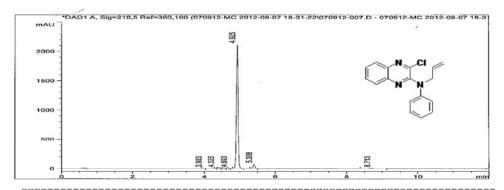
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## COSMIC DISCOVERIES @ ILS HPLC ANALYSIS REPORT

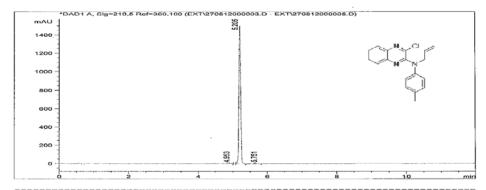
Injection Date Sample Name Acq Operator Acq. Method Analysis Method Method Info



Signal 1: DAD1 A, Sig=210,5 Ref=360,100

Peak    #	RT [min]	Area	Area % !
1			
1 1	3.983	5.555	0.073
2	4.325	2.972	0.039
3	4.414	48.626	0.640
4	4.559	13.624	0.179
5	4.693	10.068	0.133
6	4.925	7192.250	94.655
1 7	5.398	269.887	3.552
8	8.713	55.392	0.729

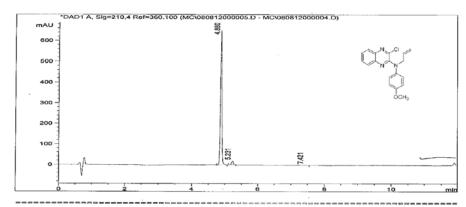
Injection Date :
Sample Name :
Acq Operator :
Acq. Method :
Analysis Method :
Method Info :



Signal 1: DAD1 A, Sig=210,5 Ref=360,100

Peak	RT	Area	Area %	1
##	[min]	1		ı
1				1
1 1	4.953	3.073	0.061	١.
2	5.080	5.062	0.100	1
3	5.205	5055.910	99.696	1
1 4	5.751	7.266	0.143	- 1
				-

Sample Name
Acq Operator
Acq. Method
Analysis Method
Method Info



Signal 1: DAD1 A, Sig=210,4 Ref=360,100

Peak	RT	Width	Area	Area %	Name
# ;	[min]	[min]	l	1	l I
1 1	4.880	0.051	2000.542	96.438	1
2	5.231	0.060	65.718	3.168	i i
3	7.421	0.108	8.170	0.394	i i

Injection Date :

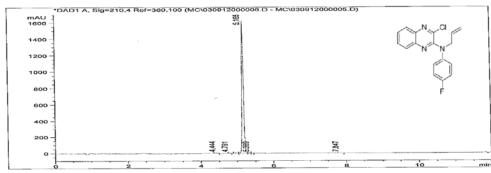
Sample Name :

Acq Operator :

Acq . Method :

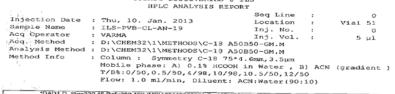
Analysis Method :

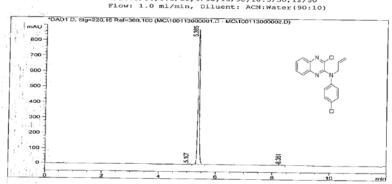
Method Info :



Signal 1: DAD1 A, Sig=210,4 Ref=360,100

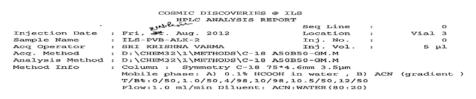
Peak	RT	Area	Area %
# 1	[min]		
1	I		
1	4.444	23.400	0.423
2	4.791	13.710	0.248
3	4.972	23.229	0.420
j 4 j	5.165	5448.318	98.494
5	5.288	15.678	0.283
( 6	5.369	4.778	0.086
1 7	7.847	2.503	0.045

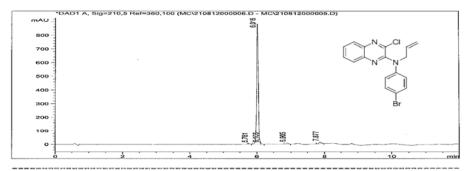




Signal 1: DAD1 D, Sig=220,16 Ref=360,100

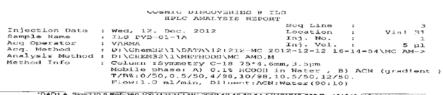
[Peak]		Area	Area %
1 -46 (11)	[min]		
1 (11)	5.107	6.284	0.184
1 31	5.3851 8.3531	3404.397;	
	0.3331	4.866	0.142

