

Highly stereoselective construction of adjacent tetrasubstituted carbon stereogenic centres via organocatalytic Mukaiyama-aldol reaction of monofluorinated silyl enol ethers to isatins

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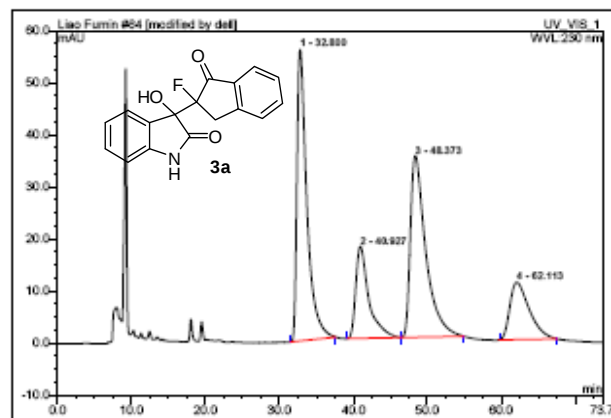
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Supporting Information
(Part III)

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64 Ifm-LA-9-2-rao-2ODH-85/15-0.8-230

Sample Name:	Ifm-LA-9-2-rao-2ODH-85/15-0.8-230	Injection Volume:	20.0
Vial Number:	184	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	290
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-3-20 18:32	Sample Weight:	1.0000
Run Time (min):	73.87	Sample Amount:	1.0000



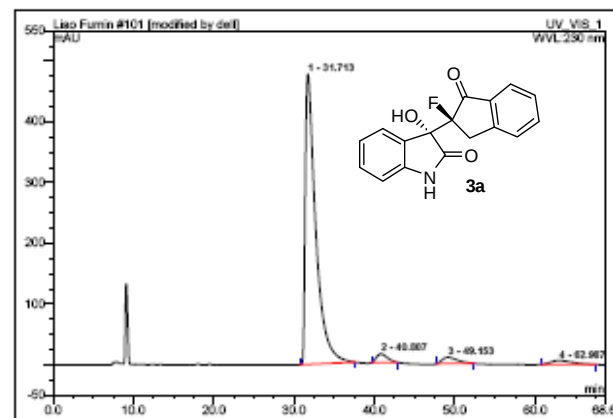
No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	Rel.Area %	Amount	Type
1	32.80	n.a.	56.004	87.333	36.23	n.a.	BMB
2	40.93	n.a.	17.638	36.105	14.98	n.a.	BM
3	48.37	n.a.	34.877	84.149	34.91	n.a.	MB
4	62.11	n.a.	10.989	33.474	13.89	n.a.	BMB
Total:			119.507	241.061	100.00	0.000	

defaultIntegration

Chromeleon (c) Dionex 1996-2006
Version 6.80 SR8a Build 2643 (158225)

101 Ifm-LA-29-asy-2ODH-85/15-0.8-230

Sample Name:	Ifm-LA-29-asy-2ODH-85/15-0.8-230	Injection Volume:	20.0
Vial Number:	201	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	290
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-3 14:20	Sample Weight:	1.0000
Run Time (min):	68.83	Sample Amount:	1.0000



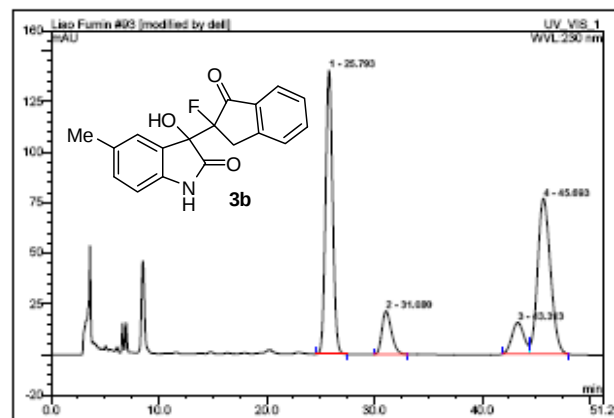
No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	Rel.Area %	Amount	Type
1	31.71	n.a.	478.250	722.721	91.80	n.a.	BMB*
2	40.81	n.a.	13.909	21.875	2.78	n.a.	BMB*
3	48.15	n.a.	10.337	22.731	2.89	n.a.	BMB*
4	62.99	n.a.	6.512	19.985	2.54	n.a.	BMB*
Total:			509.008	787.312	100.00	0.000	

defaultIntegration

Chromeleon (c) Dionex 1996-2006
Version 6.80 SR8a Build 2643 (158225)

93 Ifm-LA-20-3-ao-ADH-85/15-1.0-230

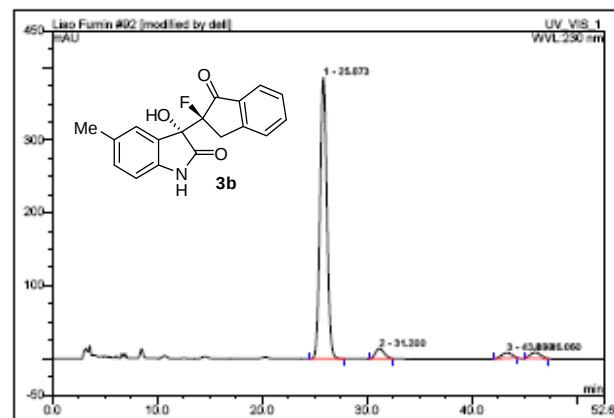
Sample Name:	Ifm-LA-20-3-ao-ADH-85/15-1.0-230	Injection Volume:	20.0
Vial Number:	183	Channel:	UV_V18_1
Sample Type:	standard	Wavelength:	290
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-1 13:03	Sample Weight:	1.0000
Run Time (min):	61.17	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	Rel.Area %	Amount	Type
1	25.79	n.a.	140.094	106.744	41.96	n.a.	BMB
2	31.08	n.a.	21.325	21.686	8.52	n.a.	BMB
3	43.31	n.a.	15.453	20.431	8.03	n.a.	BMB*
4	45.69	n.a.	76.773	105.538	41.49	n.a.	MB*
Total:			253.644	254.399	100.00	0.000	

92 Ifm-LA-20-3-asy-ADH-85/15-1.0-230

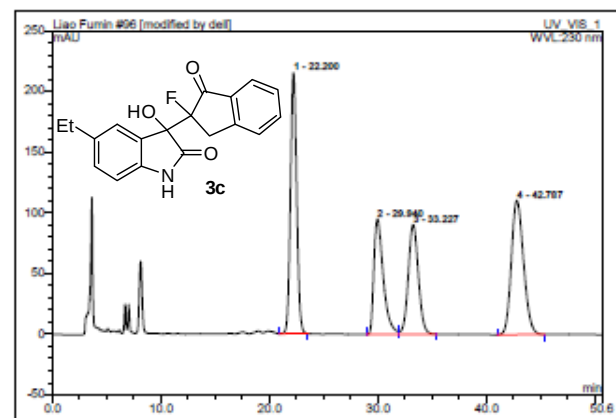
Sample Name:	Ifm-LA-20-3-asy-ADH-85/15-1.0-230	Injection Volume:	20.0
Vial Number:	182	Channel:	UV_V18_1
Sample Type:	standard	Wavelength:	290
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-1 12:09	Sample Weight:	1.0000
Run Time (min):	62.58	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	Rel.Area %	Amount	Type
1	25.87	n.a.	385.654	294.185	90.41	n.a.	BMB
2	31.20	n.a.	13.753	13.391	4.12	n.a.	BMB*
3	43.38	n.a.	7.402	8.423	2.59	n.a.	BMB*
4	45.06	n.a.	7.971	5.394	2.89	n.a.	BMB*
Total:			414.780	325.393	100.00	0.000	

