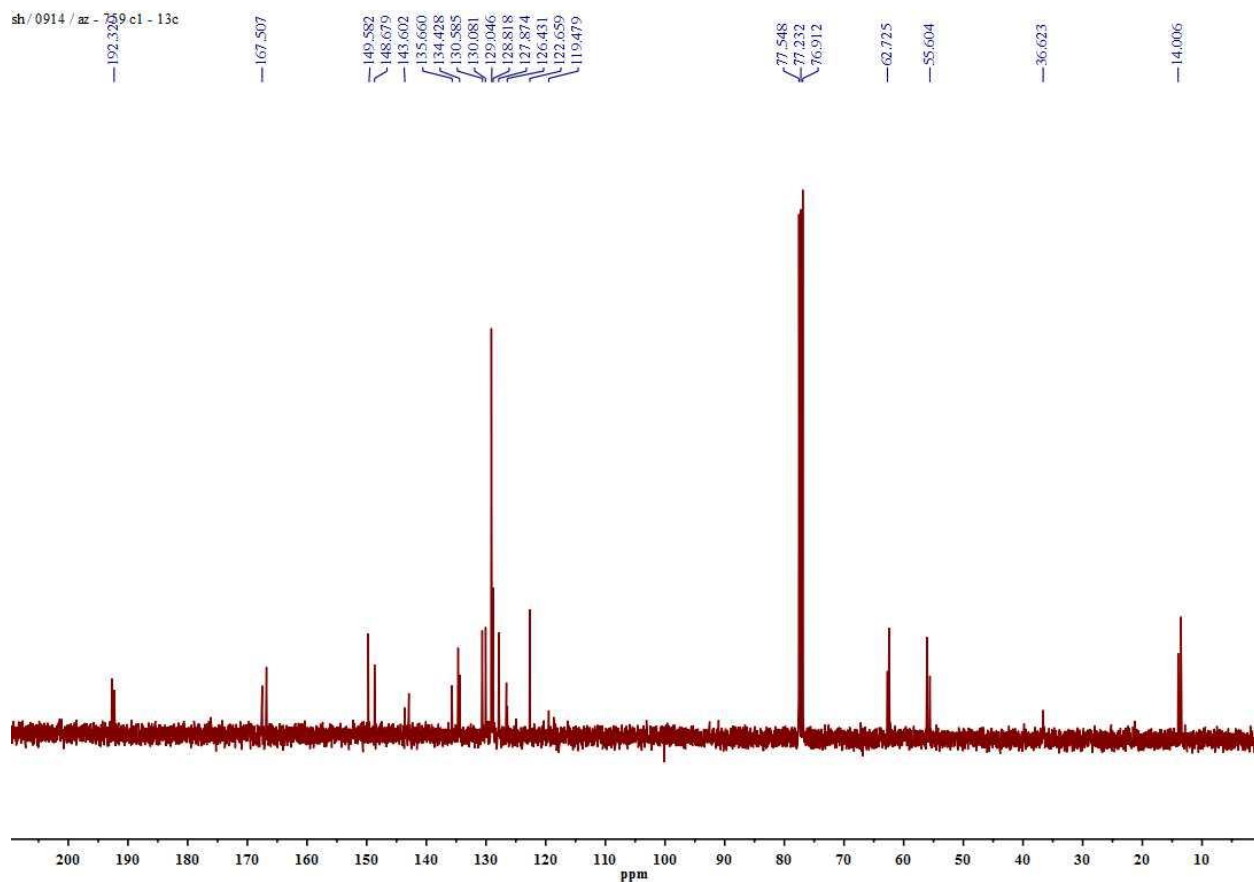
^{13}C NMR Spectrum of Compound **2m** (Minor Diastereoisomer) (100 MHz, CDCl_3)

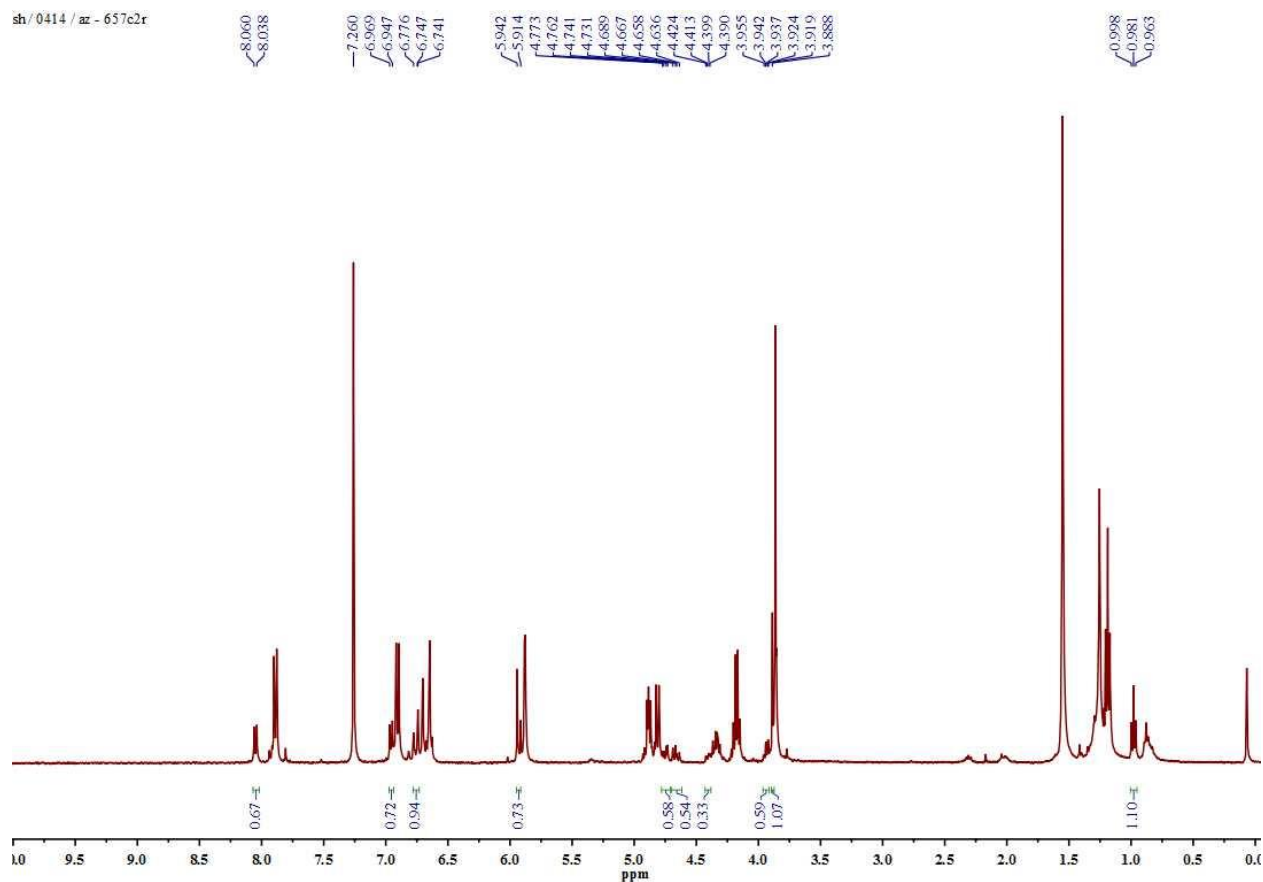


^1H NMR Spectrum of Compound **2n** (Major Diastereoisomer) (400 MHz, CDCl_3)