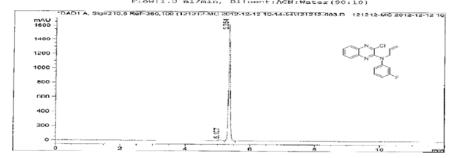




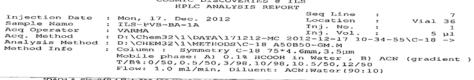
Signal 1: DAD1 A, Sig=210,5 Ref=360,100

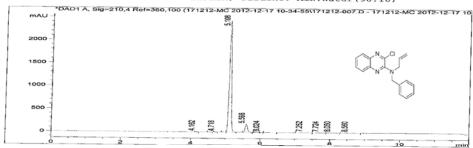
Peak	RT	Width	Area	Area %	Name
#	[min]	[min]		I	1
1					
1 1	5.781	0.048	11.463	0.365	
2	6.016	0.056	3020.662	96.290	i .
3	6.106	0.022	7.983	0.254	I .
4	6.905	0.070	33.487	1.067	1 1
5	7.877	0.092	63.454	2.023	1





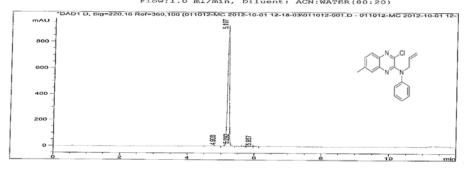
		·
signal	1: DAD1 A, Sig-2	LO,5 Ref=360,100
Peak		Area %
1 # 1	[min]	: 1
11		:
1 11	5.107  55.2	0.865
1 81	5.354  6330.3	72  99.135
		*** End of Report ***





Signal 1: DAD1 A, Sig=210,4 Ref=360,100
Peak  RT   Area   Area %
#   [min]
1 1 4.162( 11.482) 0.097(
1 21 4.5531 8.8381 0.0751
1 31 4.718  4.212  0.036
1 41 4.9561 26.9841 0.2281
5 5.108 10772.528 91.115
1 61 5.5981 804.7391 6.8071
7 5.900 23.666 0.200
1 81 6.0241 3.6271 0.031
9  6.271  17.074  0.144
1 10  7.252  27.111  0.229
11! 7.724  27.284  0.231
1 121 8.060  34.184  0.289
1 13! 8.560  61.245! 0.518

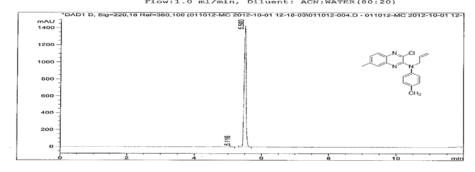
Injection Date :
Sample Name :
Acq Operator :
Acq. Method :
Analysis Method :
Method Info :



Signal 1: DAD1 D, Sig=220,16 Ref=360,100

i	Peak!	RT [min]	1	Aroa	Area %
1	1		- 1		
ı	1.1	4.900	1	8.2421	0.2301
1	21	5.197	٠,	3512.0921	98.110
1	31	5.292	: 1	20.4371	0.5711
1	41	5.721	- 1	11.6491	0.3251
1	51	5.791	1	20.968	0.5861
1	61	5.957	1	6.3461	0.1771
_			_		

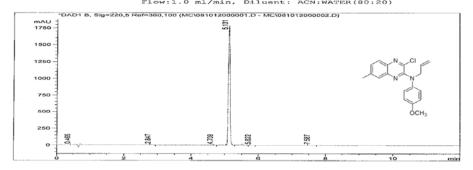
Injection Date : Sample Name : Acq Operator : Acq. Method : Analysis Method : Method Info :



Signal 1: DAD1 D, Sig=220,16 Ref=360,100

1	Peakl	15.T		Area	Area %
- 1	# 1	(min)			
- 1	!		1		
-	1:	5.3	261	11.610	0.201
- 1	21	5.5	0001	5775.059	99.7991
_					<del>-</del>

Injection Date :
Sample Name :
Acq Operator :
Acq. Method :
Analysis Method :
Method Info :