96 Ifm-LA-20-2-*rac*-ADH-85/15-1.0-230

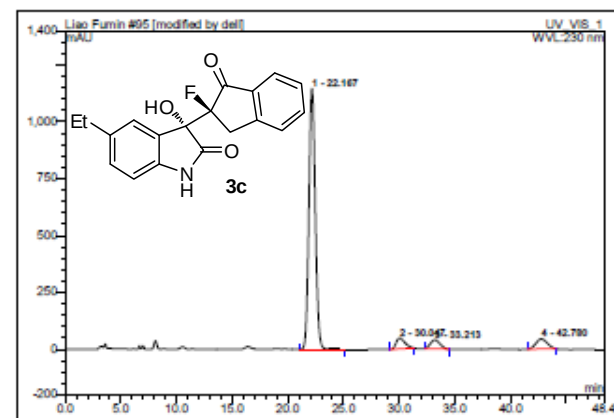
Sample Name:	Ifm-LA-20-2- <i>rac</i> -ADH-85/15-1.0-230	Injection Volume:	20.0
Vial Number:	196	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-1 16:34	Sample Weight:	1.0000
Run Time (min):	60.83	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	22.20	n.a.	214.749	143.673	29.90	n.a.	BMB
2	29.94	n.a.	95.067	95.678	19.91	n.a.	BM
3	33.23	n.a.	90.321	97.069	20.20	n.a.	MB
4	42.79	n.a.	110.532	144.033	29.98	n.a.	BMB
Total:			510.669	480.462	100.00	0.000	

95 Ifm-LA-20-2-*asy*-ADH-85/15-1.0-230

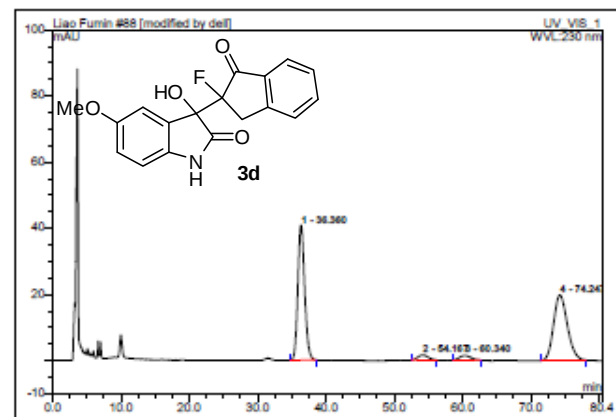
Sample Name:	Ifm-LA-20-2- <i>asy</i> -ADH-85/15-1.0-230	Injection Volume:	20.0
Vial Number:	196	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-1 14:44	Sample Weight:	1.0000
Run Time (min):	48.38	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	22.17	n.a.	1145.521	763.700	85.28	n.a.	BMB
2	30.05	n.a.	46.814	42.932	4.79	n.a.	BMB*
3	33.21	n.a.	38.639	38.031	4.25	n.a.	BMB*
4	42.78	n.a.	43.282	50.852	5.68	n.a.	BMB*
Total:			1274.256	895.515	100.00	0.000	

88 Ifm-LA-20-4-rac-ADH-85/15-1.0-230

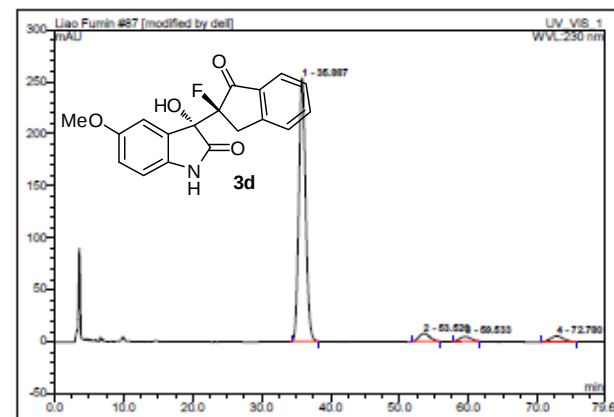
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Vial Number:	188	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-3-31 18:23	Sample Weight:	1.0000
Run Time (min):	80.40	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	36.36	n.a.	40.733	46.780	47.51	n.a.	BMB
2	54.17	n.a.	1.530	2.744	2.79	n.a.	BMB
3	60.34	n.a.	1.387	2.656	2.70	n.a.	BMB
4	74.25	n.a.	19.762	46.287	47.01	n.a.	BMB
Total:			63.413	98.466	100.00	0.000	

87 Ifm-LA-20-4-asy-ADH-85/15-1.0-230

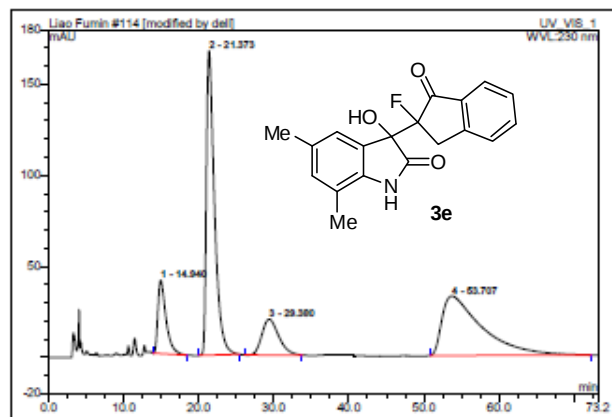
Sample Name:	Ifm-LA-20-4-asy-ADH-85/15-1.0-230	Injection Volume:	20.0
Vial Number:	187	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-3-31 17:01	Sample Weight:	1.0000
Run Time (min):	79.63	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	36.89	n.a.	253.148	287.221	89.32	n.a.	BMB
2	53.52	n.a.	7.612	13.752	4.28	n.a.	BMB
3	59.53	n.a.	4.563	8.441	2.63	n.a.	BMB
4	72.78	n.a.	5.569	12.140	3.78	n.a.	BMB
Total:			270.892	321.555	100.00	0.000	

