

Fig. 1A

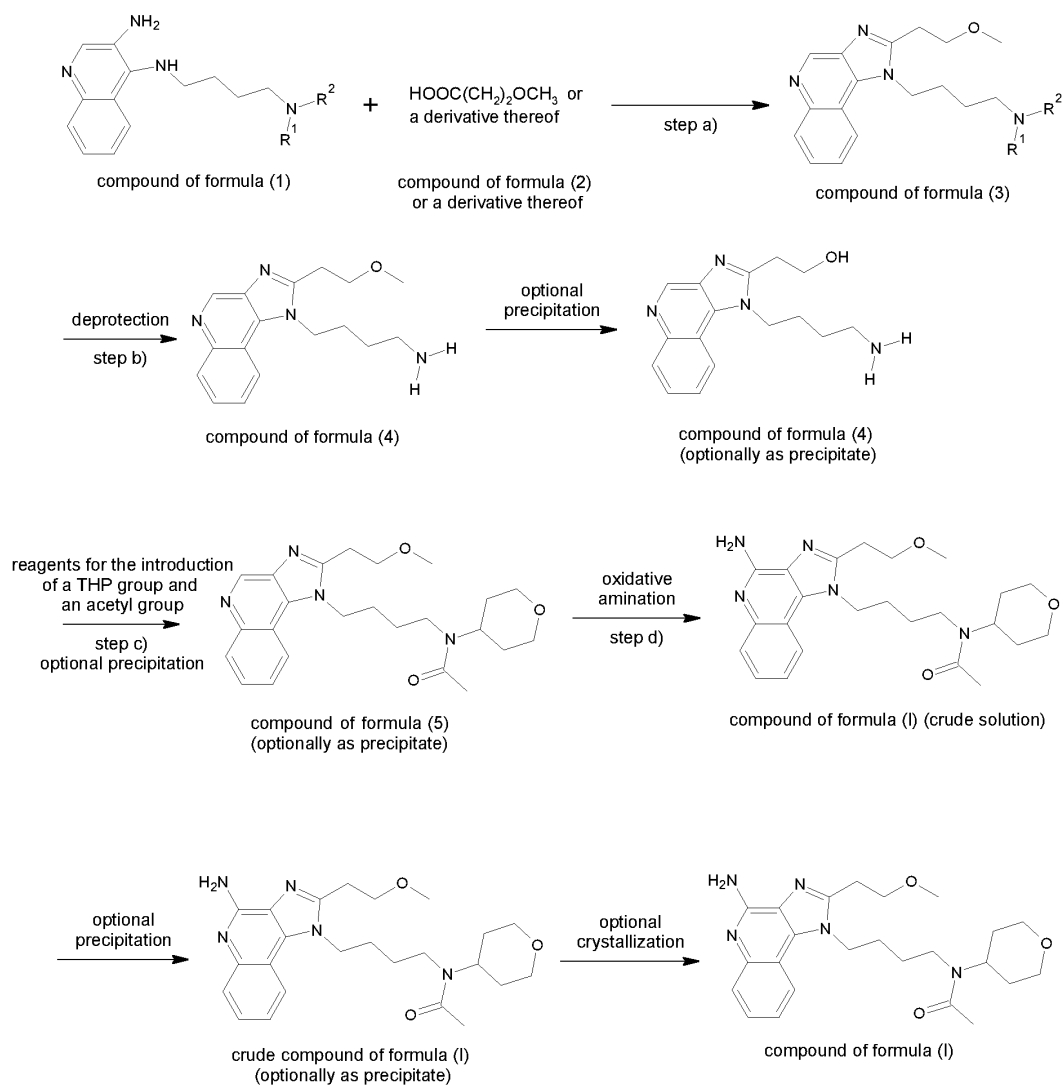


Fig. 1B

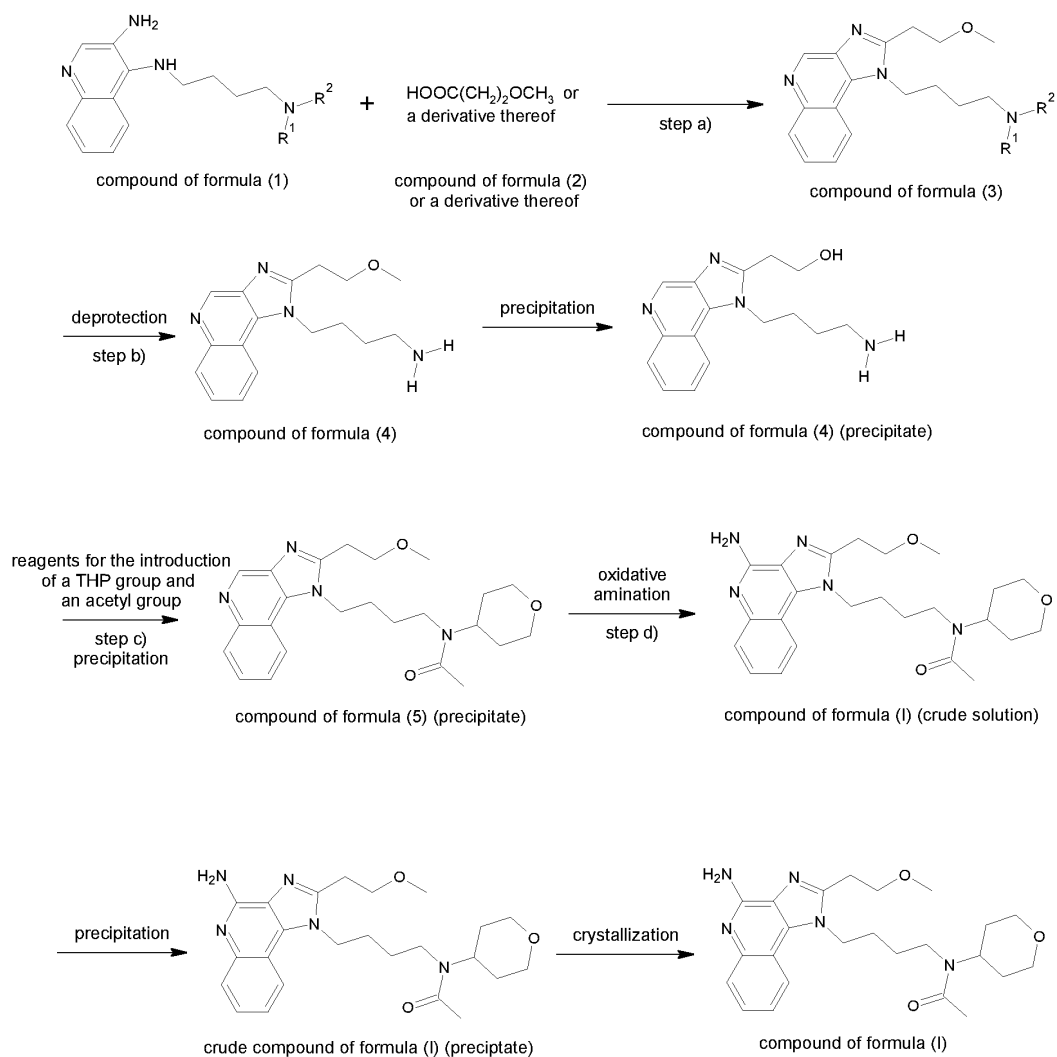


Fig. 1C

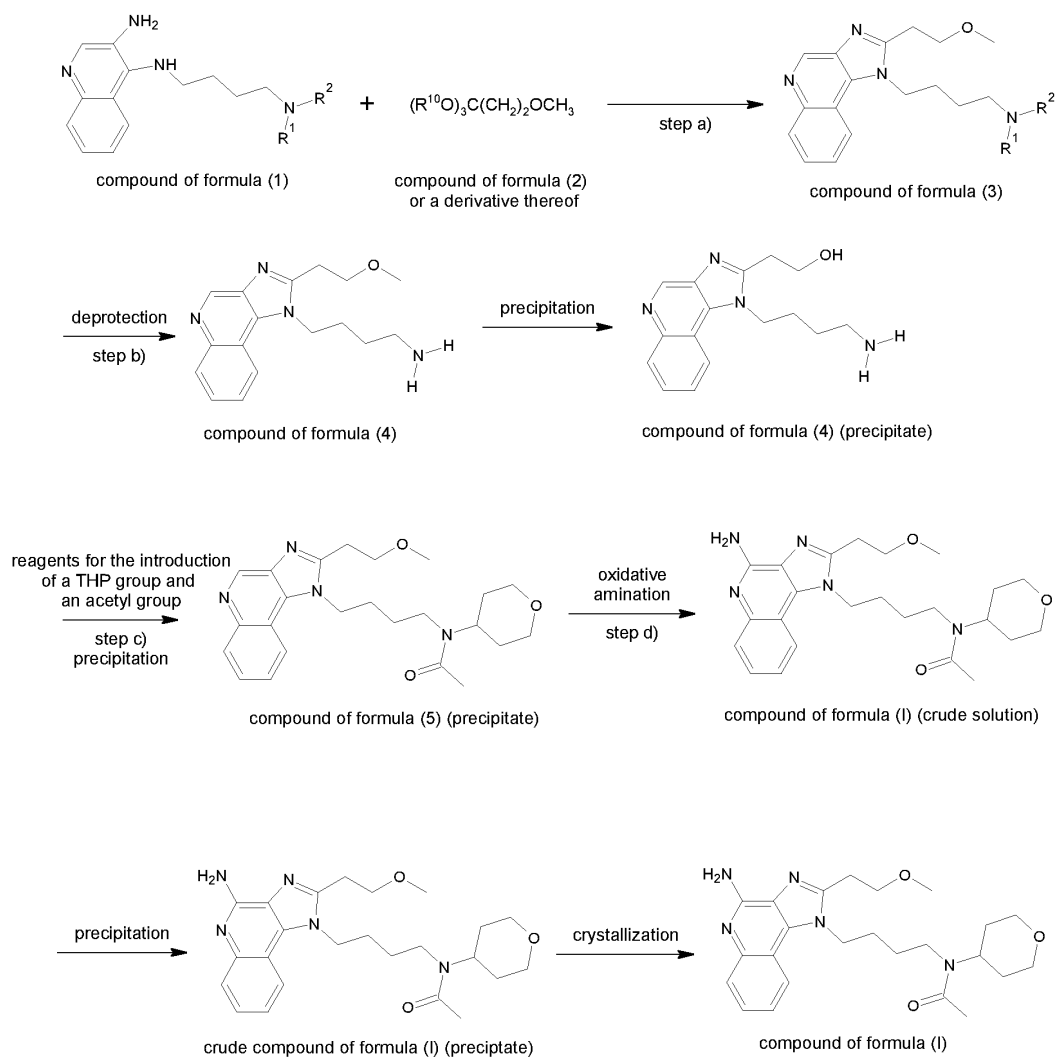


Fig. 1D

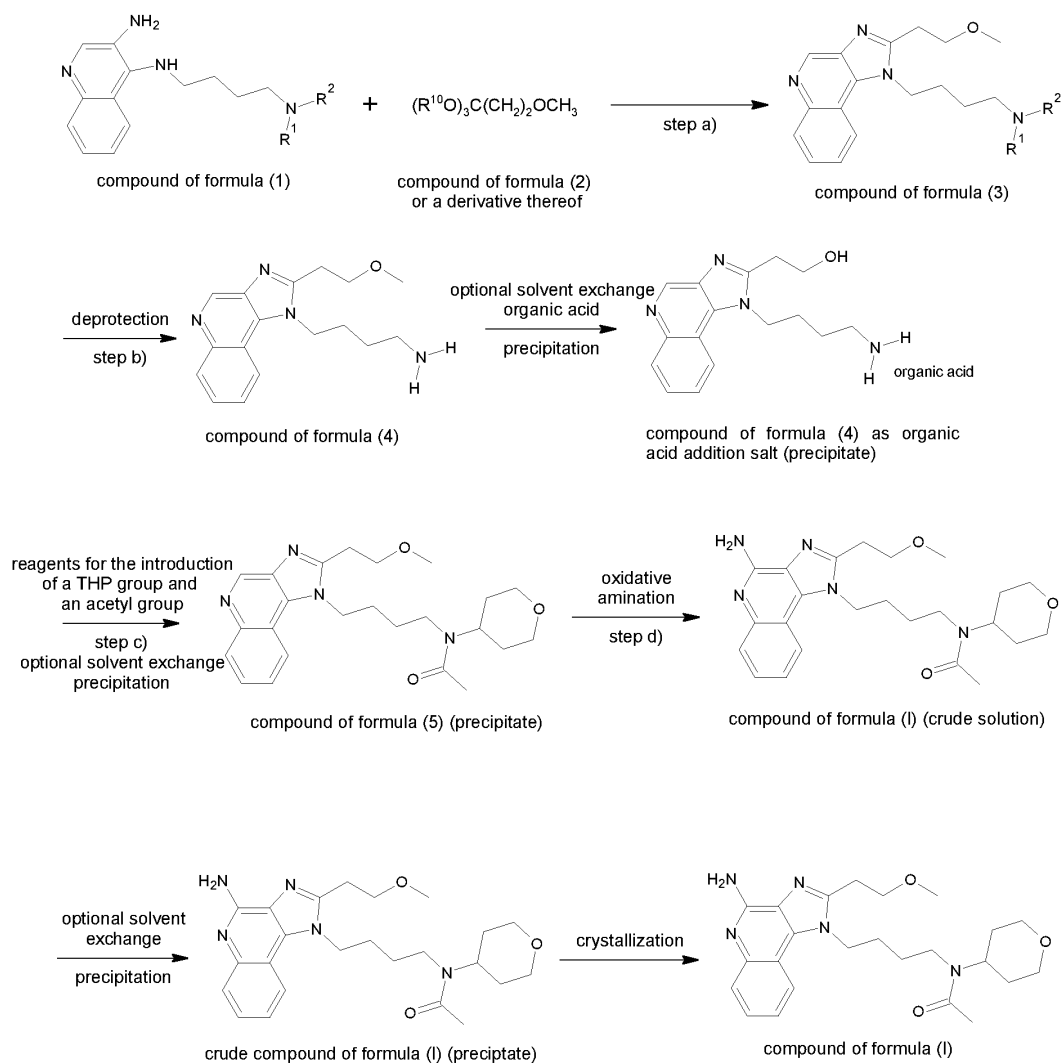


Fig. 1E

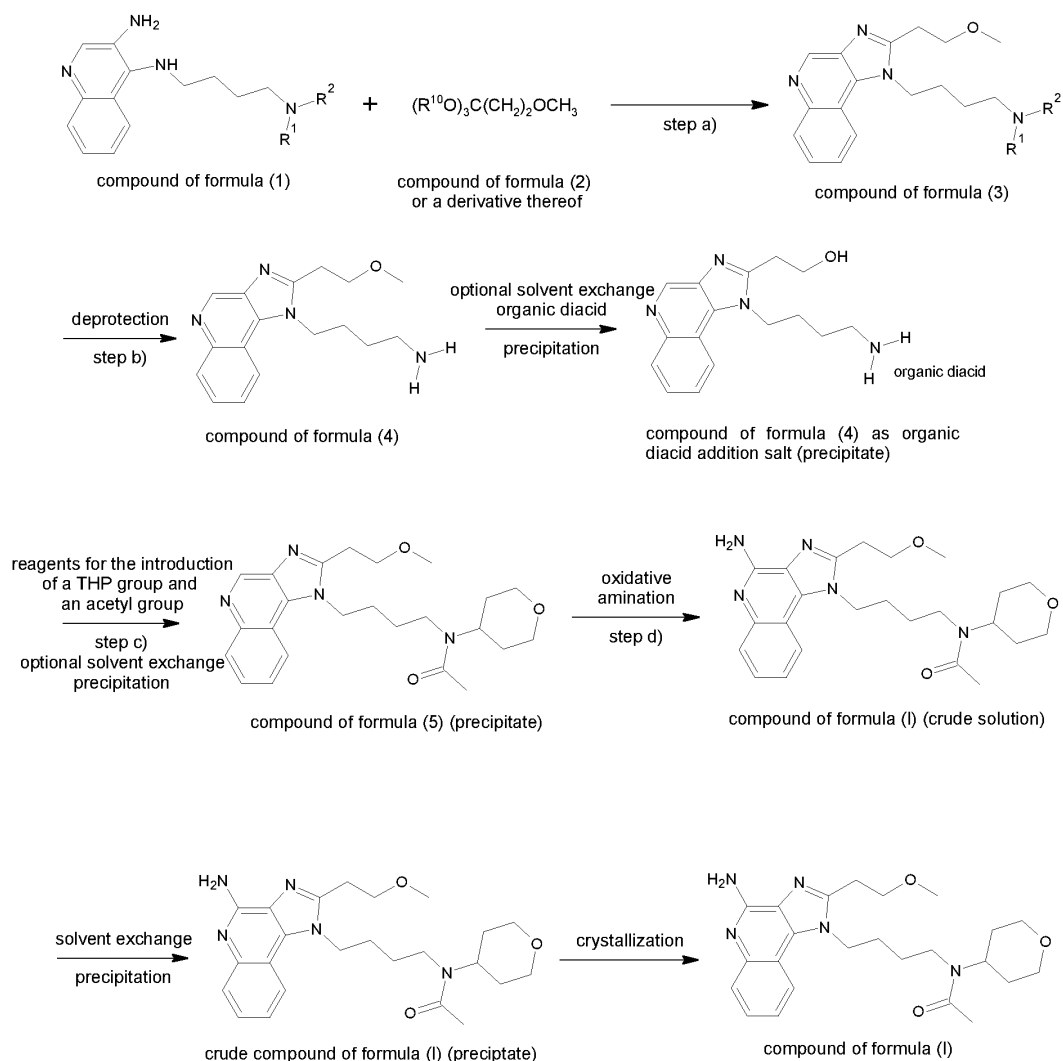


Fig. 1F

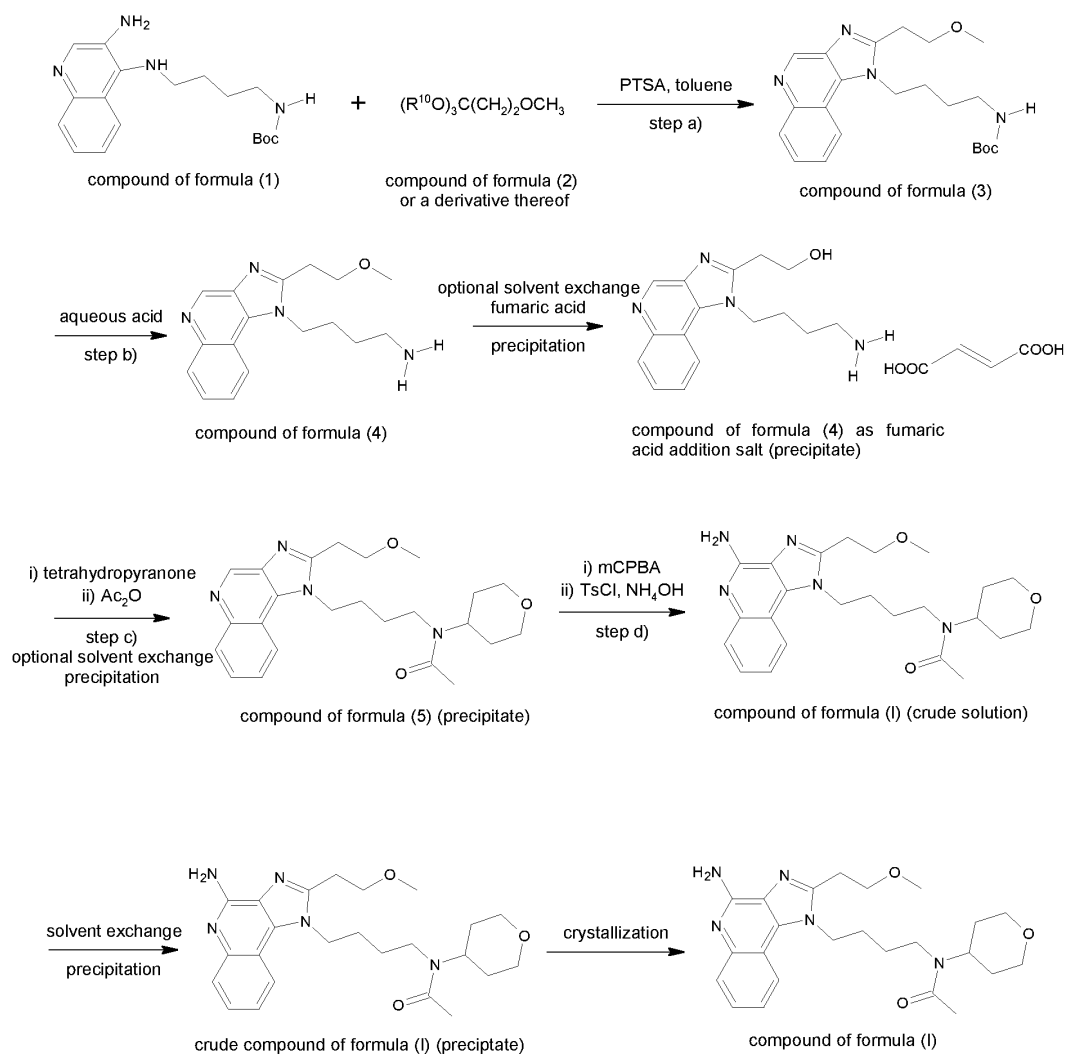


Fig. 1G

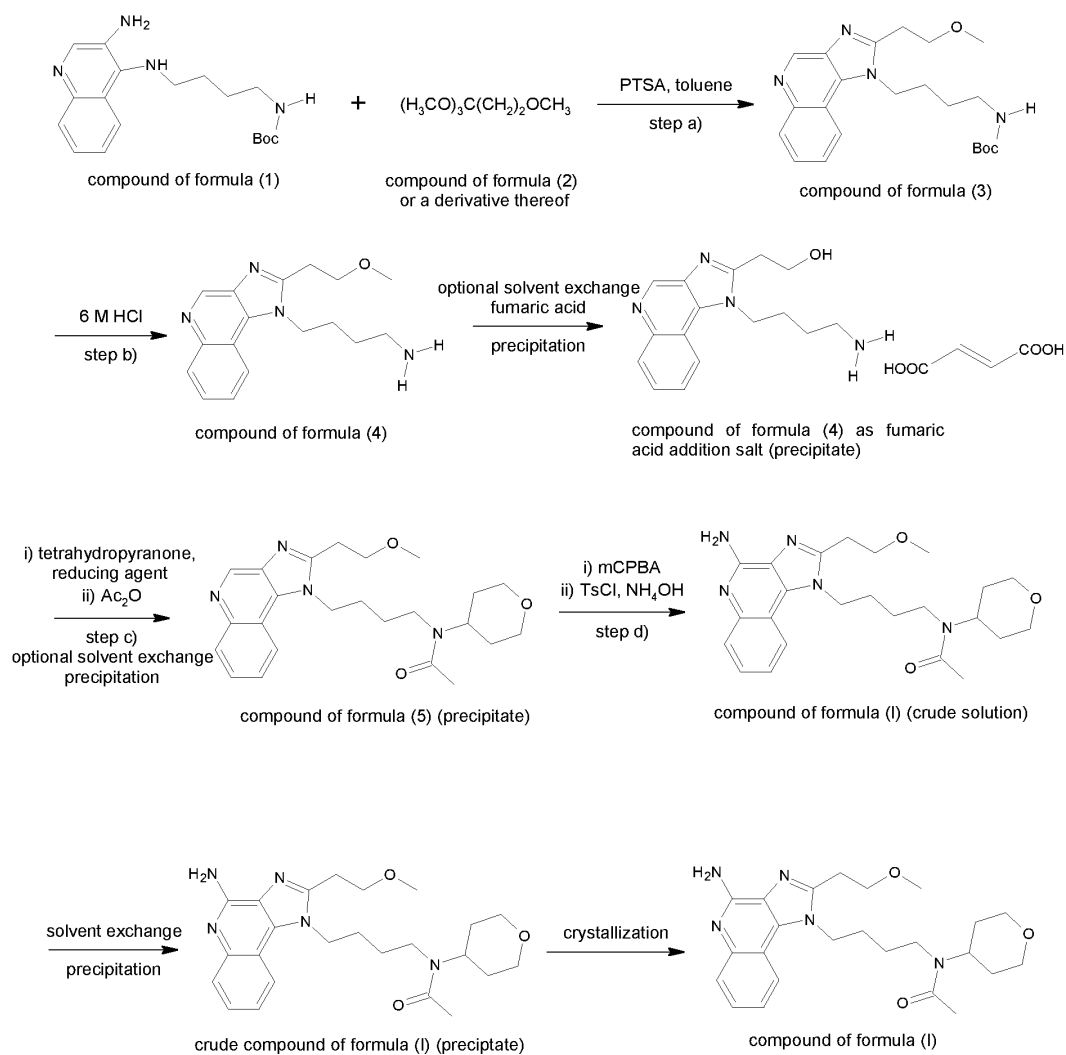


Fig. 1H