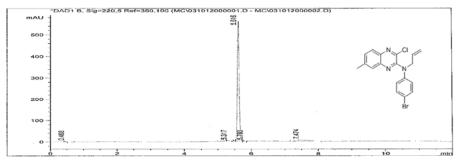


Signal 1: DAD1 B, Sig=220,5 Ref=360,100

12	Peak!	RT [min]	1	Area	į	Area %
i.	i-		- i		i	
1	1.1	0.46	61	6.855	ı	0.1111
1	21	2.84	7 I	19.825	ı	0.3211
F	31	4.70	91	3.980	ı	0.0641
1	41	5.13	2.1	6122.680	ı	99.1991
1	51	5.59	31	9.266	ı	0.1501
1	61	5.82	21	1.853	1	0.0301
1	フィ	7.58	71	7.680	1	0.1241
					_	

COSMIC DISCOVERIES @ ILS
HPLC ANALYSIS REPORT

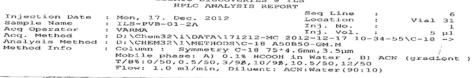
Wed, 3. Oct. 2012 Location :
ILS-PVB-BR-AN-1A Inj. No. :
D:\CHEM32\1\METHODS\C-18 A50B50-GM.M
D:\CHEM32\1\METHODS\C-18 A50B50-GM.M
Column : Symmetry C-18 75\*4.6mm 3.5µm
Mobile phase: A)0.1% HCOOH in water , B) ACN
T/B&0/50,1/50,3/98,10/98,10.5/50,12/50
Flow:1.0 ml/min, Diluent: ACN:WATER(80:20) Vial 53 0 4 µl Injection Date Sample Name Acq Operator Acq. Method Analysis Method Method Info



Signal 1: DAD1 B, Sig=220,5 Ref=360,100

- 1	Peakl	RT	- 1	Area I	Area %
- 1	# 1	[min]	- 1	ı	1
- 1	I		I		
L	2.1	0.46	581	3.9761	0.1751
L	21	5.33	171	7.2911	0.321
-1	31	5.52	105	2.1701	0.0961
- 1	41	5.63	161	2115.350	93.251
- 1	51	5.79	931	2.9481	0.1301
- 1	61	7.47	741	136.7191	6.027
-					

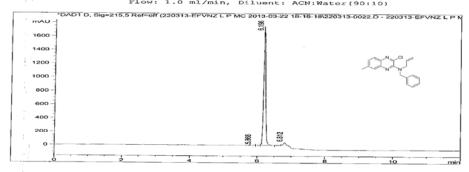
## HPLC ANALYSIS REPORT





Signal 1: DAD1 B, Sig=220,4 Ref=360,100

-	Peakl	RT I	Area	Area %
ı	# 1	[mi.n] [		
ı	1			i
ı	3.1	3.5541	3.600	0.0611
1	21	3.681!	2.313	0.0391
-	31	4.6541	11.627	0.197
1	4 1	4.7671	5.3701	0.091
1	51	4.979	5861.556	99.1841
	61	5.4271	25.3021	0.4281
_				



Signal	1: DAD1	D,	Sig=21	5,	5 Ref:	=0f	£	
Peakl	RT	!	Area	!	Area	8	ı	

5.868| 6.021| 6.196| 6.812| 4.757| 5.087| 7349.091| 193.985| 0.063; 0.067; 97.301; 2.568;

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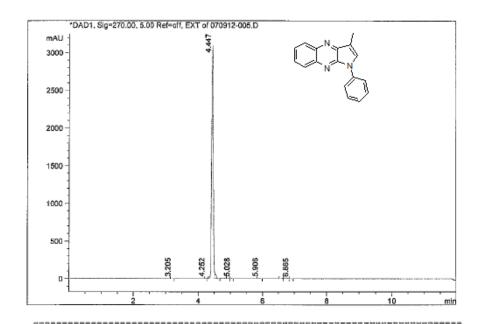
#### COSMIC DISCOVERIES @ ILS HPLC ANALYSIS REPORT

Analysis Method : D:\CHEM32\1\METHODS\C-18 A50B50-GM.M Method Info : Column : Symmetry C-18 75\*4.6mm 3.5µm

. Column : Symmetry C-18 75-4.6mm 3.5mm

Mobile phase: A)0.1% HCOOH in water , B) ACN (Isocratic ) T/B % 0/50,1/50,3/98,10/98,10.5/50,12/50