114 Ifm-LA-28-1-rac-AYH-80/20-1.0-230

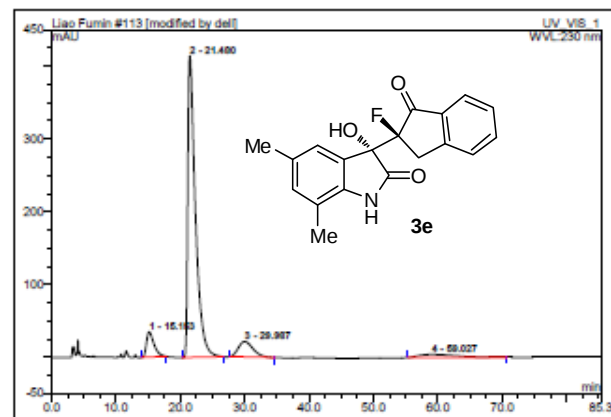
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Vial Number:	214	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-5 10:58	Sample Weight:	1.0000
Run Time (min):	73.18	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	14.94	n.a.	40.262	50.609	9.87	n.a.	BMB*
2	21.37	n.a.	167.142	208.912	40.73	n.a.	BMB*
3	29.38	n.a.	19.643	51.013	9.95	n.a.	BMB*
4	53.71	n.a.	32.576	202.331	39.45	n.a.	BMB*
Total:			259.622	512.865	100.00	0.000	

113 Ifm-LA-28-1-asy-AYH-80/20-1.0-230

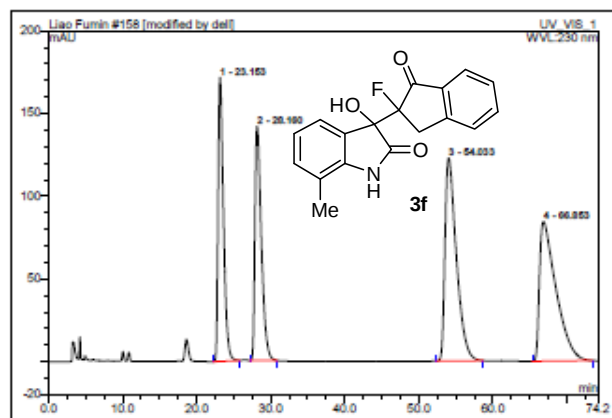
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Vial Number:	213	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-5 9:29	Sample Weight:	1.0000
Run Time (min):	85.33	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	15.15	n.a.	34.688	47.255	6.72	n.a.	BMB*
2	21.48	n.a.	413.951	571.880	81.27	n.a.	BMB*
3	29.99	n.a.	21.243	56.202	7.99	n.a.	BMB*
4	59.03	n.a.	4.189	28.369	4.03	n.a.	BMB*
Total:			474.080	703.705	100.00	0.000	

158 Ifm-LA-42-rac-IE-80/20-1.0-230

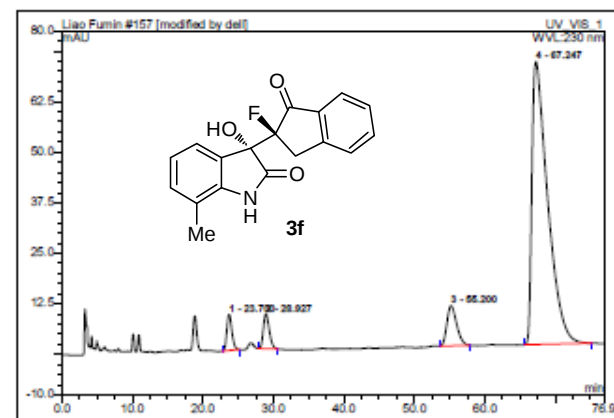
Sample Name:	Ifm-LA-42-rac-IE-80/20-1.0-230	Injection Volume:	20.0
Vial Number:	268	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-14 12:48	Sample Weight:	1.0000
Run Time (min):	74.18	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	23.15	n.a.	171.523	143.757	19.88	n.a.	BMB
2	28.16	n.a.	141.431	143.533	19.85	n.a.	BMB
3	54.03	n.a.	122.425	218.137	30.16	n.a.	BMB
4	66.85	n.a.	84.187	217.803	30.12	n.a.	BMB
Total:			519.567	723.230	100.00	0.000	

157 Ifm-LA-42-asy-IE-80/20-1.0-230

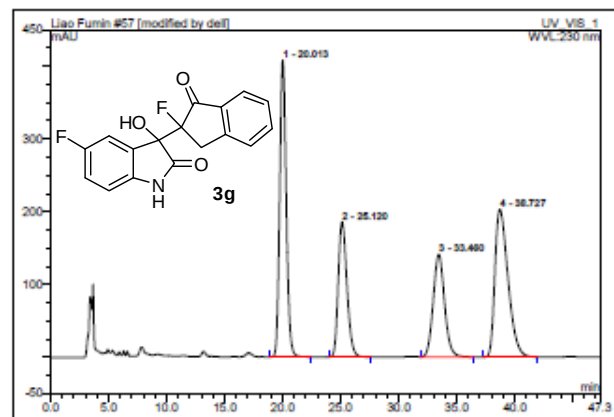
Sample Name:	Ifm-LA-42-asy-IE-80/20-1.0-230	Injection Volume:	20.0
Vial Number:	268	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-14 11:30	Sample Weight:	1.0000
Run Time (min):	78.89	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	23.70	n.a.	8.896	7.406	3.49	n.a.	BMB*
2	28.93	n.a.	8.594	8.404	3.96	n.a.	BMB*
3	55.20	n.a.	9.862	15.773	7.44	n.a.	BMB
4	67.25	n.a.	69.852	180.500	85.11	n.a.	BMB*
Total:			97.204	212.084	100.00	0.000	

57 Ifm-LA-11-2-*rac*-ADH-85/15-1.0-230

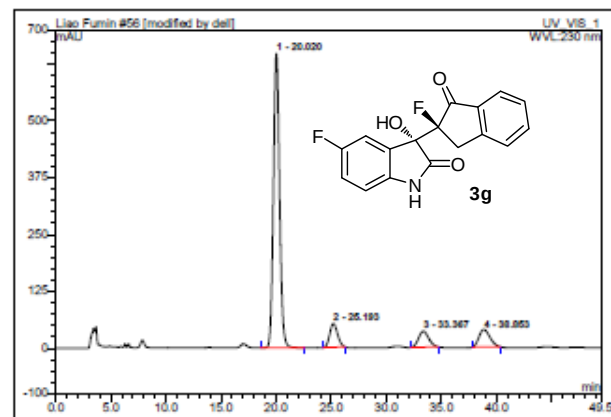
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Vial Number:	167	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-3-18 16:20	Sample Weight:	1.0000
Run Time (min):	47.36	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	20.01	n.a.	407.244	265.557	31.18	n.a.	BMB
2	25.12	n.a.	185.432	160.952	18.90	n.a.	BMB
3	33.46	n.a.	140.843	159.522	18.73	n.a.	BMB
4	38.73	n.a.	202.803	265.684	31.19	n.a.	BMB
Total:			936.322	851.716	100.00	0.000	