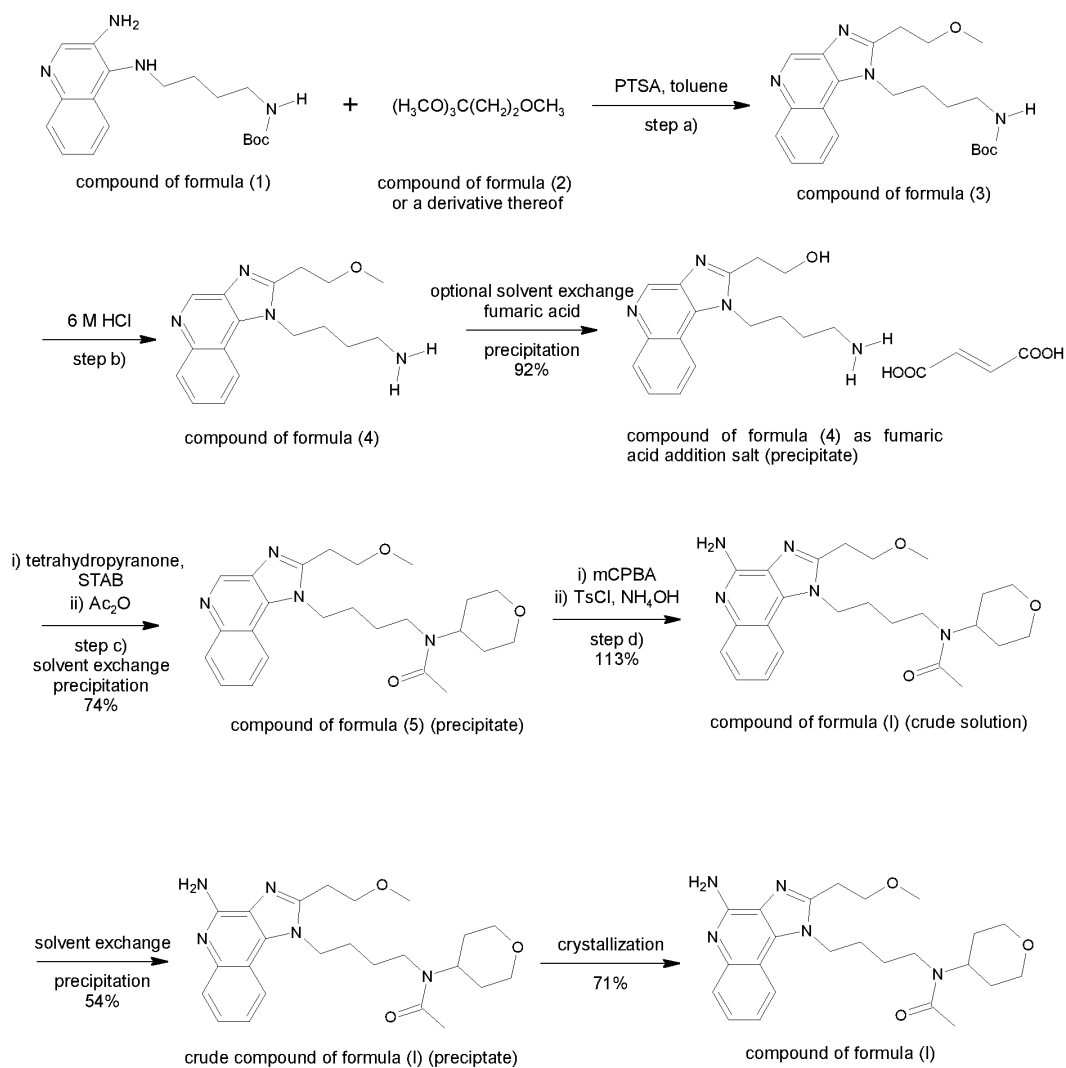


Fig. 2A

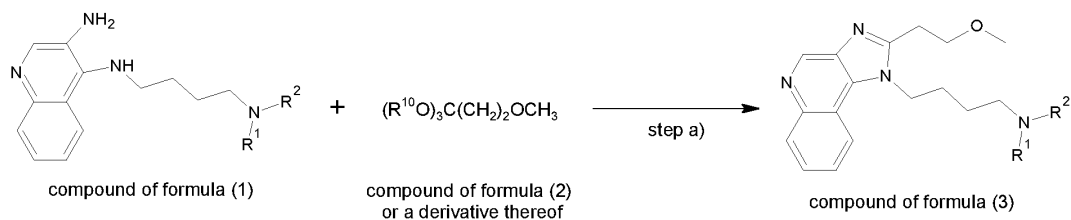


Fig. 2B

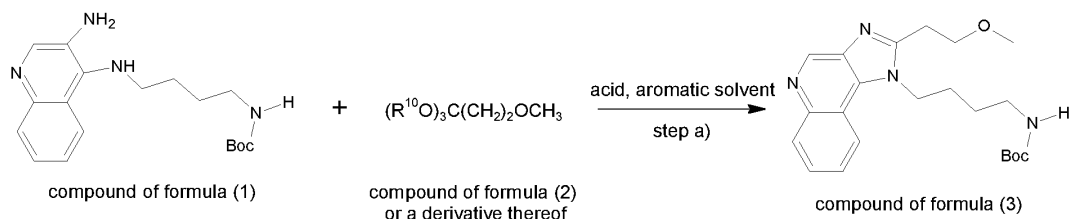


Fig. 2C

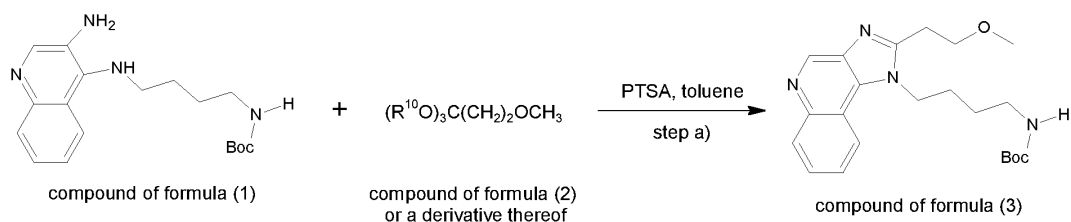


Fig. 2D

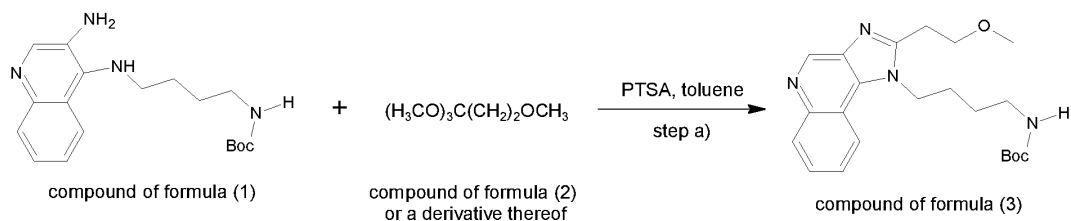


Fig. 3A

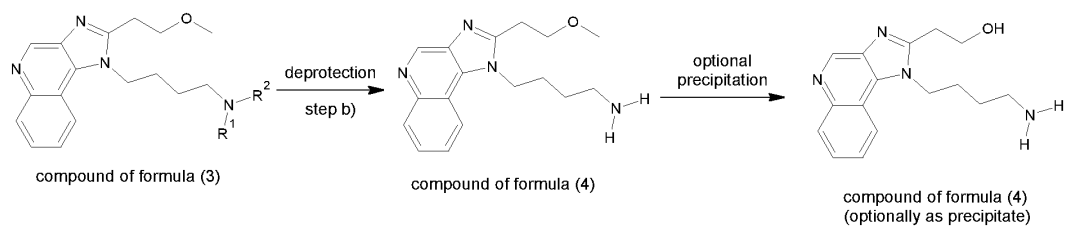


Fig. 3B

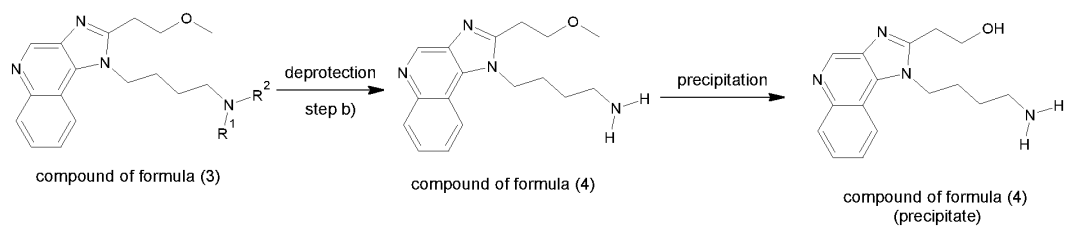


Fig. 3C

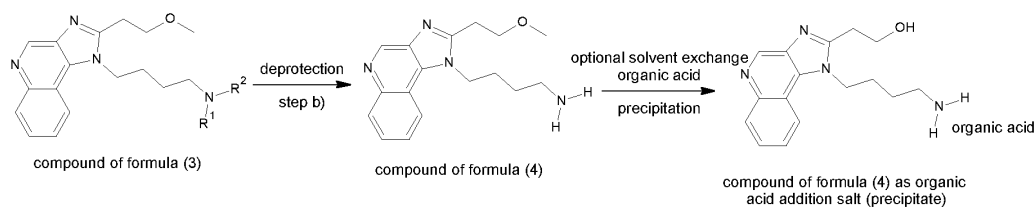