Flow:1.0 ml/min, Diluent: ACN:WATER(80:20)



Signal 1: DAD1, Sig=270.00, 5.00 Ref=off, EXT

- 1	eak  #	RT [min]	Area [	Area %
-	[-			
	1	3.205	6.920	0.062
	2	4.252	5.037	0.045
ĺ	3	4.447	10914.851	97.519
	4	4.549	160.095[	1.430
	5	4.948	5.727	0.051
	6	5.028	4.172	0.037
ĺ	7	5.906	8.953[	0.080
	8	6.655	12.633	0.113
	9	6.734	69.287[	0.619
	10	6.865	4.841	0.043

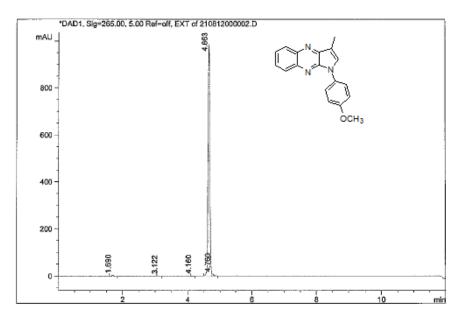
\_\_\_\_\_\_

| Seq Line : 0 | Injection Date : Tue, 21. Aug. 2012 | Location : Vial 1 | Sample Name : ILS-KSK-03-PVB-ALK-2 | Inj. No. : 0 | Acq Operator : SRI KRISHNA VARMA | Inj. Vol. : 5 µl

Acq. Method : D:\CHEM32\1\METHODS\C-18 A50B50-GM.M
Analysis Method : D:\CHEM32\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%:0/50,1.0/50,4/98,10/98,10.5/50,12/50 Flow:1.0 ml/min Diluent: ACN:WATER(80:20)



Signal 1: DAD1, Sig=265.00, 5.00 Ref=off, EXT

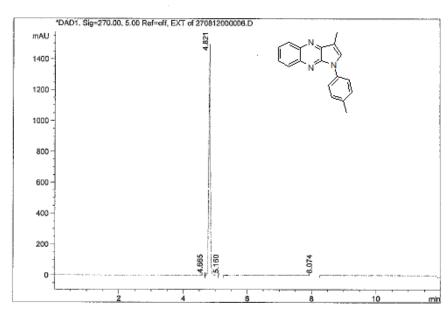
Poak!	RT   [min]	Width   [min]	Area	Area %	Name
}-	-	-			
1 1	1.690	0.064	10.315	0.291	
2	3.122	0.066	1.174	0.033	
3[	4.160[	0.055	3.283	0.093	
[ 4[	4.663	0.059	3508.999	99.001	1
5 [	4.760	0.042	20.638	0.582	

\_\_\_\_\_\_

Acq. Method : D:\CHEM32\1\METHODS\C-18 A50B50-GM.M
Analysis Method : D:\CHEM32\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 (Isocratic )

T/B%0/50,1/50,3/98,10/98,10.5/50,12/50 Flow:1.0 ml/min, Diluent: ACN:WATER(80:20)



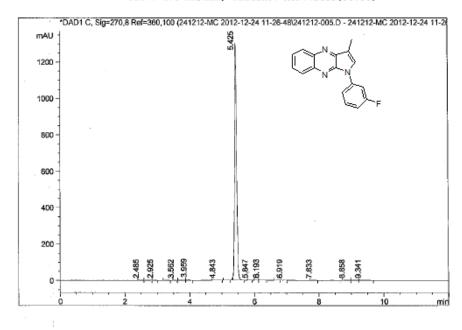
Signal 1: DAD1, Sig-270.00, 5.00 Ref=off, EXT

Pe	ak	RT	Area	Area %
#		[min]		I
	-			
	1	4.665	1.695	0.034
	2	4.821	4984.584	99.864
l	3	5.160	1.136	0.023
	4	8.074	3.948	0.079

Analysis Method : D:\CHEM32\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%:0/50,0.5/50,4/98,10/98,10.5/50,12/50 Flow: 1.0 ml/min, Diluent: ACN:Water(50:50)