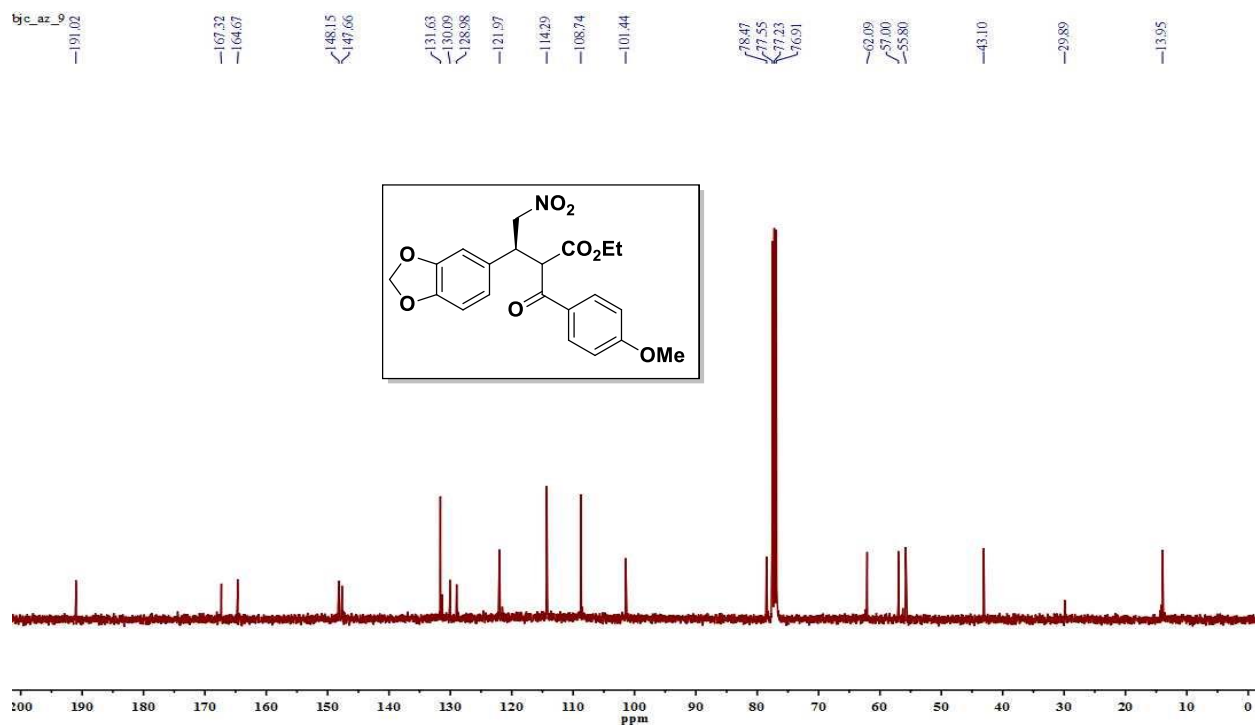




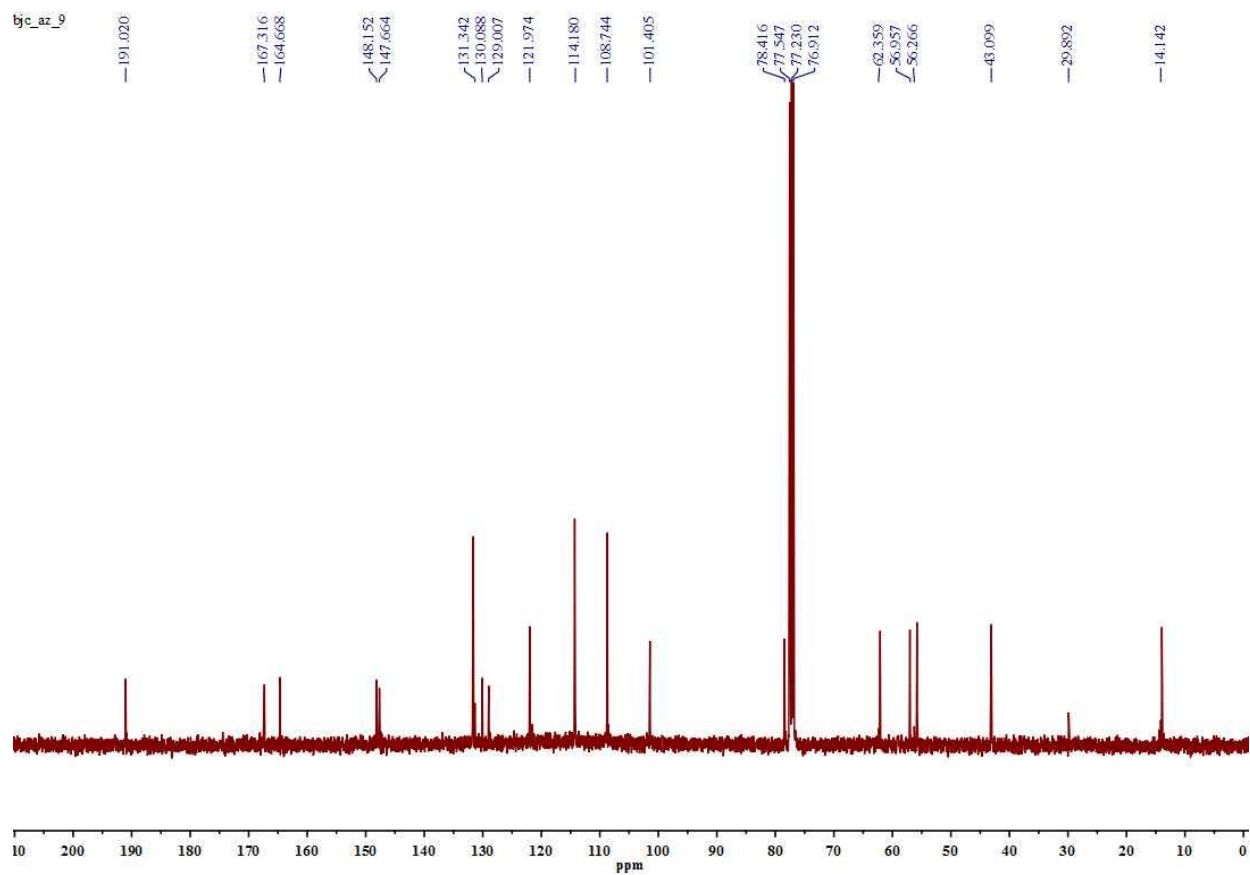




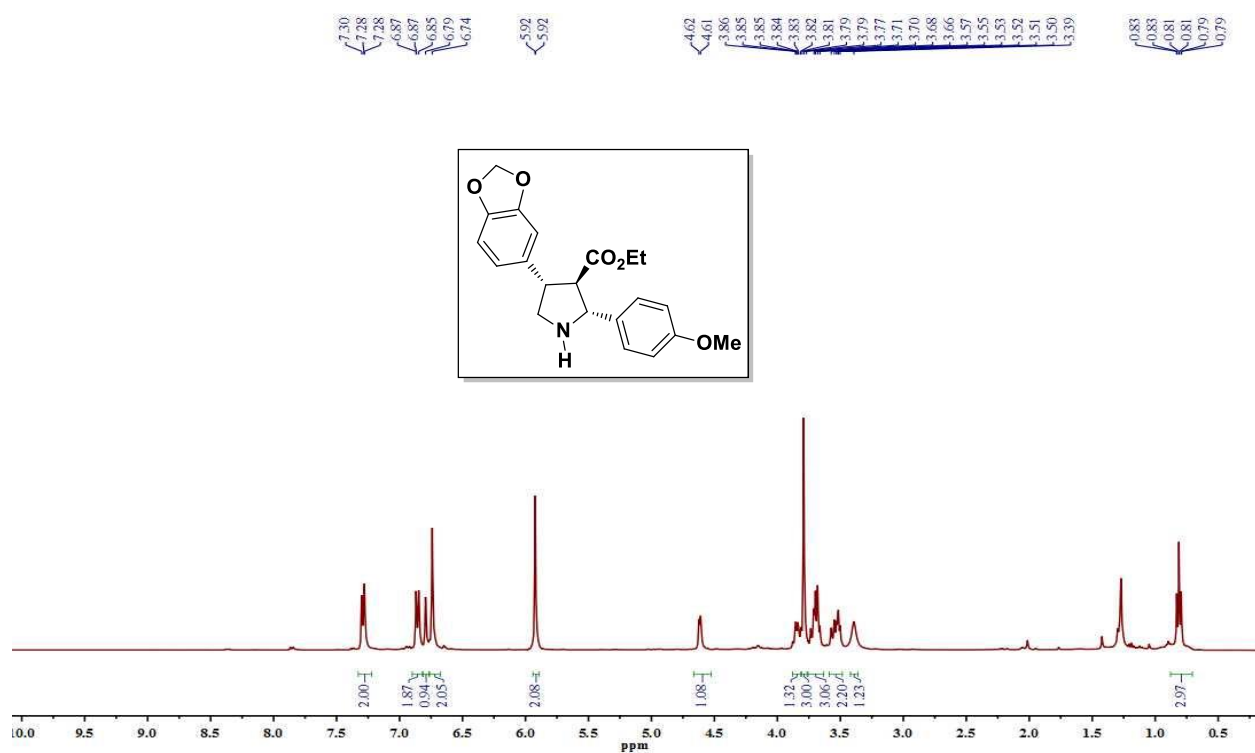
^1H NMR Spectrum of Compound **2o** (Minor Diastereoisomer) (400 MHz, CDCl_3)



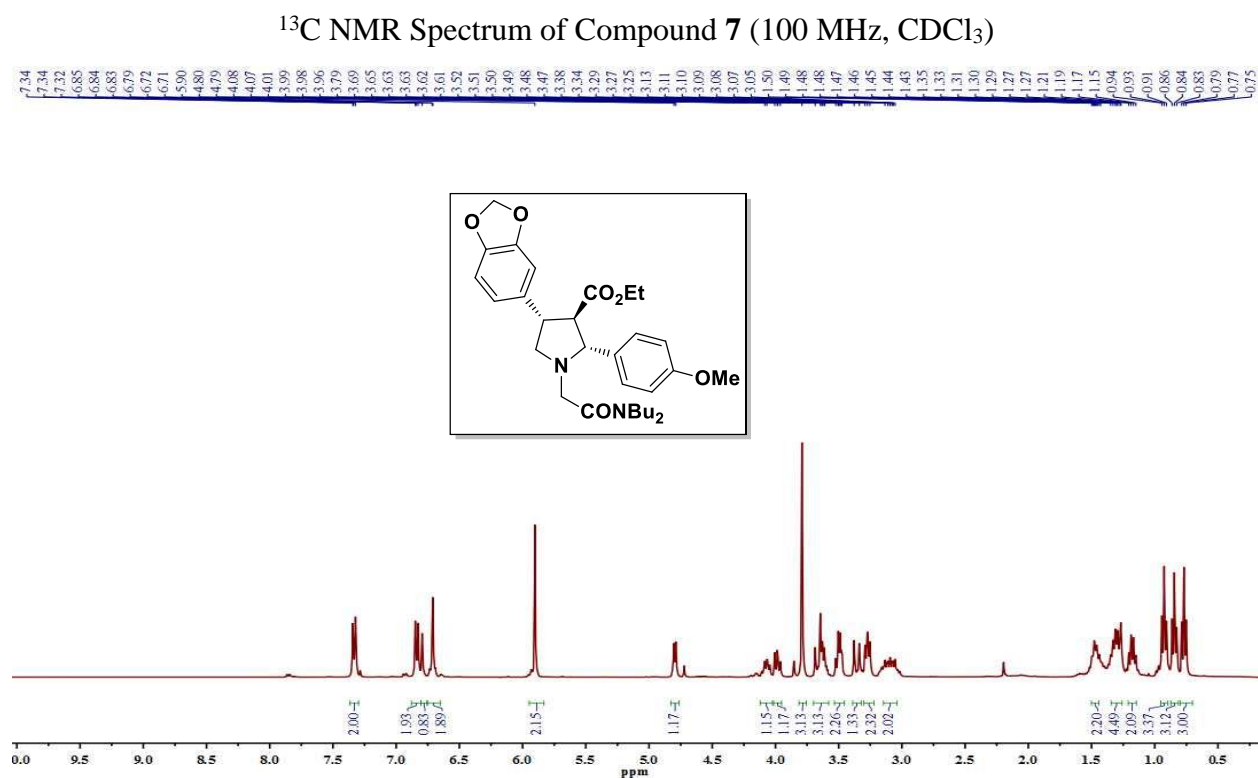
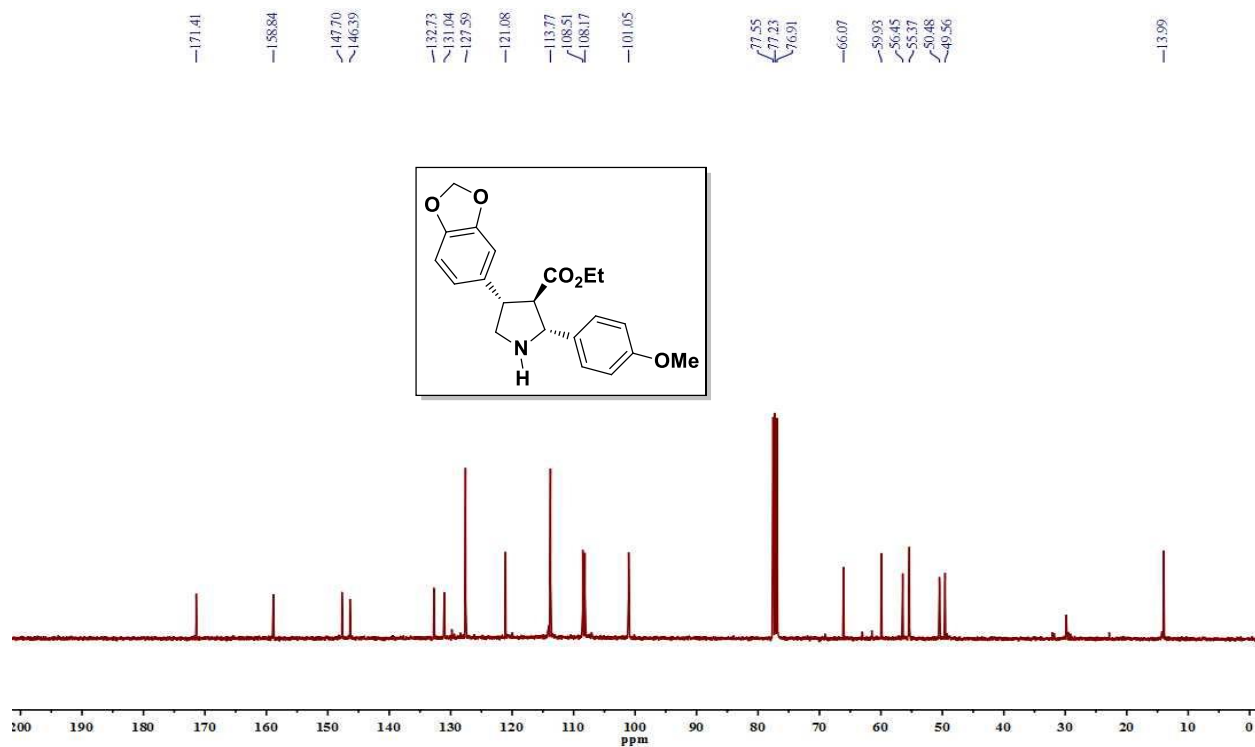
^{13}C NMR Spectrum of Compound **2o** (Major Diastereoisomer) (100 MHz, CDCl_3)