Fig. 3D

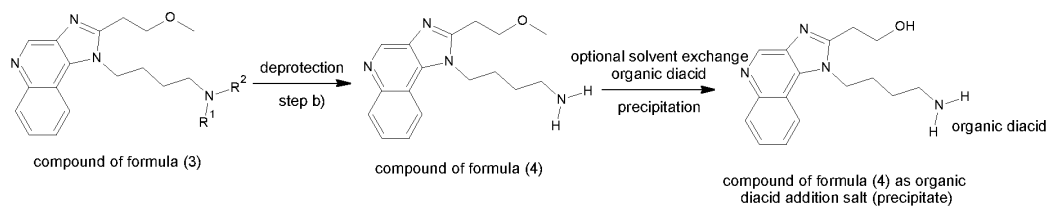


Fig. 3E

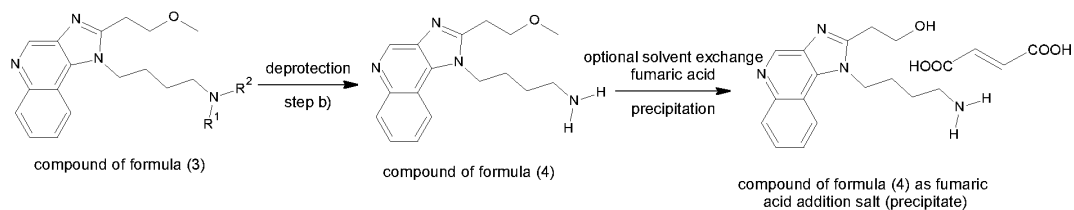


Fig. 3F

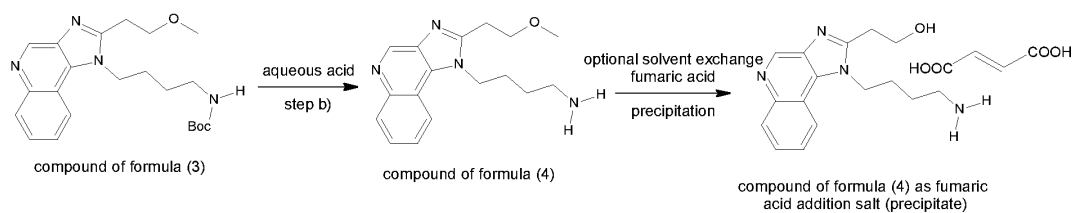


Fig. 3G

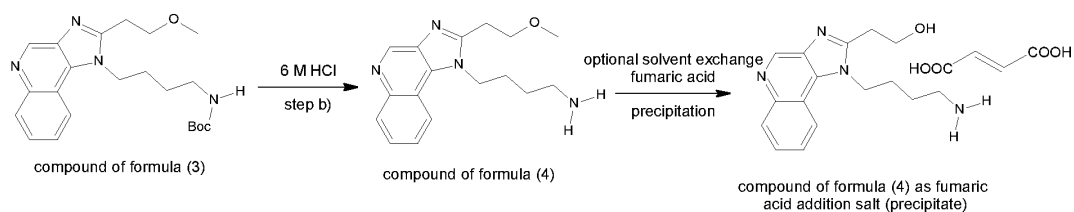


Fig. 4A

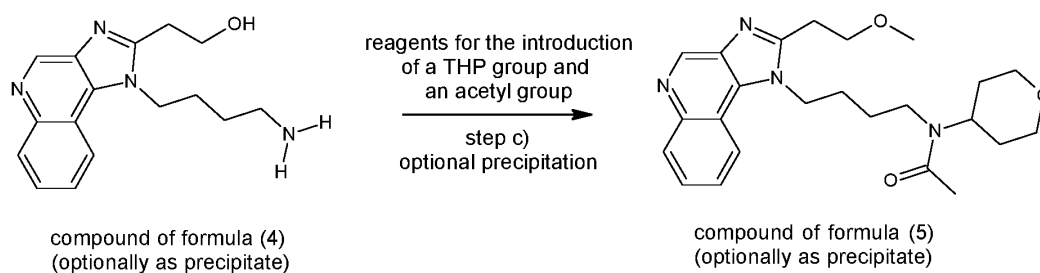


Fig. 4B

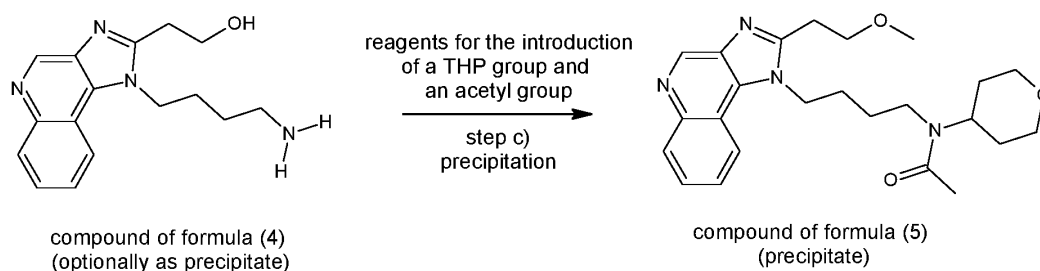
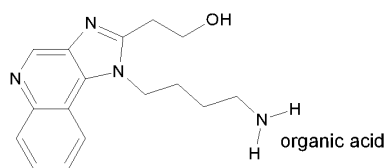


Fig. 4C