56 Ifm-LA-11-2-*asy*-ADH-85/15-1.0-230

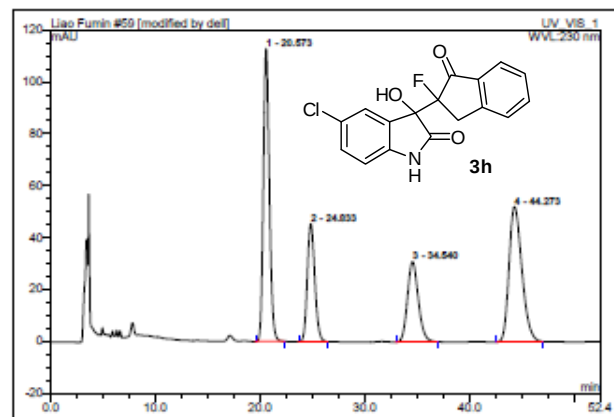
Sample Name:	Ifm-LA-11-2- <i>asy</i> -ADH-85/15-1.0-230	Injection Volume:	20.0
Vial Number:	168	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-3-18 14:29	Sample Weight:	1.0000
Run Time (min):	48.48	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	20.02	n.a.	646.195	418.587	77.20	n.a.	BMB
2	25.19	n.a.	51.867	42.697	7.87	n.a.	BMB*
3	33.37	n.a.	34.749	37.151	6.85	n.a.	BMB*
4	38.85	n.a.	38.184	43.807	8.08	n.a.	BMB*
Total:			770.996	542.243	100.00	0.000	

59 Ifm-LA-11-3-rac-ADH-85/15-1.0-230

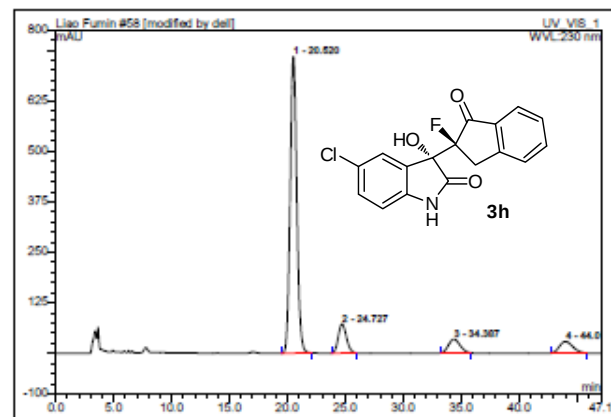
Sample Name:	Ifm-LA-11-3-rac-ADH-85/15-1.0-230	Injection Volume:	20.0
Vial Number:	168	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-3-18 16:58	Sample Weight:	1.0000
Run Time (min):	62.43	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	20.57	n.a.	112.562	74.709	33.52	n.a.	BMB
2	24.83	n.a.	45.273	37.253	16.71	n.a.	BMB
3	34.54	n.a.	30.819	37.006	16.60	n.a.	BMB
4	44.27	n.a.	51.885	73.915	33.16	n.a.	BMB
Total:			240.539	222.883	100.00	0.000	

58 Ifm-LA-11-3-asy-ADH-85/15-1.0-230

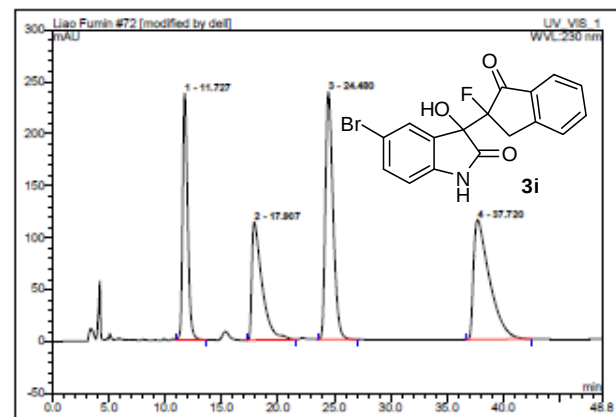
Sample Name:	Ifm-LA-11-3-asy-ADH-85/15-1.0-230	Injection Volume:	20.0
Vial Number:	168	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-3-18 16:11	Sample Weight:	1.0000
Run Time (min):	47.08	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	20.52	n.a.	733.545	487.965	78.31	n.a.	BMB*
2	24.73	n.a.	71.902	58.446	9.38	n.a.	BMB*
3	34.39	n.a.	33.813	38.902	6.24	n.a.	BMB*
4	44.01	n.a.	28.587	37.807	6.07	n.a.	BMB*
Total:			867.847	623.120	100.00	0.000	

72 Ifm-LA-22-*rac*-IE-80/20-1.0-230

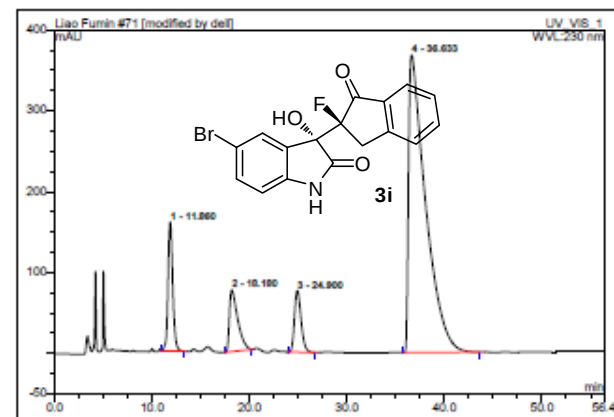
Sample Name:	Ifm-LA-22- <i>rac</i> -IE-80/20-1.0-230	Injection Volume:	20.0
Vial Number:	172	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-3-28 18:16	Sample Weight:	1.0000
Run Time (min):	48.76	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	11.73	n.a.	236.887	121.610	19.71	n.a.	BMB*
2	17.91	n.a.	113.304	119.304	19.33	n.a.	BMB
3	24.48	n.a.	237.743	187.113	30.32	n.a.	BMB
4	37.72	n.a.	115.066	189.042	30.64	n.a.	BMB
Total:			703.001	617.068	100.00	0.000	

71 Ifm-LA-19-1-*asy*-IE-80/20-1.0-230

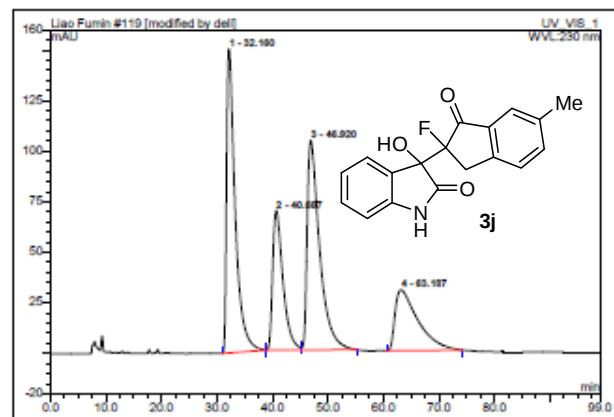
Sample Name:	Ifm-LA-19-1- <i>asy</i> -IE-80/20-1.0-230	Injection Volume:	20.0
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Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-3-28 17:16	Sample Weight:	1.0000
Run Time (min):	68.38	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	11.86	n.a.	159.172	89.474	9.24	n.a.	BMB*
2	18.18	n.a.	75.275	75.448	7.79	n.a.	BMB*
3	24.90	n.a.	75.142	60.254	6.22	n.a.	BMB
4	36.63	n.a.	367.444	742.984	76.74	n.a.	BMB
Total:			679.033	968.159	100.00	0.000	