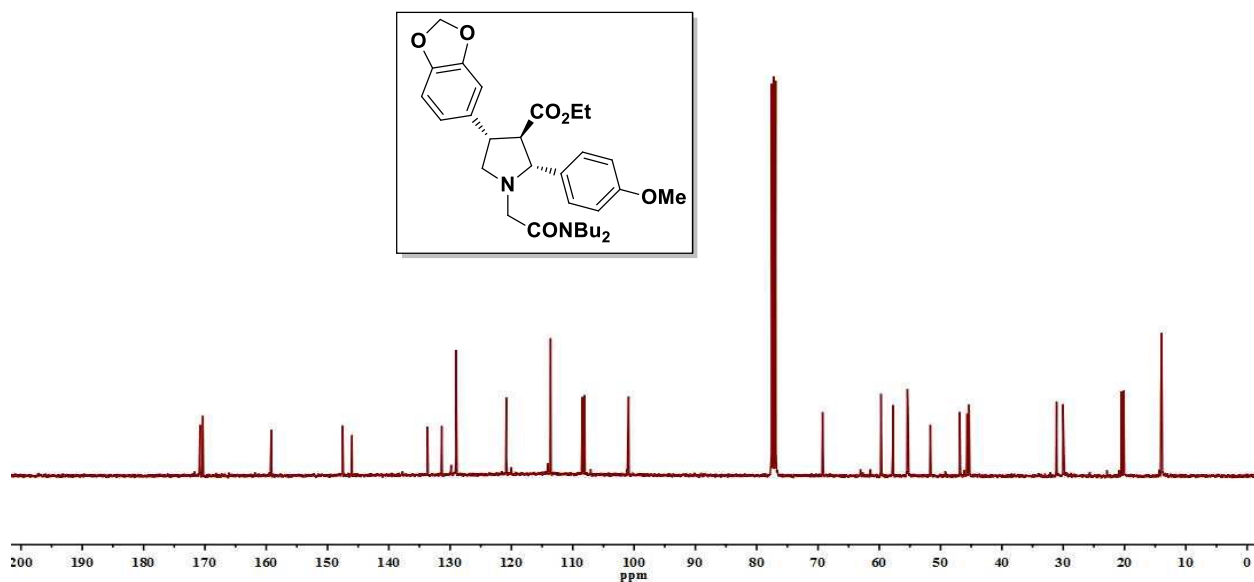


^{13}C NMR Spectrum of Compound **2o** (Minor Diastereoisomer) (100 MHz, CDCl_3)

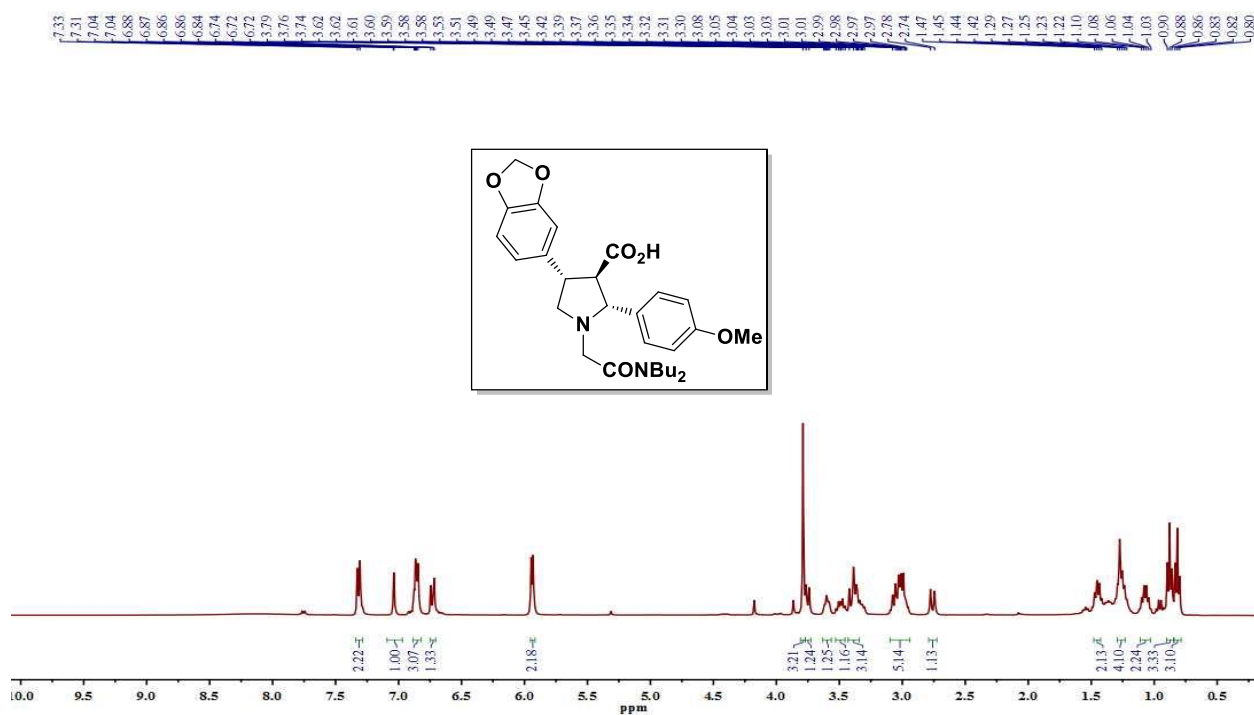


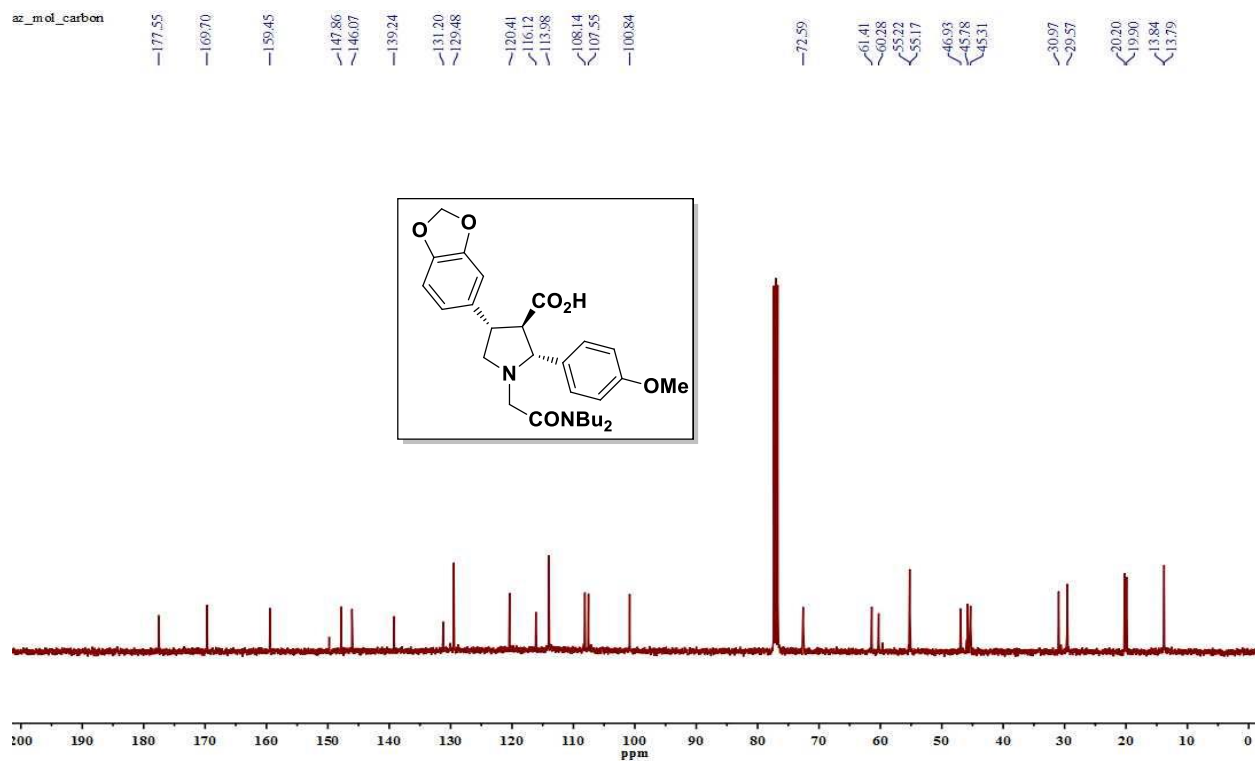
^1H NMR Spectrum of Compound **7** (400 MHz, CDCl_3)



[illegible]

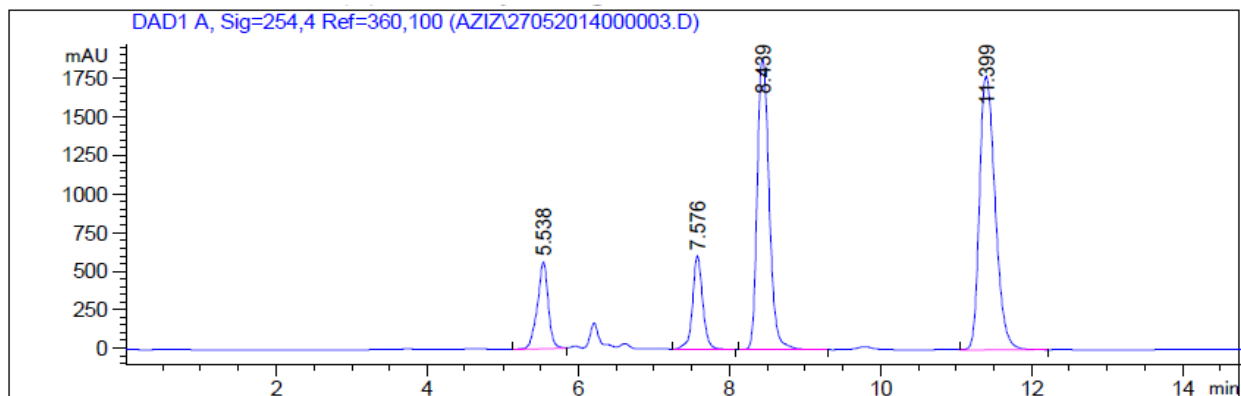
¹³C NMR Spectrum of Compound **8** (100 MHz, CDCl₃)

¹H NMR Spectrum of Compound **9** (**ABT-627**) (400 MHz, CDCl₃)

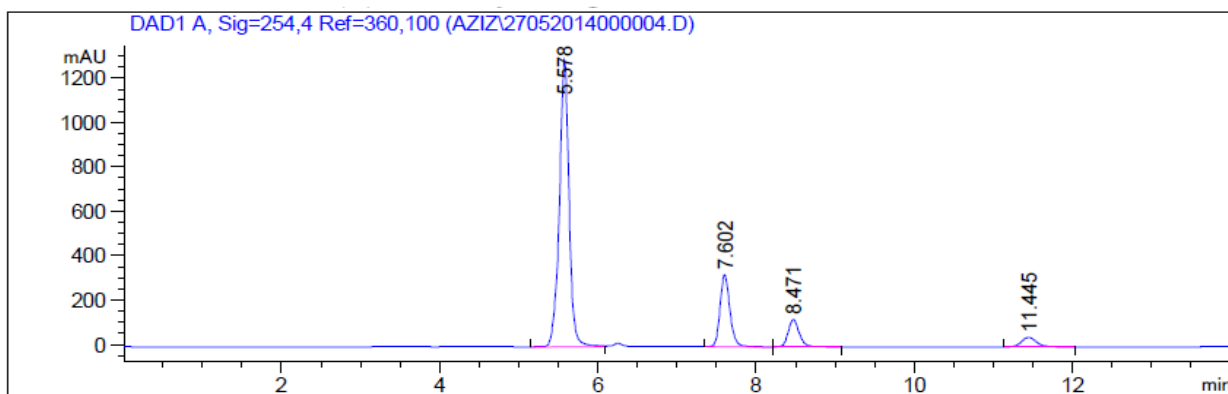


^{13}C NMR Spectrum of Compound **9** (ABT-627) (100 MHz, CDCl_3)