compound of formula (4) as organic acid addition salt (precipitate)

reagents for the introduction
of a THP group and
an acetyl group
→
step c)
precipitation

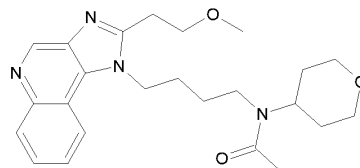
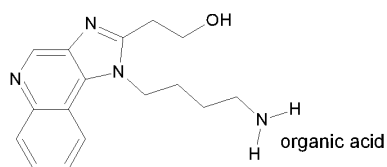
compound of formula (5)
(precipitate)

Fig. 4D



compound of formula (4) as organic acid addition salt (precipitate)

base, solvent
reagents for the introduction
of a THP group and
an acetyl group
→
step c)
precipitation

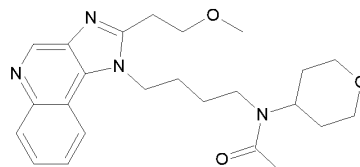
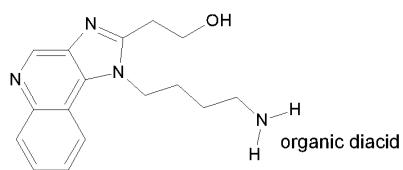
compound of formula (5)
(precipitate)

Fig. 4E



compound of formula (4) as organic diacid addition salt (precipitate)

base, solvent
reagents for the introduction
of a THP group and
an acetyl group
→
step c)
precipitation