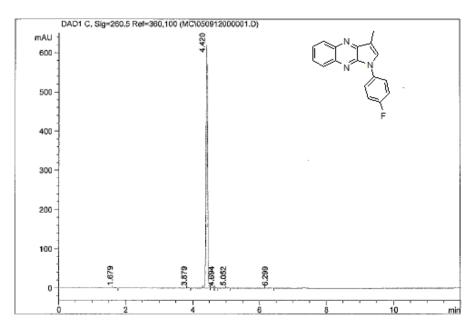
Signal 1: DAD1 C, Sig=270,8 Ref=360,100

Peak	RT	Area	Area %
#	[min]	1	1
-	-	-	
1	2.485	3.704	0.061
1 21	2.689	10.388	0.170
1 31	2.925	4.224	0.069
4	3.307	5.357	0.088
[ 5]	3.562	1.051	0.017
1 61	3.699	8.307	0.136
1 71	3.959[	17.616	0.288
8	4.843	7.4391	0.122
9	5.132	5.683	0.093
101	5.425	6004.054	98.176
11	5.847	1.286	0.021
121	6.067	3.913	0.064

Acq. Method : D:\CHEM32\1\METHODS\C-18 A50B50-GM.M
Analysis Method : D:\CHEM32\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 (Isocratic )

T/B%0/50,1/50,3/98,10/98,10.5/50,12/50 Flow:1.0 ml/min, Diluent: ACN:WATER(80:20)



Signal 1: DAD1 C, Sig=260,5 Ref=360,100

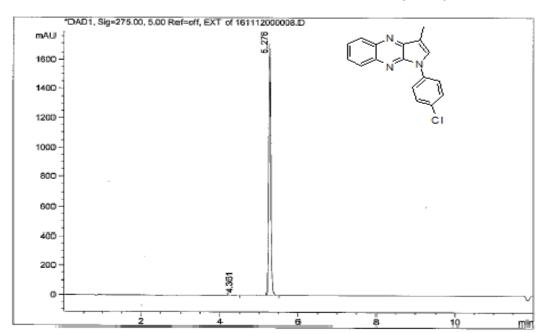
Peak   #	RT   [min]	Area	Area %
1	1.679	3.029	0.153
2	3.879	1.284	0.065
3	4.420	1954.677	98.979
4	4.548	7.296	0.369
5	4.694	2.074	0.105
6	5.052	1.881	0.095
7	6.299	4.590	0.232

| Seq Line : 0 | Injection Date : Fri, 16. Nov. 2012 | Location : Vial 1 | Sample Name : ILS-GDR-PVB-CH1B | Inj. No. : 0 | Acq Operator : VARMA | Inj. Vol. : 5 µl

Acq. Method : D:\CHEM32\1\METHODS\C-18 A80B20G.M
Analysis Method : D:\CHEM32\1\METHODS\C-18 A80B20G.M
Method Info : Column:Symmetry C=18 75\*4.6mm, 3.5p

Mobile phase: A) 0.1% HCOOH in water, B) ACN (GRADIENT) T/

B%:0/20,0.5/20,3/98,10/98,10.5/20,12/20 Flow:1.0 ml/min Diluent: ACN:Water(80:20)



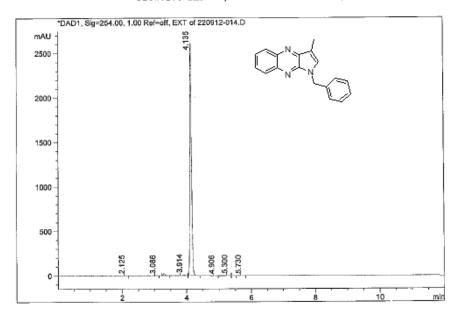
Signal 1: DAD1, Sig=275.00, 5.00 Ref=off, EXT

Peak	c) R	T T	Area	A	rea %	. 1	
) #	[m	nin]		1		Ī	
	-			-1		~ I ⊷	
1	L	4.361	11.33	5	0.17	91	•
2	31	5.276	6323.53	3	99.82	1	

Analysis Method : D:\CHEM32\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 (Isocratic )

T/B%0/50,1/50,3/98,10/98,10.5/50,12/50 Flow:1.0 ml/min, Diluent: ACN:WATER(80:20)