119 Ifm-LA-32-*rac*-2ODH-85/15-0.8-230

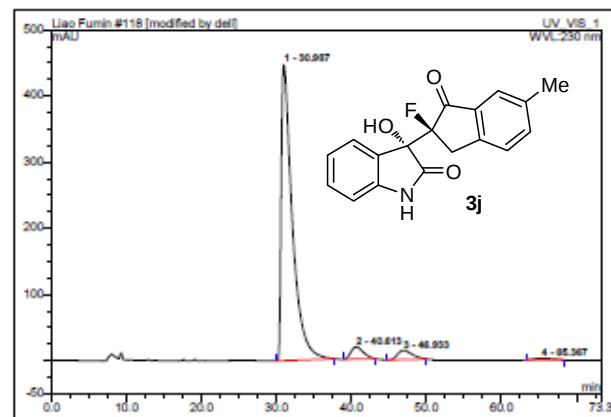
Sample Name:	Ifm-LA-32- <i>rac</i> -2ODH-85/15-0.8-230	Injection Volume:	20.0
Vial Number:	218	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-5 18:03	Sample Weight:	1.0000
Run Time (min):	88.04	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	32.16	n.a.	150.274	270.694	32.51	n.a.	BMB
2	40.69	n.a.	68.927	148.622	17.85	n.a.	BM
3	46.92	n.a.	103.494	269.799	32.41	n.a.	MB
4	63.19	n.a.	29.953	143.421	17.23	n.a.	BMB
Total:			352.648	832.537	100.00	0.000	

118 Ifm-LA-32-*asy*-2ODH-85/15-0.8-230

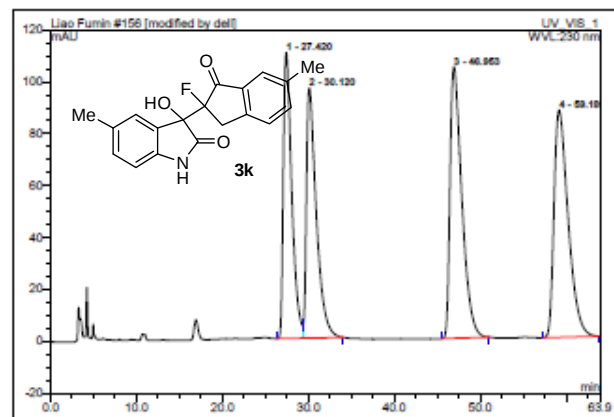
Sample Name:	Ifm-LA-32- <i>asy</i> -2ODH-85/15-0.8-230	Injection Volume:	20.0
Vial Number:	218	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-5 18:48	Sample Weight:	1.0000
Run Time (min):	73.27	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	30.99	n.a.	446.638	760.500	91.31	n.a.	BMB*
2	40.61	n.a.	18.555	35.651	4.28	n.a.	BMB*
3	46.93	n.a.	13.774	30.994	3.72	n.a.	BMB*
4	65.37	n.a.	1.927	5.701	0.68	n.a.	BMB*
Total:			480.895	832.847	100.00	0.000	

156 Ifm-LA-43-1-rac-IE-80/20-1.0-230

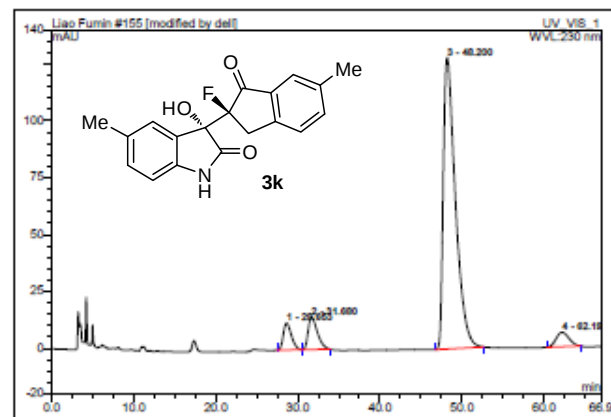
Sample Name:	Ifm-LA-43-1-rac-IE-80/20-1.0-230	Injection Volume:	20.0
Vial Number:	267	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-14 10:26	Sample Weight:	1.0000
Run Time (min):	63.94	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	27.42	n.a.	109.903	124.255	21.25	n.a.	BM
2	30.12	n.a.	96.121	128.341	21.94	n.a.	MB
3	46.95	n.a.	104.348	165.841	28.36	n.a.	BMB
4	59.18	n.a.	87.354	166.423	28.45	n.a.	BMB
Total:			397.726	584.860	100.00	0.000	

155 Ifm-LA-43-1-asy-IE-80/20-1.0-230

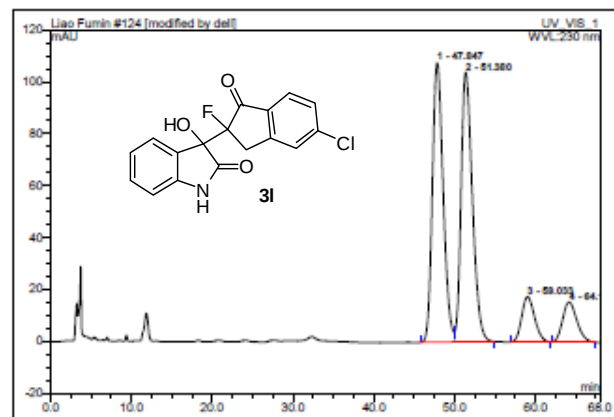
Sample Name:	Ifm-LA-43-1-asy-IE-80/20-1.0-230	Injection Volume:	20.0
Vial Number:	268	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-14 9:18	Sample Weight:	1.0000
Run Time (min):	68.93	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	28.65	n.a.	11.747	13.422	5.14	n.a.	BMB*
2	31.68	n.a.	14.368	18.714	7.16	n.a.	bMB*
3	48.20	n.a.	128.049	217.706	83.33	n.a.	BMB*
4	62.19	n.a.	6.312	11.430	4.37	n.a.	BMB*
Total:			160.476	261.272	100.00	0.000	