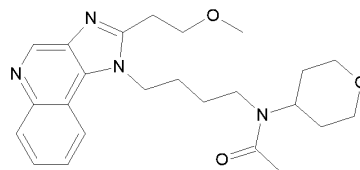
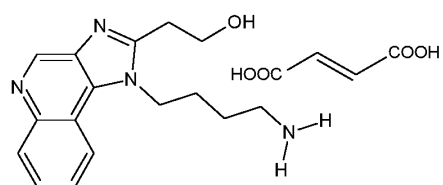
compound of formula (5)
(precipitate)

Fig. 4F



compound of formula (4) as fumaric acid addition salt (precipitate)

base, solvent
reagents for the introduction
of a THP group and
an acetyl group
→
step c)
precipitation

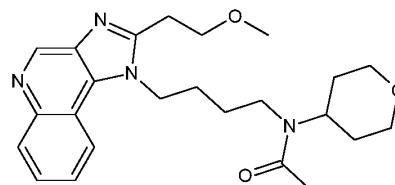
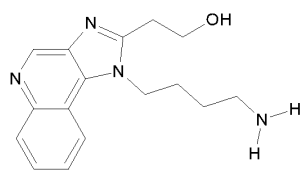
compound of formula (5)
(precipitate)

Fig. 4G



compound of formula (4) as fumaric acid addition salt (precipitate)

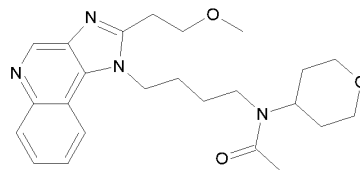
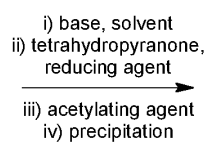
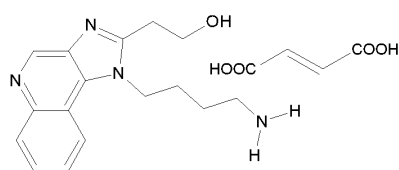
compound of formula (5)
(precipitate)

Fig. 4H



compound of formula (4) as fumaric acid addition salt (precipitate)

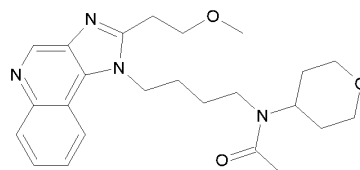
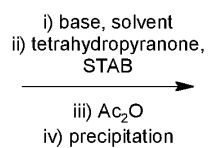
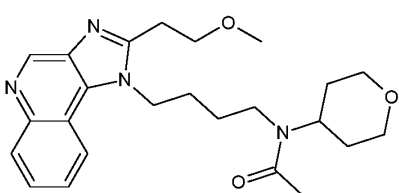
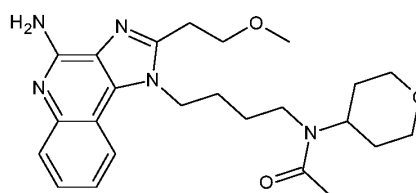
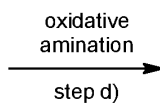
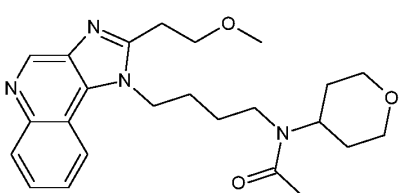
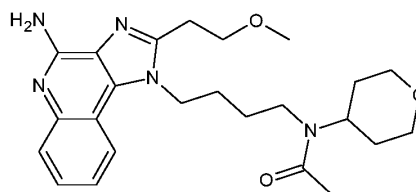
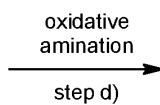
compound of formula (5)
(precipitate)

Fig. 5A

compound of formula (5)
(optionally as precipitate)

compound of formula (I) (crude solution)

Fig. 5B

compound of formula (5)
(precipitate)

compound of formula (I) (crude solution)