HPLC Chromatogram



HPLC Chromatogram of Compound **2a** (catalyst **F**)



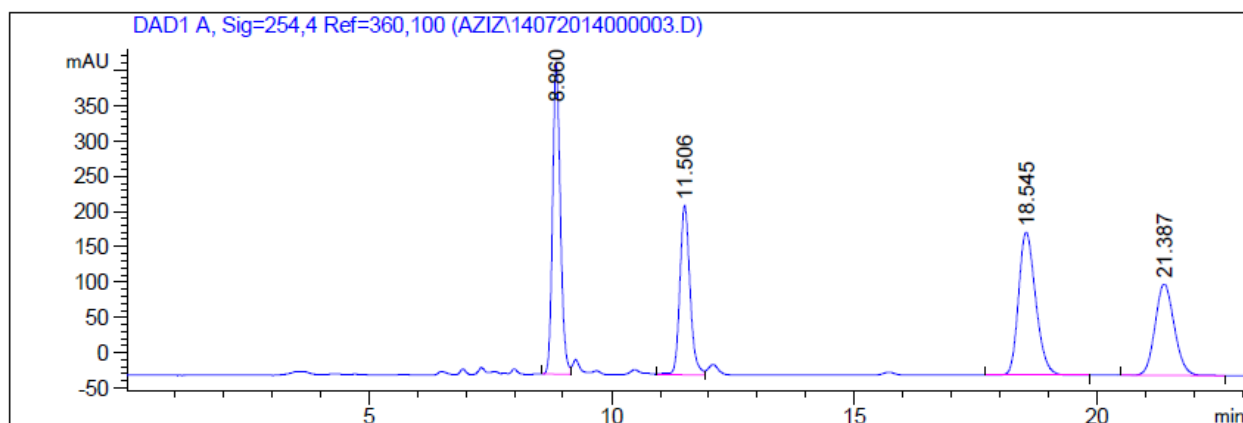
Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

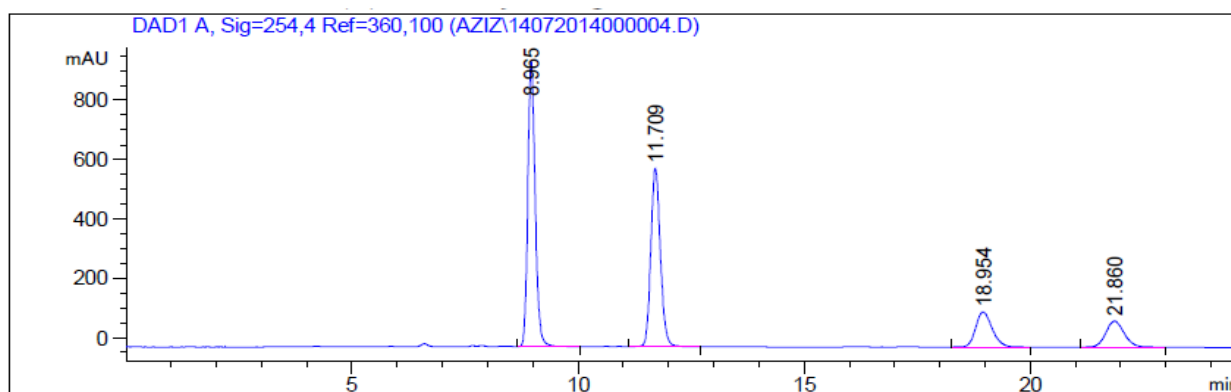
Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	5.578	BV	0.1271	1.09664e4	1291.38562	70.6129
2	7.602	VB	0.1330	2814.12988	325.04605	18.1203
3	8.471	BB	0.1469	1189.12573	122.90531	7.6568
4	11.445	BB	0.1992	560.62067	43.25634	3.6099

HPLC Chromatogram of Compound **2a** (catalyst **H**)



HPLC Chromatogram of Compound **2b** (catalyst **F**)



=====
Area Percent Report
=====

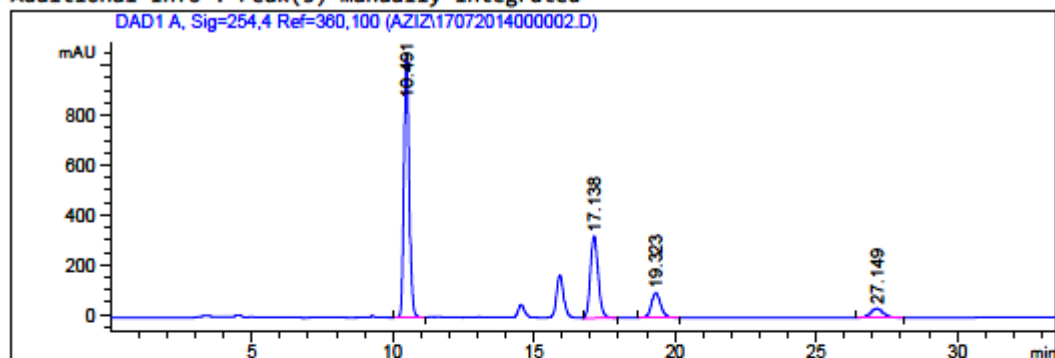
Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	8.965	VB	0.1748	1.09495e4	961.63416	43.3251
2	11.709	BB	0.2257	8857.30371	601.97253	35.0467
3	18.954	BB	0.3936	2993.21436	118.13834	11.8436
4	21.860	BB	0.4395	2472.86450	87.56722	9.7847

HPLC Chromatogram of Compound **2b** (catalyst **H**)

Additional Info : Peak(s) manually integrated



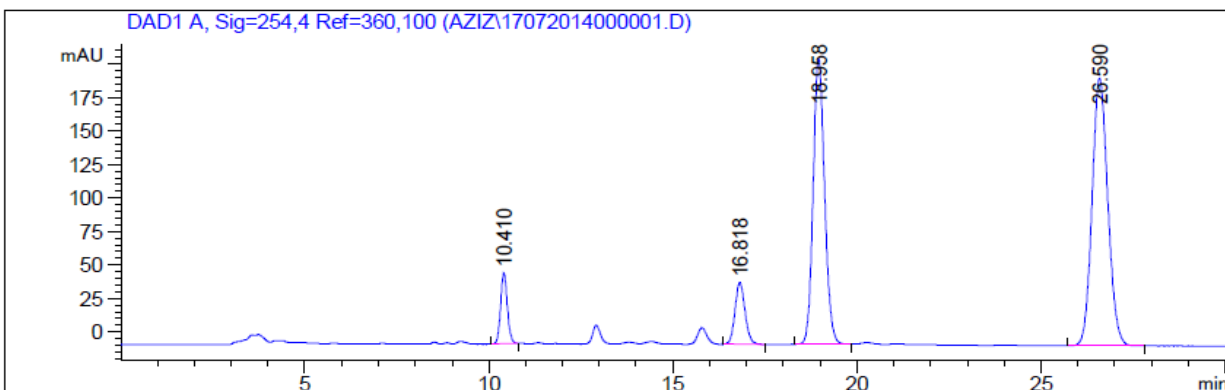
=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	10.491	BB	0.1978	1.34707e4	1049.05823	58.4579
2	17.138	BB	0.2966	6259.89355	328.07233	27.1657
3	19.323	BB	0.3443	2210.84521	99.09370	9.5943
4	27.149	BB	0.4696	1101.96289	35.95162	4.7821

HPLC Chromatogram of Compound **2c** (catalyst **F**)



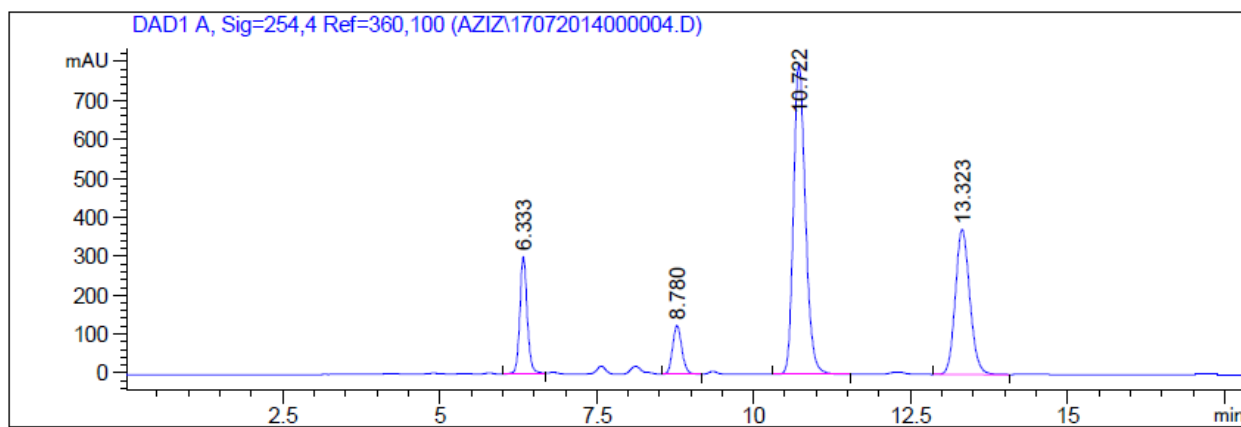
=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

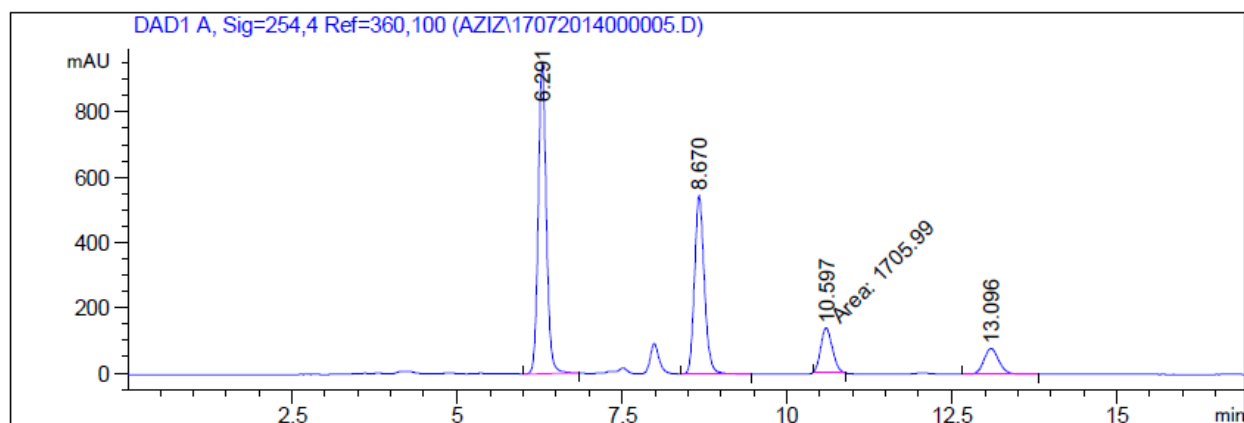
Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	10.410	BB	0.1957	672.51135	53.13678	5.5600
2	16.818	BB	0.2886	870.13617	46.01580	7.1938
3	18.958	BB	0.3341	4607.40625	213.23586	38.0915
4	26.590	BB	0.4594	5945.58057	199.64818	49.1548

HPLC Chromatogram of Compound **2c** (catalyst **H**)



HPLC Chromatogram of Compound **2d** (catalyst **F**)