124 Ifm-LA-37-1-*rac*-ADH-90/10-1.0-230

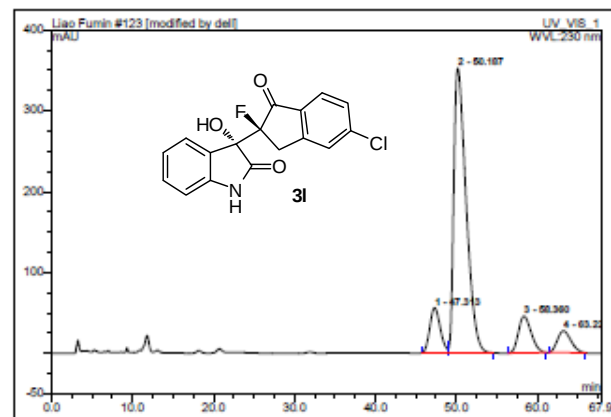
Sample Name:	Ifm-LA-37-1- <i>rac</i> -ADH-90/10-1.0-230	Injection Volume:	20.0
Vial Number:	224	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-7 16:23	Sample Weight:	1.0000
Run Time (min):	67.88	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	47.85	n.a.	107.371	166.447	41.86	n.a.	BM
2	51.38	n.a.	103.552	167.786	42.19	n.a.	MB
3	59.03	n.a.	17.373	32.134	8.08	n.a.	BMB
4	64.18	n.a.	15.378	31.284	7.87	n.a.	BMB
Total:			243.674	397.651	100.00	0.000	

123 Ifm-LA-37-1-*asy*-ADH-90/10-1.0-230

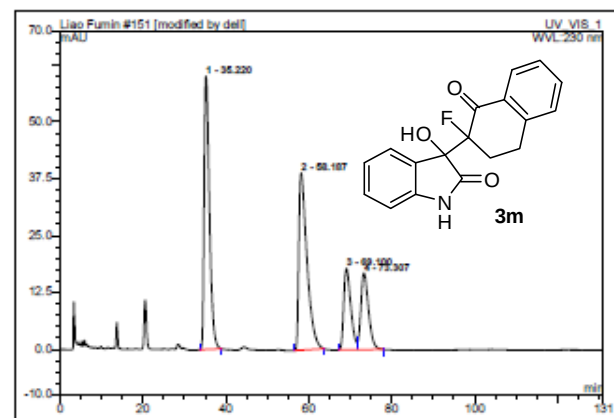
Sample Name:	Ifm-LA-37-1- <i>asy</i> -ADH-90/10-1.0-230	Injection Volume:	20.0
Vial Number:	223	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-7 15:13	Sample Weight:	1.0000
Run Time (min):	67.88	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	47.31	n.a.	55.514	83.011	9.92	n.a.	BM*
2	50.19	n.a.	351.359	618.213	73.91	n.a.	MB*
3	58.36	n.a.	45.314	83.304	9.96	n.a.	BMB*
4	63.23	n.a.	26.698	51.918	6.21	n.a.	BMB*
Total:			478.886	836.446	100.00	0.000	

151 Ifm-LA-37-3-*rac*-IE-85/15-1.0-230

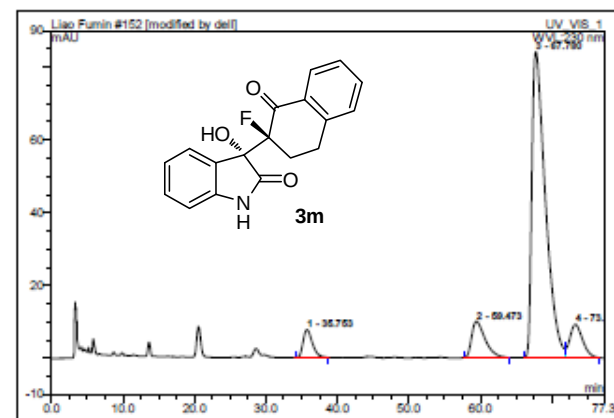
Sample Name:	Ifm-LA-37-3- <i>rac</i> -IE-85/15-1.0-230	Injection Volume:	20.0
Vial Number:	262	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-12 11:32	Sample Weight:	1.0000
Run Time (min):	131.10	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	35.22	n.a.	60.006	89.485	35.91	n.a.	BMB
2	58.19	n.a.	38.840	88.499	35.51	n.a.	BMB
3	69.10	n.a.	17.857	35.341	14.18	n.a.	BM *
4	73.31	n.a.	16.826	35.880	14.40	n.a.	MB *
Total:			133.528	249.205	100.00	0.000	

152 Ifm-LA-37-3-*asy*-IE-85/15-1.0-230

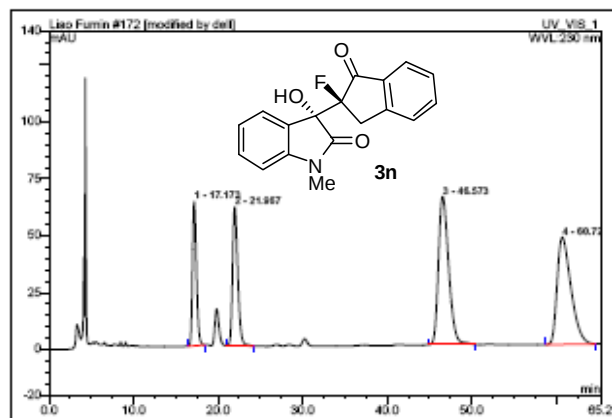
Sample Name:	Ifm-LA-37-3- <i>asy</i> -IE-85/15-1.0-230	Injection Volume:	20.0
Vial Number:	263	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-12 13:47	Sample Weight:	1.0000
Run Time (min):	77.30	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	35.75	n.a.	7.516	11.450	4.86	n.a.	BMB*
2	59.47	n.a.	9.954	21.551	9.15	n.a.	BMB*
3	67.78	n.a.	83.969	183.961	78.08	n.a.	BM *
4	73.31	n.a.	9.081	18.629	7.91	n.a.	MB *
Total:			110.620	235.592	100.00	0.000	

172 Ifm-LA-28-2-rac-IE-70/30-1.0-230

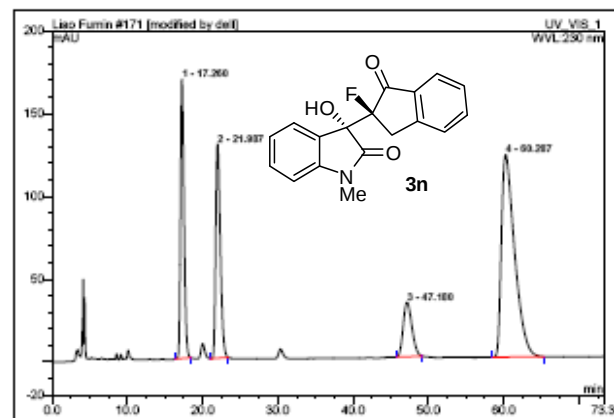
Sample Name:	Ifm-LA-28-2-rac-IE-70/30-1.0-230	Injection Volume:	20.0
Vial Number:	273	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	290
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-21 21:08	Sample Weight:	1.0000
Run Time (min):	86.24	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	Rel.Area %	Amount	Type
1	17.17	n.a.	63.263	34.684	13.37	n.a.	BMB
2	21.97	n.a.	60.887	43.830	16.90	n.a.	BMB*
3	46.57	n.a.	65.052	91.581	35.31	n.a.	BMB
4	60.73	n.a.	47.001	89.249	34.41	n.a.	BMB
Total:			236.202	259.344	100.00	0.000	