Fig. 5C

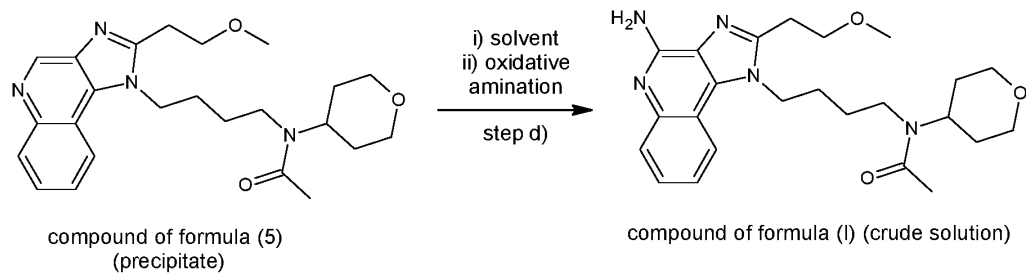


Fig. 5D

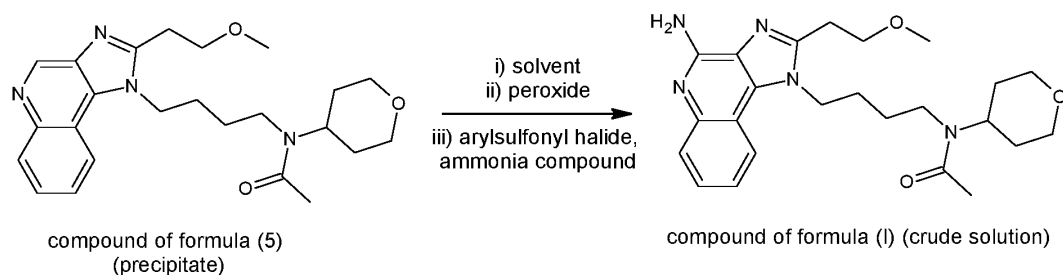


Fig. 5E

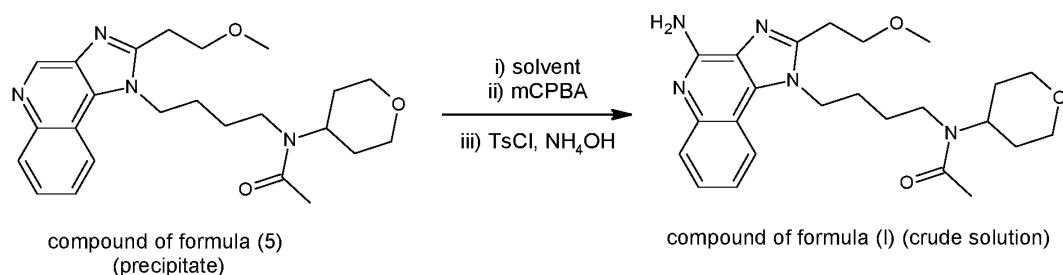


Fig. 6A

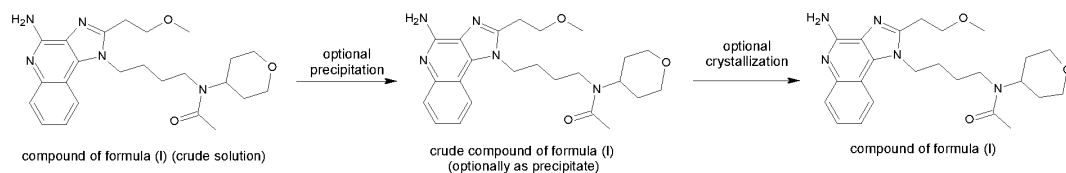


Fig. 6B

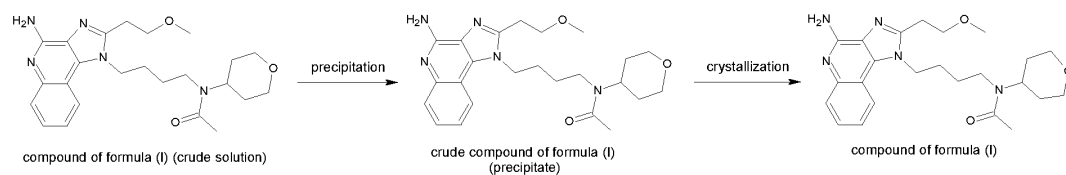


Fig. 6C

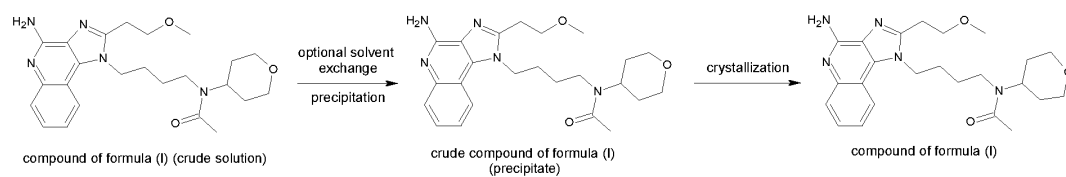


Fig. 6D

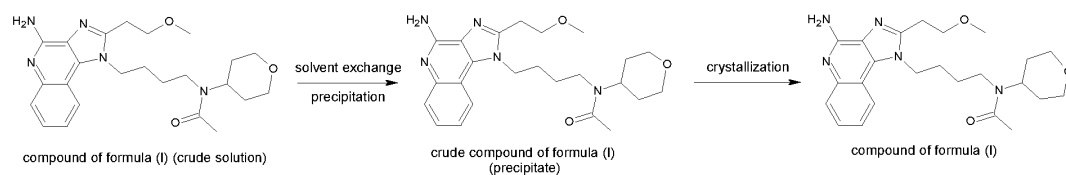


Fig. 9

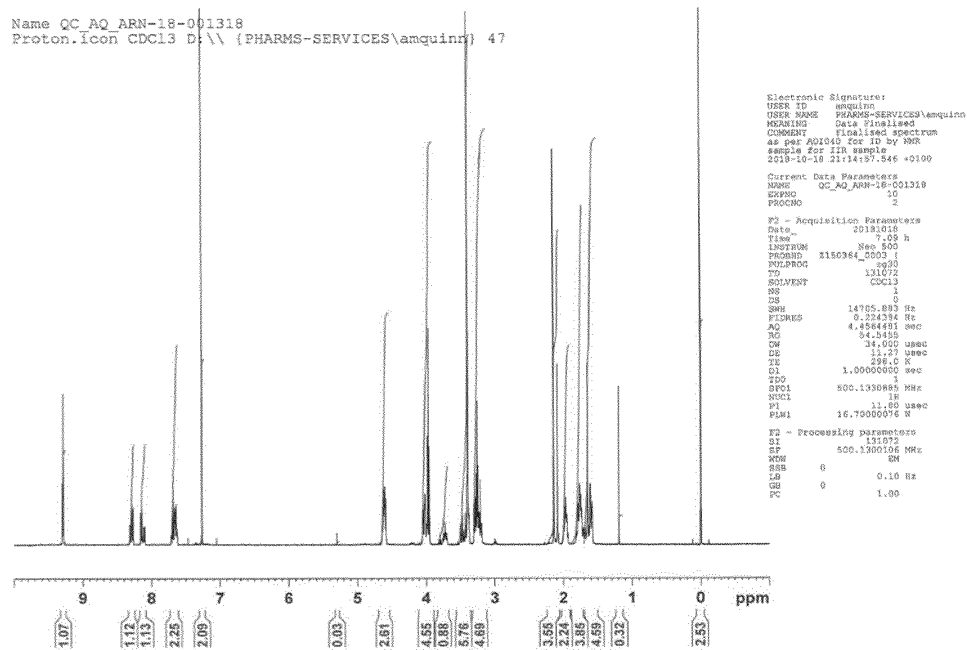
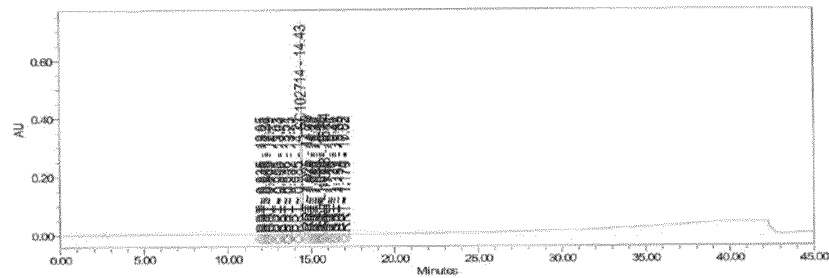


Fig. 10

Purity by HPLC



	Name	RT	RRT~	Height	Area	% Area	Int Type
1	RRT~ 0.835	12.064	0.84	126	660	0.02	VV
2	RRT~ 0.846	12.211	0.85	1363	7102	0.19	VV
3	RRT~ 0.855	12.344	0.86	2743	12946	0.34	VV
4	RRT~ 0.865	12.466	0.87	280	1012	0.04	VV
5	RRT~ 0.903	13.003	0.90	340	1948	0.05	W
6	RRT~ 0.910	13.138	0.91	571	3320	0.09	VB
7	RRT~ 0.936	13.506	0.94	142	1004	0.03	VV
8	RRT~ 0.962	13.746	0.95	264	1697	0.05	VB
9	RRT~ 0.985	14.213	0.98	115	756	0.02	VV
10	GC102/14	14.434		735404	3548101	94.88	VV
11	RRT~ 1.025	14.793	1.02	6411	44745	1.20	VV
12	RRT~ 1.030	14.983	1.04	922	6882	0.18	W
13	RRT~ 1.048	15.130	1.05	645	5730	0.15	W
14	RRT~ 1.060	15.297	1.06	504	2946	0.08	VV
15	RRT~ 1.072	15.474	1.07	461	3363	0.09	VV
16	RRT~ 1.080	15.592	1.08	426	2475	0.07	VV
17	RRT~ 1.088	15.704	1.09	627	3003	0.08	VV
18	RRT~ 1.090	15.942	1.10	12590	70577	1.89	VV
19	RRT~ 1.116	16.108	1.12	241	1947	0.05	VV
20	RRT~ 1.126	16.257	1.13	326	2275	0.06	VV
21	RRT~ 1.137	16.406	1.14	153	990	0.03	VV
22	RRT~ 1.154	16.657	1.15	2090	13423	0.36	VV
23	RRT~ 1.174	16.951	1.17	140	1285	0.03	VV

Fig. 11

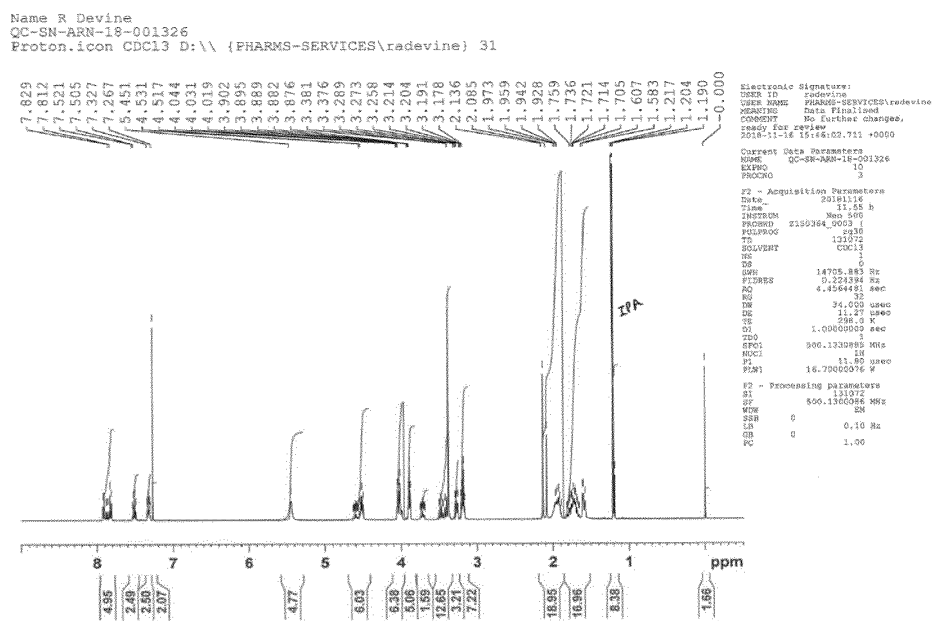
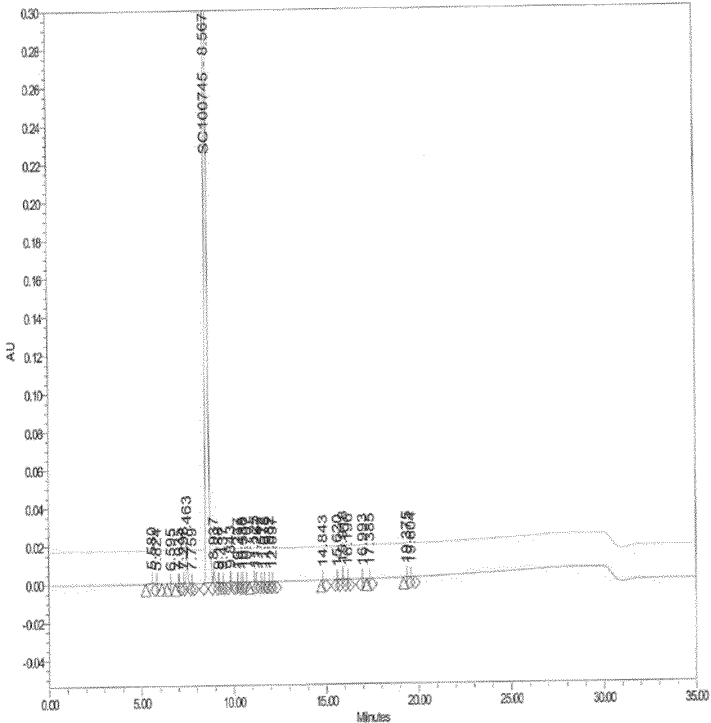