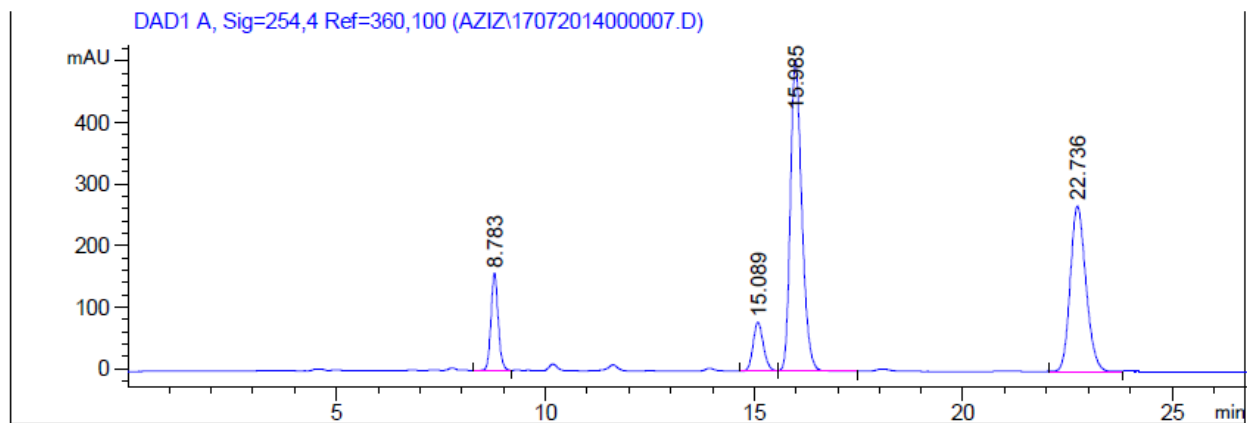
=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

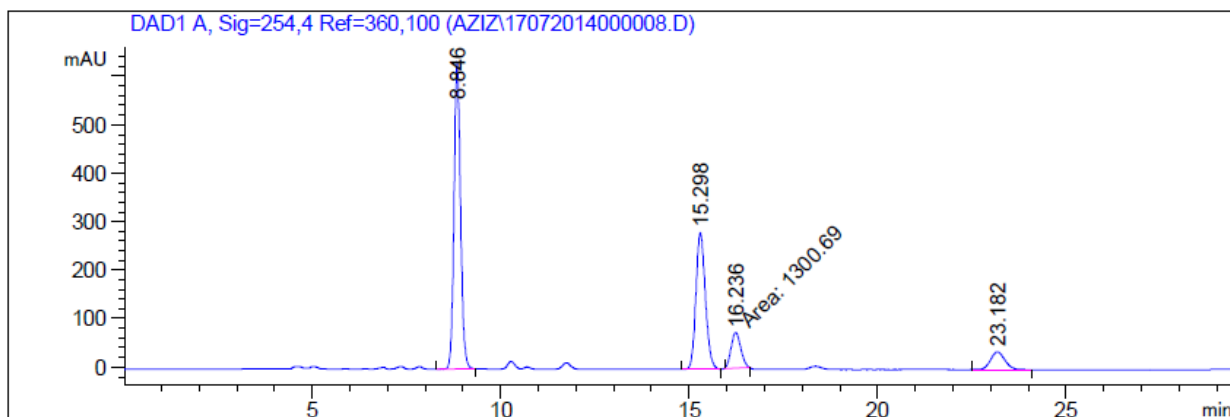
Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.291	BB	0.1291	8047.50488	947.17084	48.2571
2	8.670	BB	0.1593	5670.91504	545.29535	34.0058
3	10.597	MM	0.2056	1705.99304	138.32527	10.2300
4	13.096	BB	0.2446	1251.89551	79.12386	7.5070

HPLC Chromatogram of Compound **2d** (catalyst **H**)



HPLC Chromatogram of Compound **2e** (catalyst **F**)



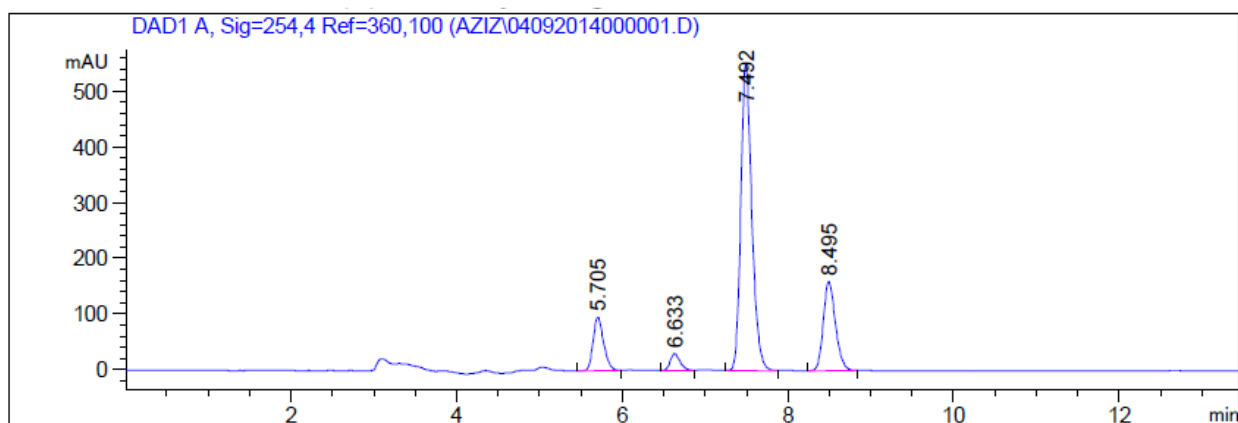
=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

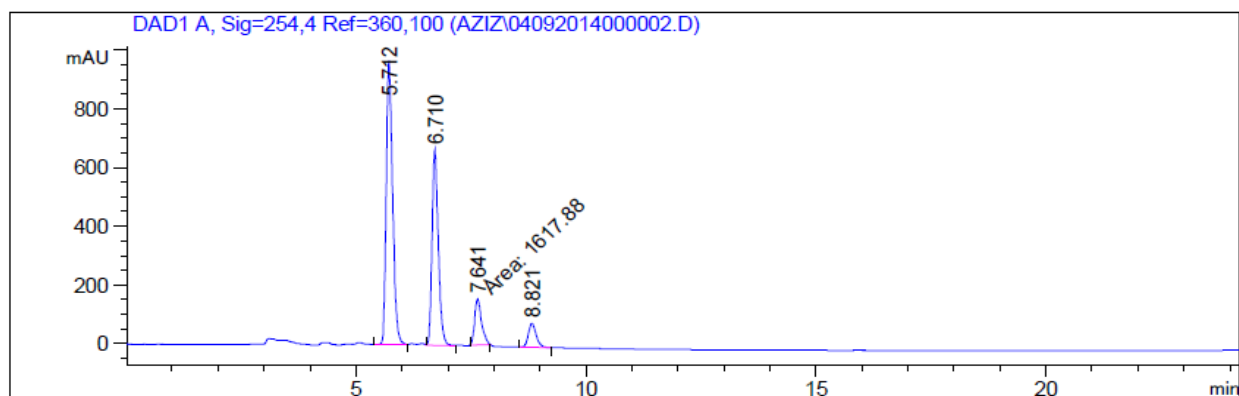
Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	8.846	BB	0.1864	7602.93799	631.89838	51.3179
2	15.298	BV	0.2703	4946.63770	282.51614	33.3886
3	16.236	MM	0.2955	1300.69226	73.35119	8.7793
4	23.182	BB	0.4060	965.09387	36.79242	6.5141

HPLC Chromatogram of Compound **2e** (catalyst **H**)



HPLC Chromatogram of Compound **2f** (catalyst **F**)



Area Percent Report

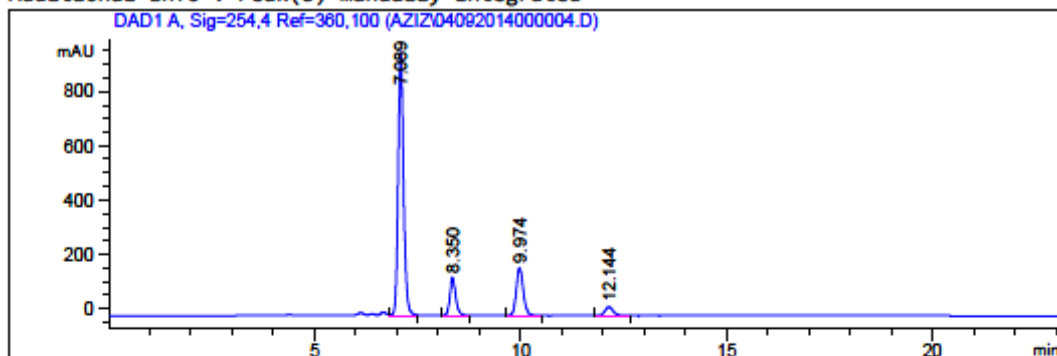
Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	5.712	VB	0.1468	9366.77930	968.91626	51.2805
2	6.710	VV	0.1442	6306.74854	667.74414	34.5277
3	7.641	MM	0.1731	1617.88049	155.77136	8.8574
4	8.821	BB	0.1797	974.35840	82.57642	5.3343

HPLC Chromatogram of Compound **2f** (catalyst **H**)

Additional Info : Peak(s) manually integrated



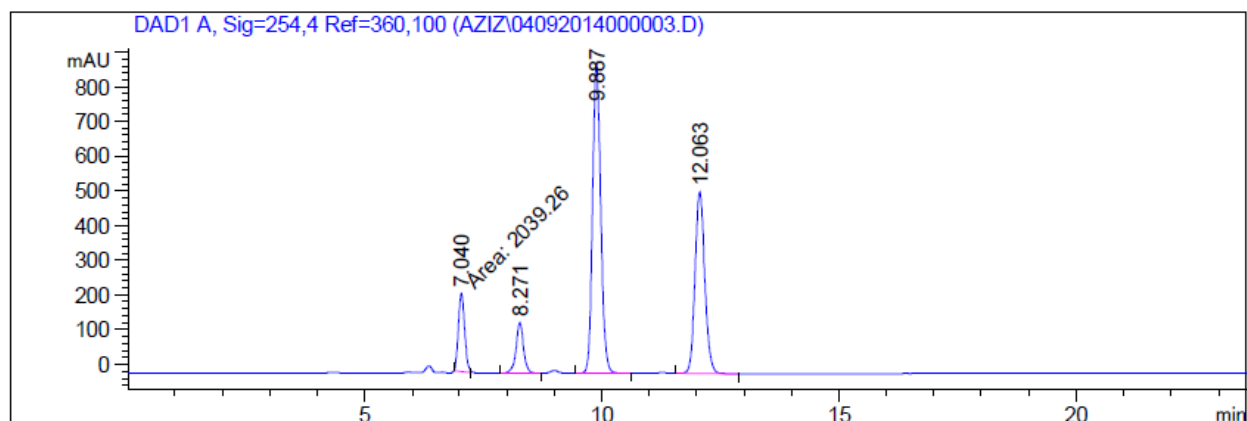
=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	7.089	VB	0.1375	8706.03711	962.40027	68.7754
2	8.350	BV	0.1519	1422.05957	140.69531	11.2339
3	9.974	BB	0.1785	2078.02295	177.58360	16.4158
4	12.144	BB	0.2121	452.52609	32.56121	3.5748

HPLC Chromatogram of Compound **2g** (catalyst **F**)