171 Ifm-LA-28-2-asy-IE-70/30-1.0-230

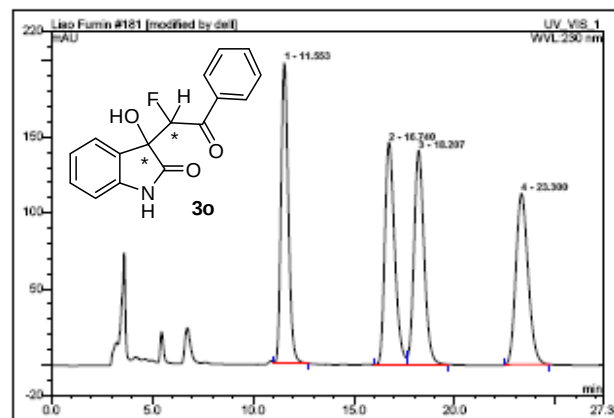
Sample Name:	Ifm-LA-28-2-asy-IE-70/30-1.0-230	Injection Volume:	20.0
Vial Number:	272	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	290
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-21 18:41	Sample Weight:	1.0000
Run Time (min):	73.28	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	Rel.Area %	Amount	Type
1	17.26	n.a.	168.613	92.555	19.40	n.a.	BMB*
2	21.99	n.a.	129.278	92.426	19.37	n.a.	BMB*
3	47.18	n.a.	32.758	43.973	9.21	n.a.	BMB*
4	60.29	n.a.	122.210	248.239	52.02	n.a.	BMB
Total:			452.858	477.194	100.00	0.000	

181 Ifm-LA-77-rao-ADH-80/20-1.0-230

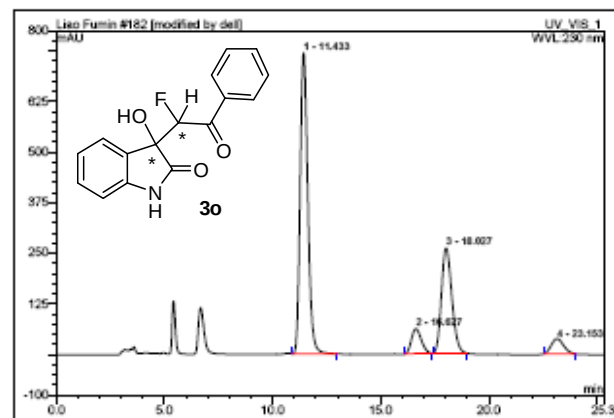
Sample Name:	Ifm-LA-77-rao-ADH-80/20-1.0-230	Injection Volume:	20.0
Vial Number:	282	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	290
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-5-16 20:47	Sample Weight:	1.0000
Run Time (min):	27.31	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	Rel.Area %	Amount	Type
1	11.55	n.a.	197.906	82.743	25.33	n.a.	MB*
2	16.74	n.a.	146.615	83.009	25.41	n.a.	BM*
3	18.21	n.a.	140.812	81.490	24.95	n.a.	MB*
4	23.30	n.a.	112.671	79.384	24.30	n.a.	BMB*
Total:			598.004	326.626	100.00	0.000	

182 Ifm-LA-77-asy-ADH-80/20-1.0-230

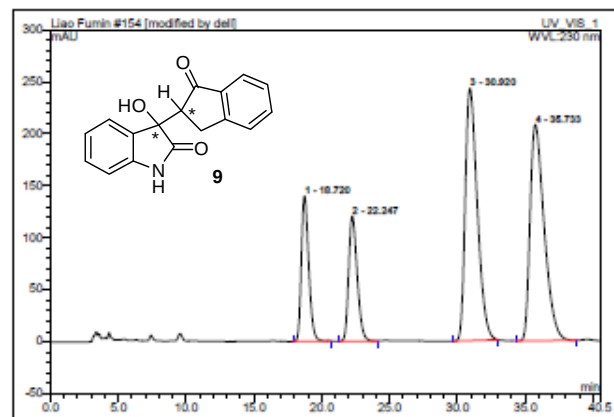
Sample Name:	Ifm-LA-77-asy-ADH-80/20-1.0-230	Injection Volume:	20.0
Vial Number:	283	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	290
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-5-16 21:18	Sample Weight:	1.0000
Run Time (min):	26.30	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	Rel.Area %	Amount	Type
1	11.43	n.a.	743.292	305.047	60.22	n.a.	BMB*
2	16.63	n.a.	61.083	32.152	6.36	n.a.	BMB*
3	18.03	n.a.	259.817	144.999	28.62	n.a.	BMB*
4	23.15	n.a.	37.249	24.363	4.81	n.a.	BMB*
Total:			1101.441	506.561	100.00	0.000	

154 Ifm-LA-44-rac-IE-70/30-1.0-230

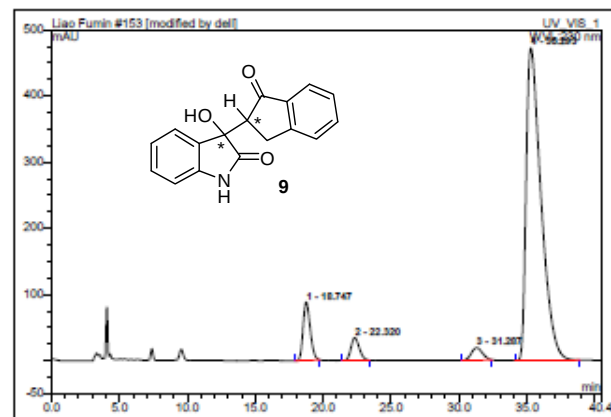
Sample Name:	Ifm-LA-44-rac-IE-70/30-1.0-230	Injection Volume:	20.0
Vial Number:	266	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-12 21:56	Sample Weight:	1.0000
Run Time (min):	40.60	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	18.72	n.a.	139.615	88.072	13.04	n.a.	BMB
2	22.25	n.a.	120.048	87.702	12.98	n.a.	BMB*
3	30.92	n.a.	242.379	249.101	36.87	n.a.	BMB*
4	35.73	n.a.	207.612	250.728	37.11	n.a.	BMB*
Total:			709.653	675.604	100.00	0.000	