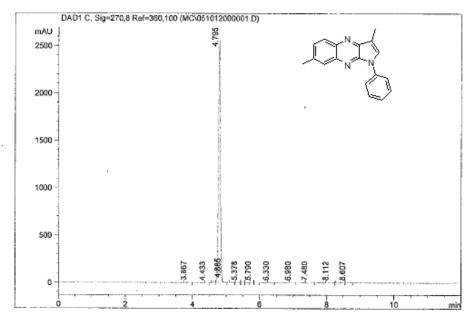


Signal 1: DAD1, Sig=254.00, 1.00 Ref=off, EXT

, -	eak  #I	RT [min]		I	Area %
1				- [ -	
1	11	2.125	1.026	5	0.010
1	2 j	3.086	1.020	10	0.010
1	3	3.303	92.213	3	0.942
1	4	3.914	44.20	1 ]	0.451
1	5	4.135	9639.99	61	98.447
1	61	4.906	1.030	0.1	0.0111

Analysis Method : D:\CHEM32\1\METHODS\C-18 A50B50-GM.M Method Info : Column : Symmetry C-18 75\*4.6mm 3.5µm

Mobile phase: A)0.1% HCCOH in water , B) ACN T/B%0/50,1/50,3/98,10/98,10.5/50,12/50 Flow:1.0 ml/min, Diluent: ACN:WATER(80:20)

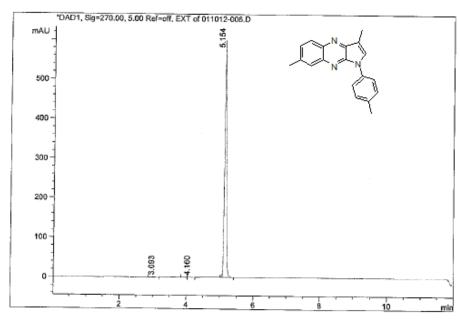


Signal 1: DAD1 C, Sig-270,8 Ref=360,100

Pea	k	RT	Area	Area % [
#	ı	[ml.11]	I	į.
	-			[
	1	3.867	2.896	0.027
	2	4.433	0.469	0.004
	3	4.617	18.977	0.174
	4	4.795	10806.105	98.954
	5	4.885	40.885	0.374
	6	5.160	5.542	0.051
	7	5.378	1.541	0.014
	8 }	5.512	3.021	0.028
	9	5.557	1.342	0.012
1	0	5.790	0.293	0.003
] 1	1	5.881	0.525	0.005
1	2	6.330	0.882	0.008

Analysis Method : D:\CHEM32\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 T/B%0/50,1/50,3/98,10/98,10.5/50,12/50 Flow:1.0 ml/min, Diluent: ACN:WATER(80:20)



Signal 1: DAD1, Sig=270.00, 5.00 Ref=off, EXT

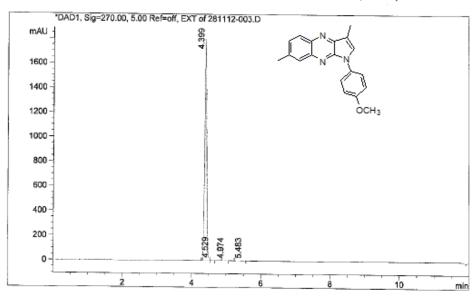
Peak    #	RT   [min]	Area	Area % /
	j-		!
1 1	3.093	1.541	0.064
1 21	3.961	1.340;	0.056
3	4.160	1.043	0.0441
] 4	5.154	2387.961	99.836

| Seq Line : 3 | Injection Date : Wed, 28. Nov. 2012 | Location : Vial 3 | Sample Name : ILS-PVB-MO-AN-1B | Inj. No. : 1 | Acq Operator : VARMA | Inj. Vol. : 5 µl | Acq. Method : D:\Chem32\1\DATA\SEQUENCE\2811112-MC 2012-11-28 | 18-3->

Analysis Method : D:\CHEM32\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%:0/50,0.5/50,3/95,10/95,10.5/50,12/50 Flow: 1.0 ml/min, Diluent: ACN:Water(90:10)

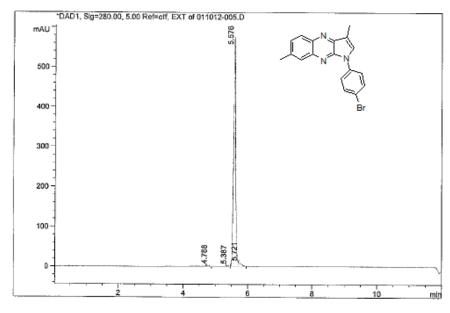


Signal 1: DAD1, Sig=270.00, 5.00 Ref=off, EXT

Pe	ak∣	RT	Area	Area %
1 1	#	[min]	- 1	- 1
!	1	4.399	7025.646	99.8271
1	2	4.529	7.9111	0.112
1	3]	4.974	1.897	0.027
J	4	5.483	2.356	0.033