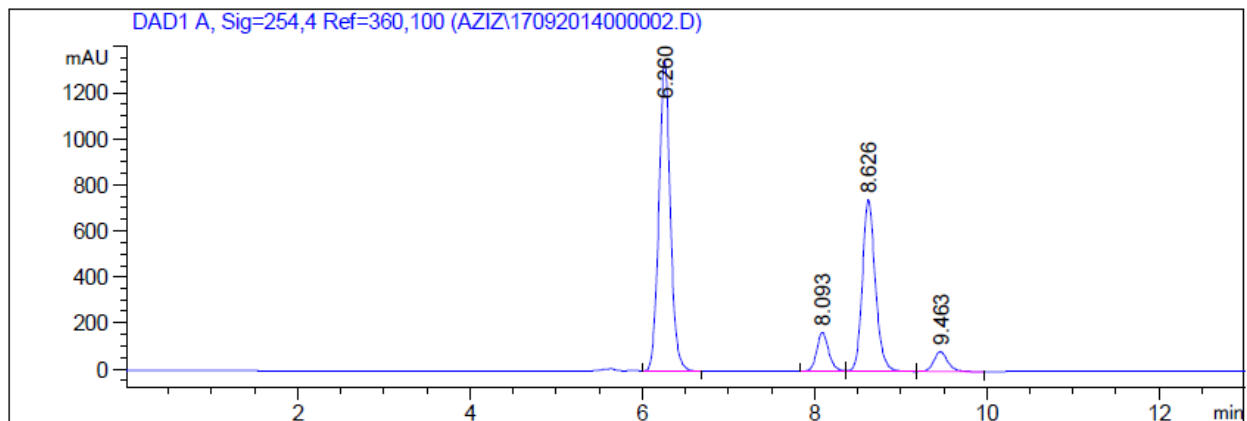
=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

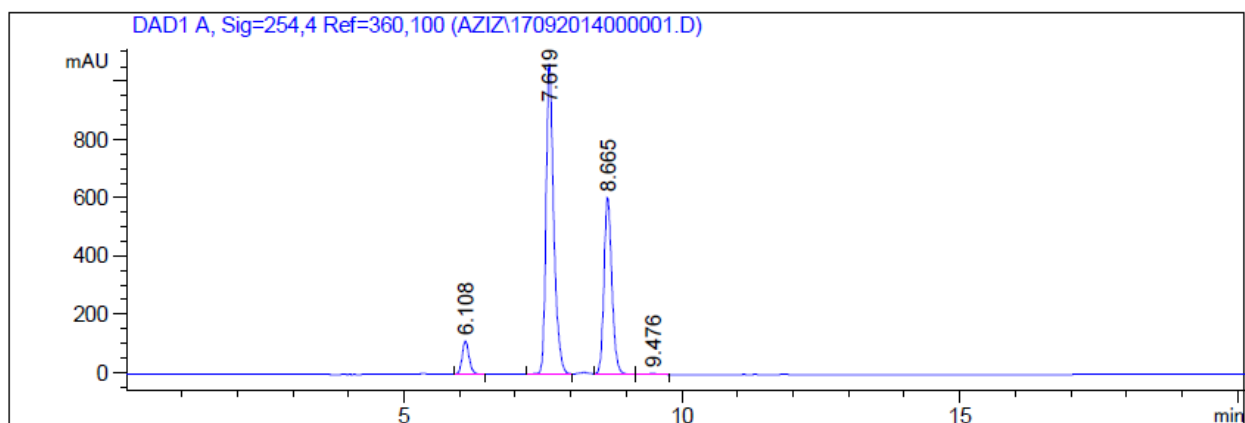
Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	7.040	MM	0.1501	2039.25610	226.44124	9.3439
2	8.271	BB	0.1679	1634.19470	146.76547	7.4879
3	9.887	BB	0.1836	1.06843e4	892.76276	48.9553
4	12.063	BB	0.2184	7466.78711	523.46533	34.2129

HPLC Chromatogram of Compound **2g** (catalyst **H**)



HPLC Chromatogram of Compound **2h** (catalyst **F**)



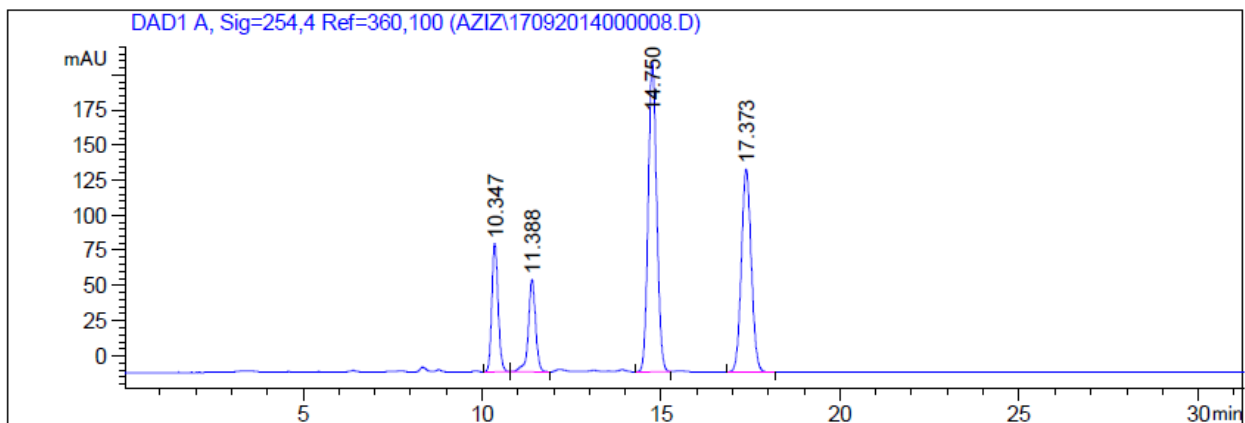
Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

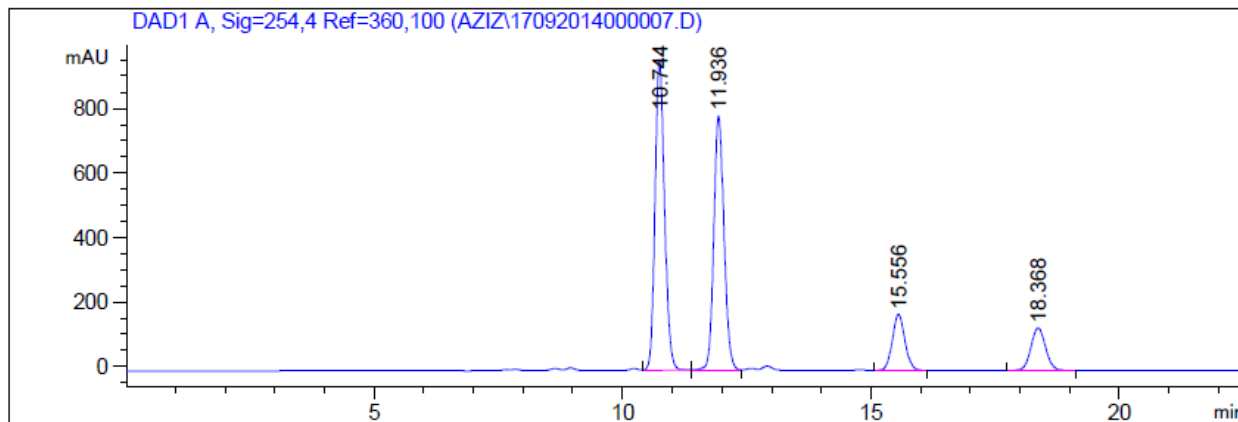
Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	6.108	BB	0.1309	990.18909	114.54664	5.7304
2	7.619	BV	0.1443	1.02623e4	1065.87573	59.3903
3	8.665	VB	0.1513	5996.02197	606.57910	34.7003
4	9.476	BB	0.1761	30.92213	2.65132	0.1790

HPLC Chromatogram of Compound **2h** (catalyst **H**)



HPLC Chromatogram of Compound **2i** (catalyst **F**)



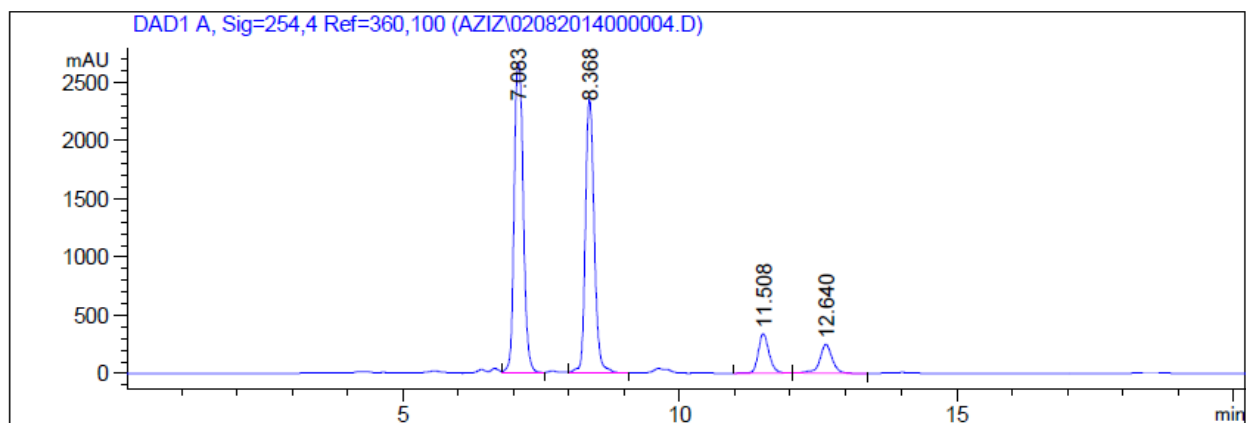
Area Percent Report

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

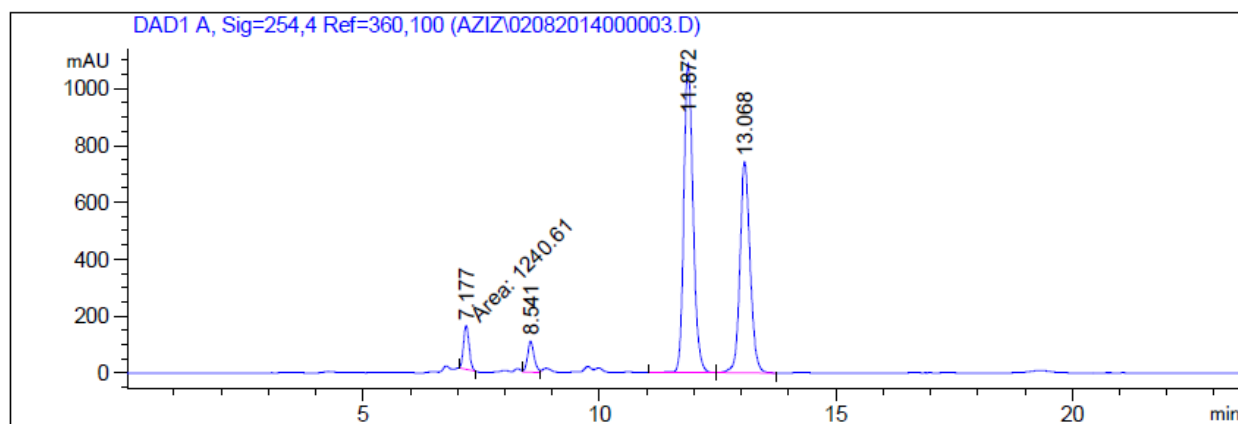
Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	10.744	VB	0.2086	1.28922e4	960.40515	43.1507
2	11.936	BB	0.2205	1.12272e4	786.91205	37.5780
3	15.556	BB	0.2726	3071.67090	173.46368	10.2810
4	18.368	BB	0.3151	2686.03979	131.06013	8.9903

HPLC Chromatogram of Compound **2i** (catalyst **H**)



HPLC Chromatogram of Compound **2j** (catalyst **F**)