153 Ifm-LA-44-asy-IE-70/30-1.0-230

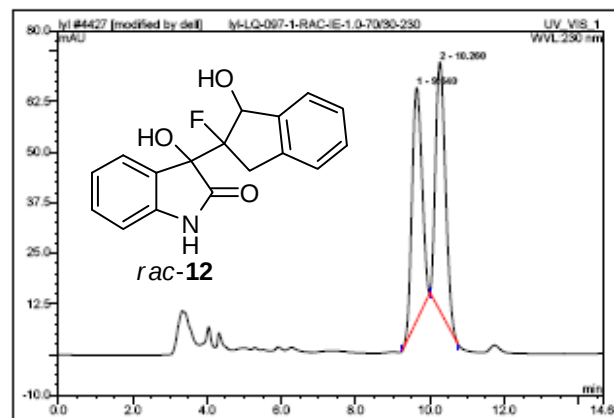
Sample Name:	Ifm-LA-44-asy-IE-70/30-1.0-230	Injection Volume:	20.0
Vial Number:	254	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liao Fumin	Bandwidth:	n.a.
Quantif. Method:	Liao Fumin	Dilution Factor:	1.0000
Recording Time:	2014-4-12 21:13	Sample Weight:	1.0000
Run Time (min):	40.46	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	RelArea %	Amount	Type
1	18.75	n.a.	87.770	53.549	7.72	n.a.	BMB*
2	22.32	n.a.	34.241	24.386	3.51	n.a.	BMB*
3	31.29	n.a.	18.819	17.830	2.57	n.a.	BMB*
4	35.29	n.a.	471.782	598.261	86.20	n.a.	BMB
Total:			612.611	694.026	100.00	0.000	

4427 lyl-LQ-097-1-RAC-IE-1.0-70/30-230

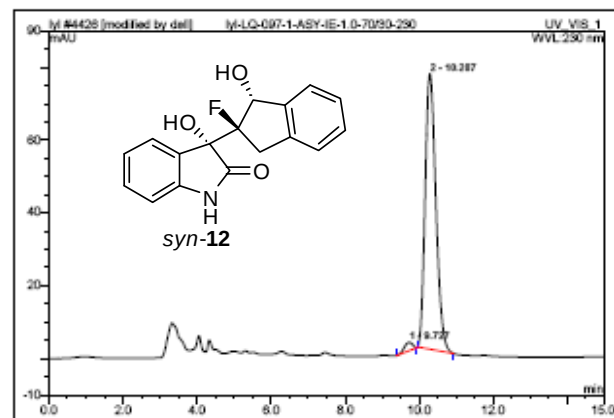
Sample Name:	lyl-LQ-097-1-RAC-IE-1.0-70/30-230	Injection Volume:	20.0
Vial Number:	999	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liu Yunlin	Bandwidth:	n.a.
Quantif. Method:	lyl	Dilution Factor:	1.0000
Recording Time:	2014-4-24 21:18	Sample Weight:	1.0000
Run Time (min):	14.84	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	Rel.Area %	Amount	Type
1	9.64	n.a.	57.479	17.787	48.52	n.a.	BMB*
2	10.26	n.a.	61.335	18.875	51.48	n.a.	BMB*
Total:			118.814	36.662	100.00	0.000	

4426 lyl-LQ-097-1-ASY-IE-1.0-70/30-230

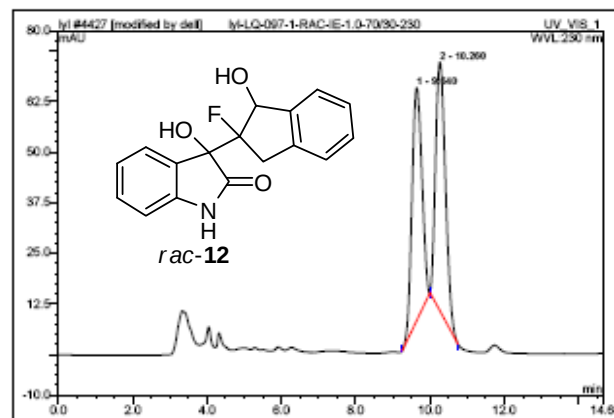
Sample Name:	lyl-LQ-097-1-ASY-IE-1.0-70/30-230	Injection Volume:	20.0
Vial Number:	999	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liu Yunlin	Bandwidth:	n.a.
Quantif. Method:	lyl	Dilution Factor:	1.0000
Recording Time:	2014-4-24 20:58	Sample Weight:	1.0000
Run Time (min):	14.87	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height mAU	Area mAU*min	Rel.Area %	Amount	Type
1	9.73	n.a.	2.264	0.580	2.24	n.a.	BMB*
2	10.29	n.a.	75.594	25.310	97.76	n.a.	BMB*
Total:			77.858	25.889	100.00	0.000	

4427 lyl-LQ-097-1-RAC-IE-1.0-70/30-230

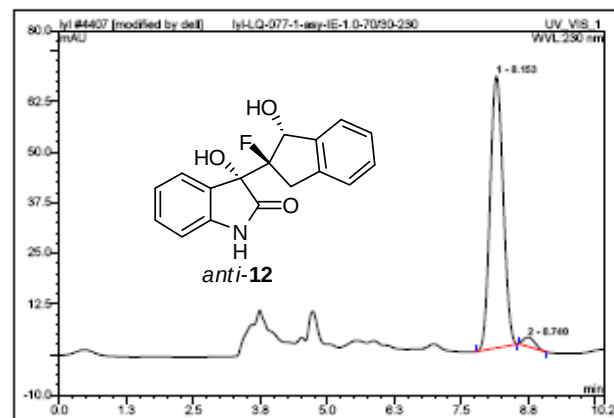
Sample Name:	lyl-LQ-097-1-RAC-IE-1.0-70/30-230	Injection Volume:	20.0
Vial Number:	999	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liu Yunlin	Bandwidth:	n.a.
Quantif. Method:	lyl	Dilution Factor:	1.0000
Recording Time:	2014-4-24 21:18	Sample Weight:	1.0000
Run Time (min):	14.84	Sample Amount:	1.0000



No.	Ret. Time (min)	Peak Name	Height (mAU)	Area (mAU*min)	Rel. Area (%)	Amount	Type
1	9.64	n.a.	57.479	17.787	48.52	n.a.	BMB*
2	10.26	n.a.	61.335	18.875	51.48	n.a.	BMB*
Total:			118.814	36.662	100.00	0.000	

4407 lyl-LQ-077-1-asy-IE-1.0-70/30-230

Sample Name:	lyl-LQ-077-1-asy-IE-1.0-70/30-230	Injection Volume:	20.0
Vial Number:	999	Channel:	UV_VIS_1
Sample Type:	standard	Wavelength:	230
Control Program:	Liu Yunlin	Bandwidth:	n.a.
Quantif. Method:	lyl	Dilution Factor:	1.0000
Recording Time:	2014-4-14 18:14	Sample Weight:	1.0000
Run Time (min):	10.15	Sample Amount:	1.0000



No.	Ret. Time (min)	Peak Name	Height (mAU)	Area (mAU*min)	Rel. Area (%)	Amount	Type
1	8.15	n.a.	67.092	18.885	97.04	n.a.	BMB*
2	8.74	n.a.	2.258	0.575	2.96	n.a.	BMB*
Total:			69.351	19.460	100.00	0.000	