Seq Line Injection Date : Mon, 1. Oct. 2012 Location Vial 55 Sample Name : ILS-PVB-BR-AN-1B Inj. No. 1 Acq Operator Inj. Vol. Acq. Method : D:\Chem32\1\DATA\011012-MC 2012-10-01 12-18-03\C-18 -> Analysis Method: D:\CHEM32\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

Mobile phase: A)0.1% HCOOH in water , B) AC T/B%0/50,1/50,3/98,10/98,10.5/50,12/50 Flow:1.0 ml/min, Diluent: ACN:WATER(80:20)

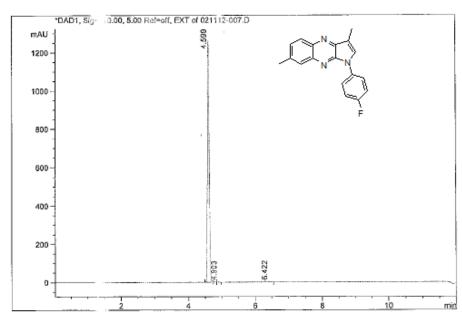


Signal 1: DAD1, Sig=280.00, 5.00 Ref=off, EXT

11	Peak!	RT		Area	- 1	Area	ક	I	
i	# 1	[min]	-		- 1			Ì	
1.	-		-1-	<del></del> -				١	
1	1	4.78	8	6.12	861	0.2	233	ij	
-	21	5.38	71	1.79	921	0.0	)68	ij.	
1	3	5.57	б	2579.33	188	98.0	73	1	
ì	41	5.72	11	42.75	2	1.6	526	ï	

Analysis Method : D:\CHEM32\1\METHOD\$\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 T/B%0/50,0.5/50,3/98,10/98,10.5/50,12/50 Flow:1.0 ml/min, Diluent: ACN:Water(90:10)



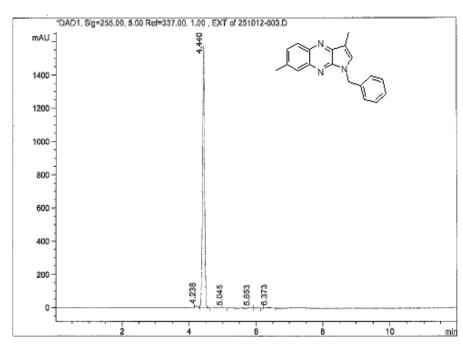
Signal 1: Dr.D1, Sig=270.00, 5.00 Ref=off, EXT

Pe	ak!	RT	-	Area		Area	ş	1
1 4	1	[min]	-		- 1			
1			-1-		- -			-
1	1	4.13	91	4672.97	0.1	99.8	525	1
1	2	4.13	41	10.98	1	0.2	234	1
1	3	4.00	31	1.87	01	0.0	040	1
1	4	6.42	2	4.73	9	0.1	.03	I

| Seq Line : 3 | Injection Date : Thu, 25. Oct. 2012 | Location : Vial 5 | Sample Name : TLS-PVB-B-AN-1B | Inj. No. : 1 | Acq Operator : VARMA | Inj. Vol. : 5 µl | Acq. Method : D:\Chem32\1\DATA\251012-MC 2012-10-25 15-40-35\C-18 ->

Analysis Method : D:\CHEM32\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 T/B%0/50,1/50,3/98,10/98,10.5/50,12/50 Flow:1.0 ml/min, Diluent: ACN:Water(90:10)



Signal 1: DAD1, Sig=255.00, 5.00 Ref=337.00, 1.00 , EXT

	eak  #	RT [min]		Area	1	Area	ક   
-	-		-1-		-1		
1	1	4.238	3	43.81	9	0.6	52B
1	2	4.440	) I	6887.67	71	98.1	742
1	31	5.049	5	4.59	31	0.0	0661
1	41	5.853	3	7.55	71	0.3	1081
1	51	6.002	21	11.08	61	0.1	159
]	61	6.373	3	20.69	31	0.2	297
]	61	6.373	3	20.69	31	0.2	297