=====
Area Percent Report
=====

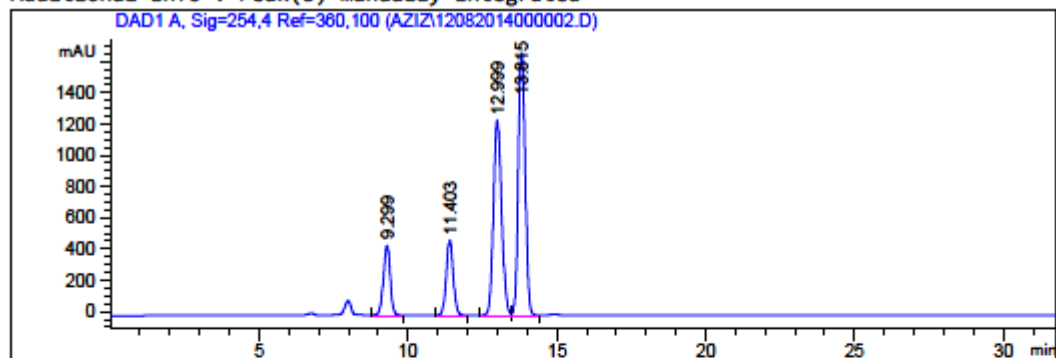
Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	7.177	MM	0.1351	1240.61340	153.01846	4.4066
2	8.541	VV	0.1494	1048.92249	107.89597	3.7257
3	11.872	BB	0.2090	1.47802e4	1084.20447	52.4989
4	13.068	BB	0.2282	1.10836e4	742.25183	39.3687

HPLC Chromatogram of Compound **2j** (catalyst **H**)

Additional Info : Peak(s) manually integrated



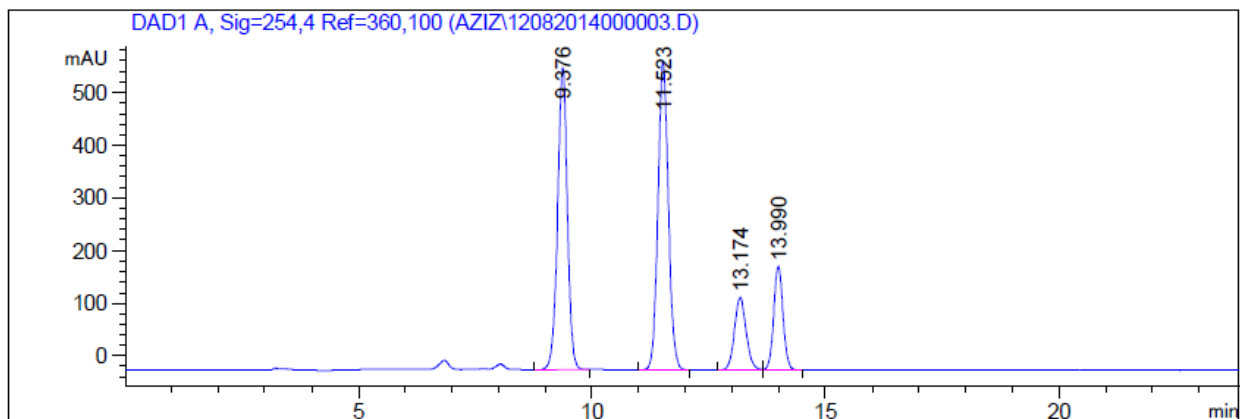
=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	9.299	BB	0.2478	7143.62842	448.66660	10.8272
2	11.403	BB	0.2534	7899.78711	481.40689	11.9733
3	12.999	BV	0.2952	2.38442e4	1246.58984	36.1394
4	13.815	VB	0.2565	2.70909e4	1676.42993	41.0602

HPLC Chromatogram of Compound **2k** (catalyst **F**)



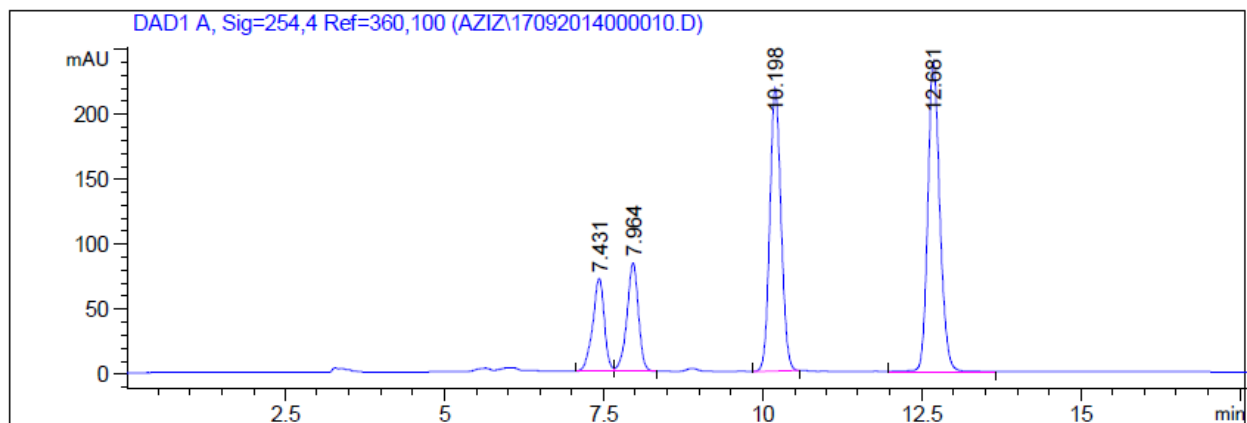
=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

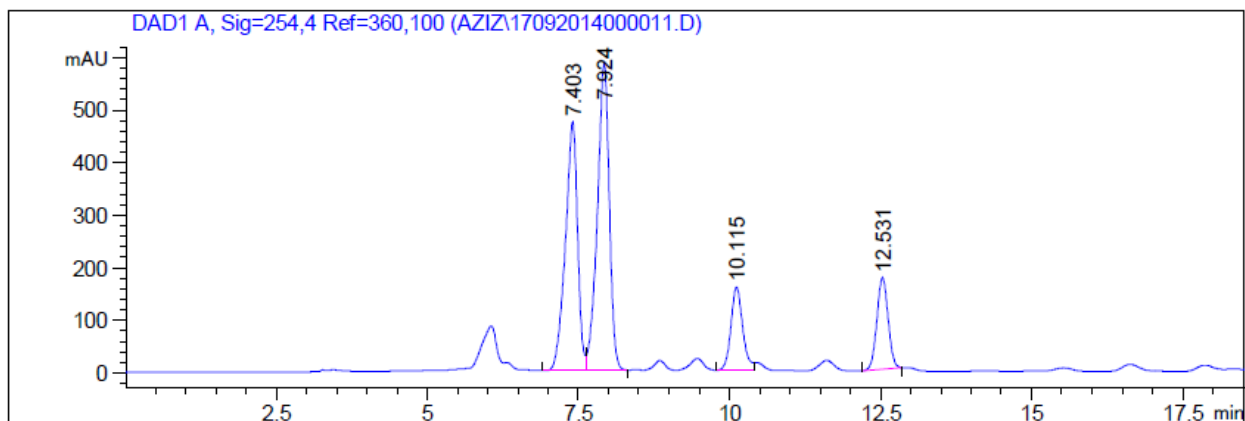
Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	9.376	BB	0.2219	8352.37012	573.53320	36.9568
2	11.523	BB	0.2392	9100.32422	585.91217	40.2662
3	13.174	BV	0.2702	2409.10352	137.66310	10.6596
4	13.990	VB	0.2142	2738.58252	196.99352	12.1174

HPLC Chromatogram of Compound **2k** (catalyst **H**)



HPLC Chromatogram of Compound **2l** (catalyst **F**)



=====
 Area Percent Report
 =====

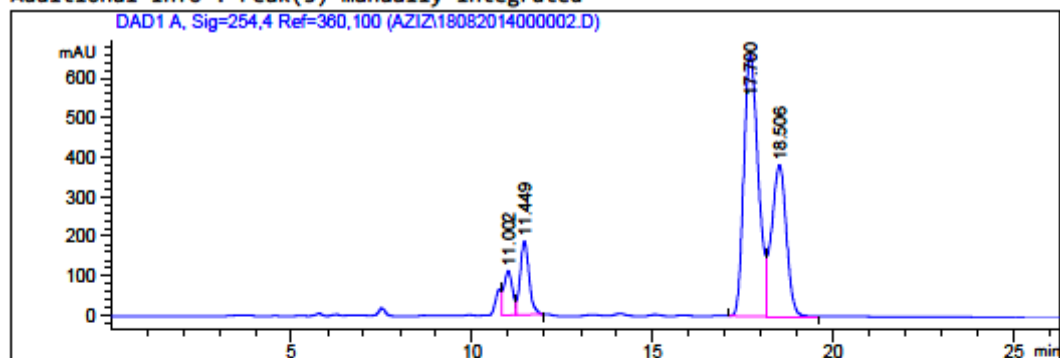
Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	7.403	BV	0.2054	6618.39844	472.66504	34.7281
2	7.924	VV	0.2044	8061.20215	586.24323	42.2988
3	10.115	BV	0.2057	2140.74805	158.39182	11.2330
4	12.531	BB	0.1996	2237.39502	174.47870	11.7401

HPLC Chromatogram of Compound **2l** (catalyst **H**)

Additional Info : Peak(s) manually integrated



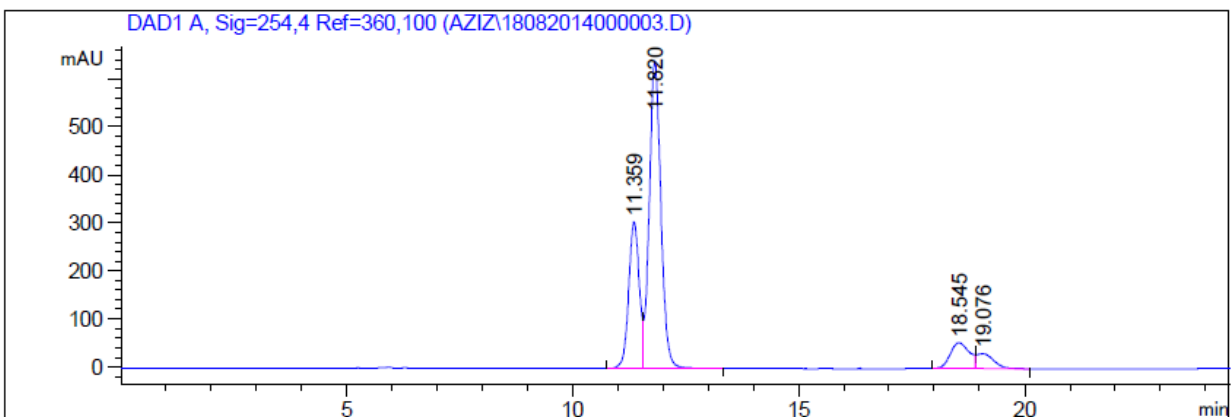
=====
Area Percent Report
=====

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	11.002	VV	0.2452	1834.40442	111.91914	5.3660
2	11.449	VB	0.2627	3203.34888	186.21306	9.3705
3	17.700	BV	0.4291	1.83078e4	660.98444	53.5543
4	18.506	VB	0.4303	1.08399e4	382.93246	31.7091

HPLC Chromatogram of Compound **2m** (catalyst **F**)



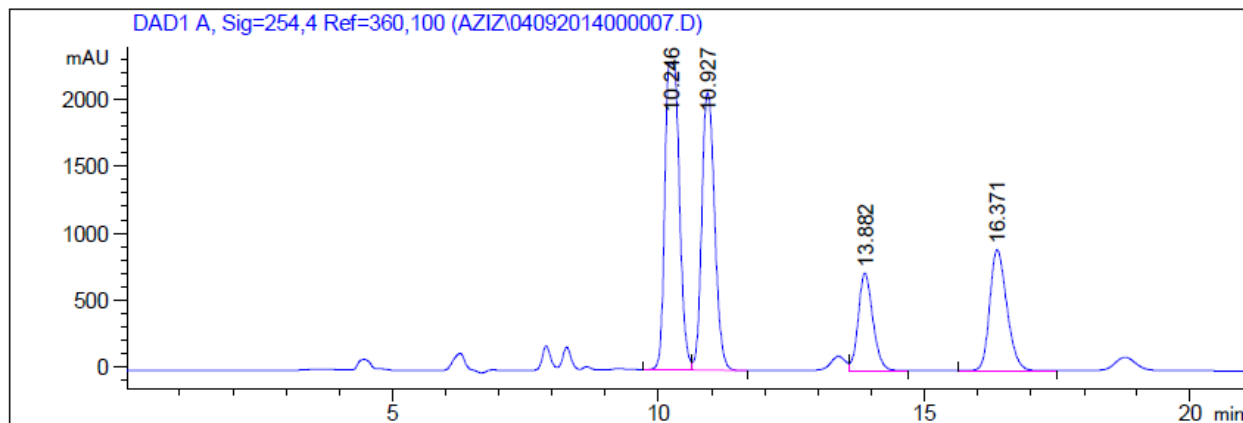
=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

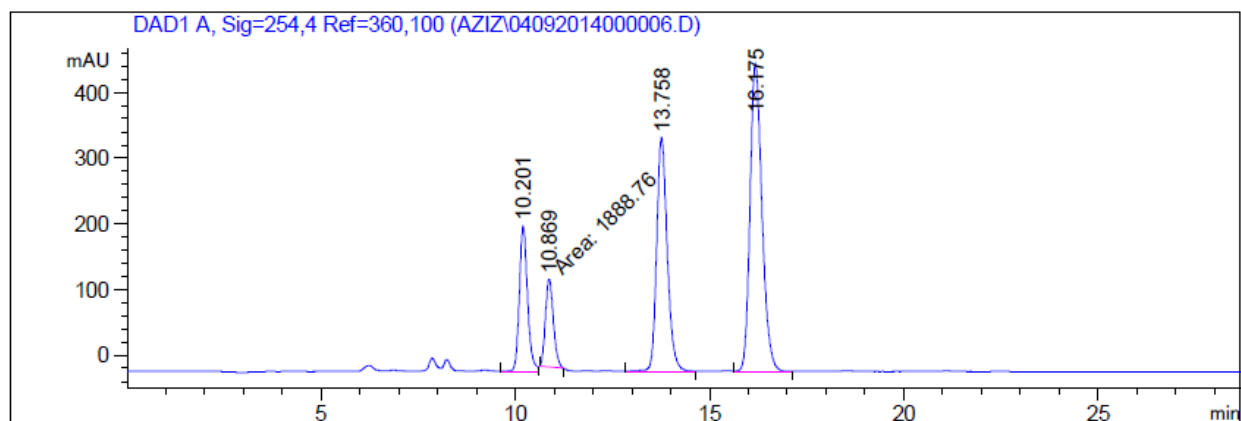
Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	11.359	BV	0.2499	4980.87061	306.00101	26.4605
2	11.820	VB	0.2747	1.14358e4	639.37091	60.7519
3	18.545	BV	0.4485	1596.30933	53.75303	8.4803
4	19.076	VB	0.3913	810.80170	30.97958	4.3073

HPLC Chromatogram of Compound **2m** (catalyst **H**)



HPLC Chromatogram of Compound **2n** (catalyst **F**)



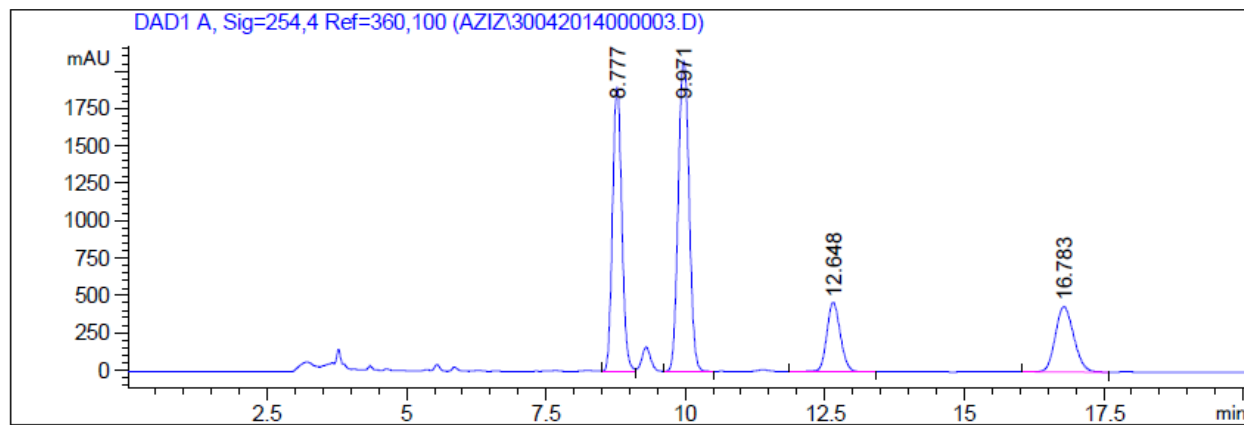
=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

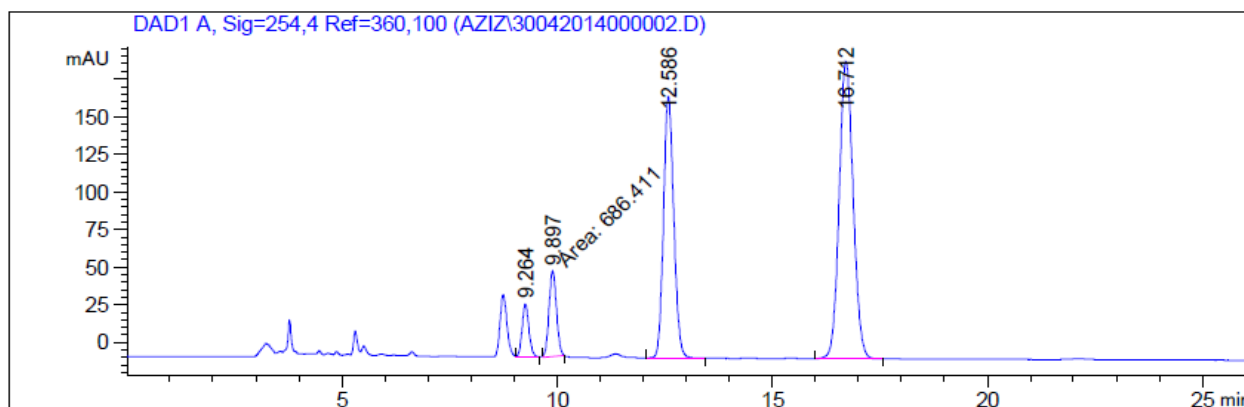
Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	10.201	BV	0.2242	3219.21802	220.70094	14.7473
2	10.869	MM	0.2365	1888.75598	133.11102	8.6524
3	13.758	BB	0.2909	6735.30957	355.76675	30.8546
4	16.175	BB	0.3287	9985.94043	468.39224	45.7457

HPLC Chromatogram of Compound **2n** (catalyst **H**)



HPLC Chromatogram of Compound **2o** (catalyst **F**)



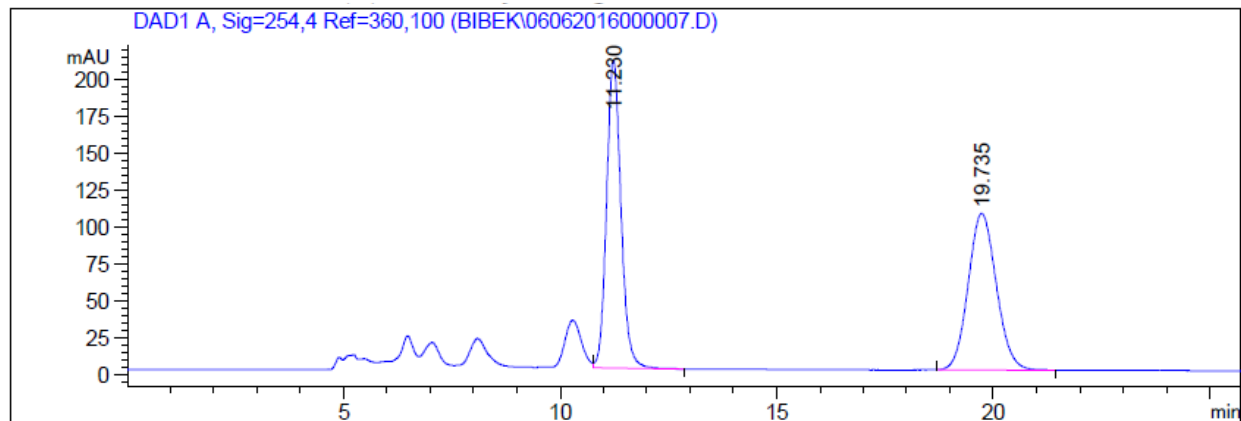
=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

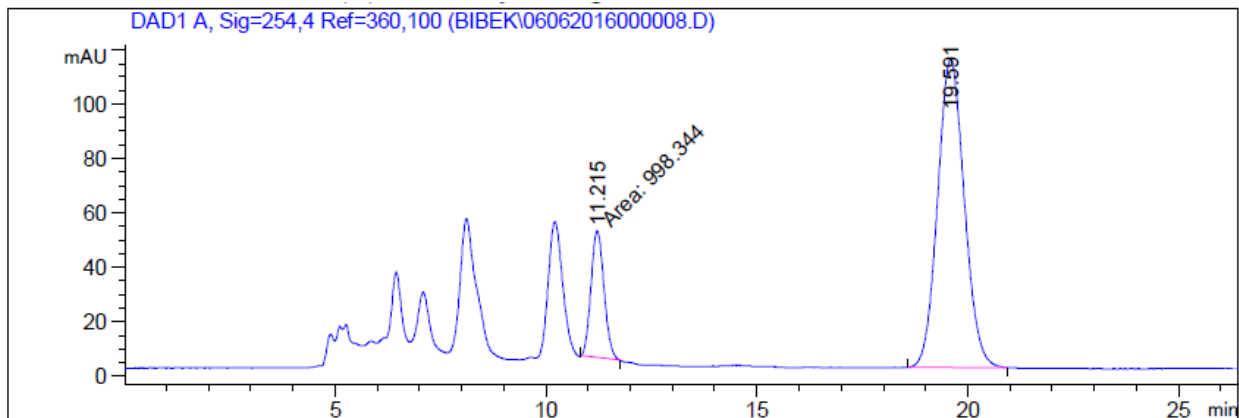
Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	9.264	VV	0.1726	394.29639	35.22050	4.6862
2	9.897	MM	0.2011	686.41125	56.90174	8.1580
3	12.586	BB	0.2570	2870.93481	173.50891	34.1209
4	16.712	BB	0.3542	4462.36670	197.05769	53.0350

HPLC Chromatogram of Compound **2o** (catalyst **H**)



HPLC Chromatogram of Compound (±) **ABT-627**



=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	11.215	MM	0.3573	998.34399	46.56297	16.6861
2	19.591	BB	0.6724	4984.74121	113.06143	83.3139

HPLC Chromatogram of Compound **ABT-627**