Fig. 12

Purity by HPLC



SampleName		Result Id			
1	ARN-18-001328 P1	2710			
Peak Results					
	Name	RT	Area	RRT~	% Area
1		5.580	12904		0.19
2		5.824	5129		0.08
3		6.585	3448		0.05
4		7.035	3307		0.05
5		7.298	5451		0.08
6		7.483	115508		1.72
7		7.759	1957		0.03
8	SC100745	8.567	6454218		96.18
9		8.937	43901		0.65
10		9.186	3825		0.06
11		9.437	2603		0.04
12		9.843	7741		0.12
13		10.237	1564		0.02
14		10.438	1142		0.02
15		10.530	2832		0.04
16		10.707	1607		0.02
17		11.125	6172		0.09
18		11.267	2360		0.04
19		11.512	1797		0.03
20		11.678	1376		0.02
21		11.932	1578		0.02
22		12.097	1251		0.02
23		14.843	1853		0.03
24		15.620	1499		0.02
25		15.918	11845		0.18
26		16.196	3360		0.05
27		16.993	2103		0.03
28		17.385	1906		0.03
29		19.375	4657		0.07
30		19.604	1261		0.02

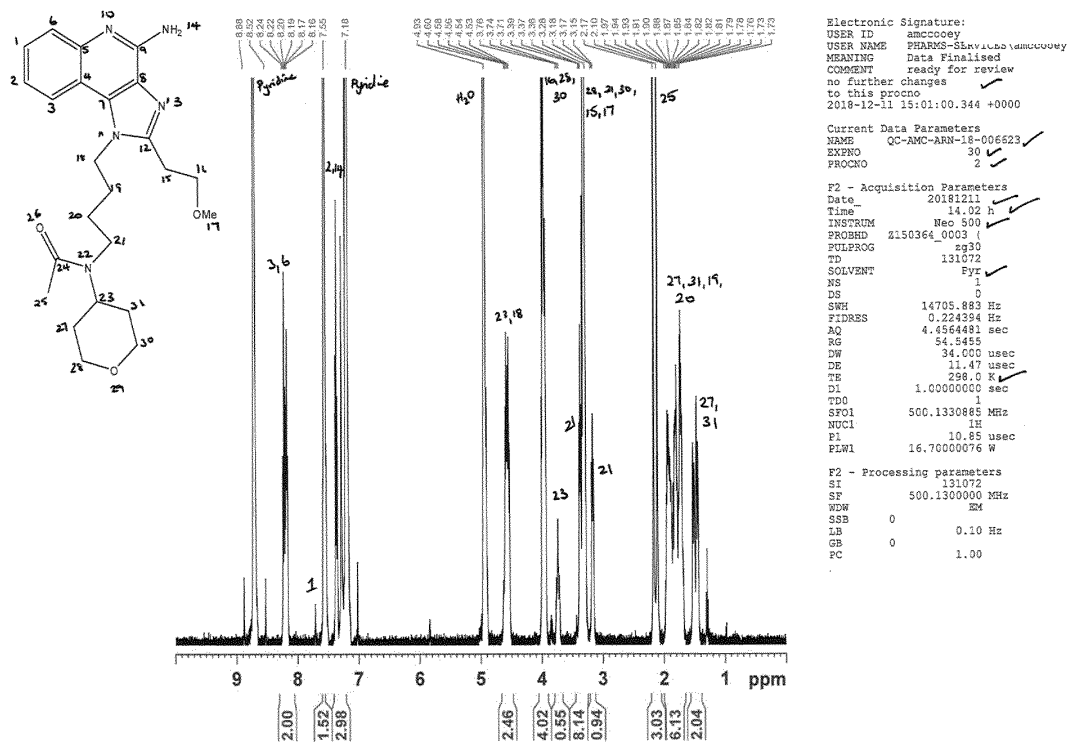
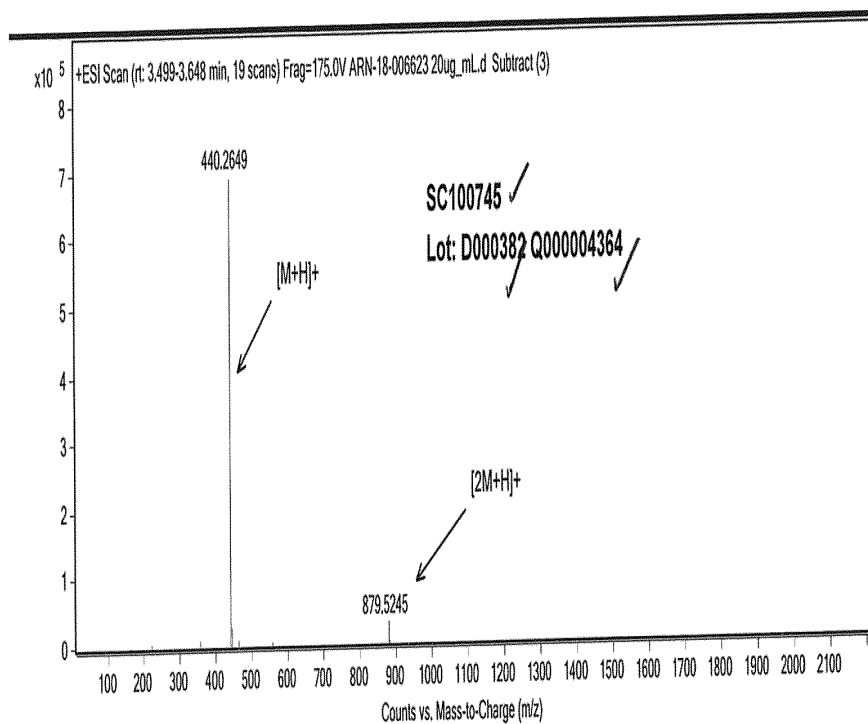


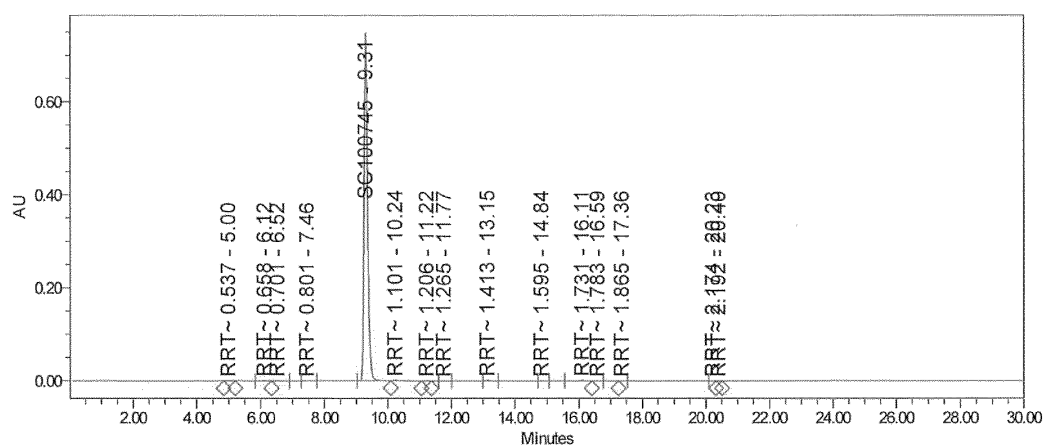
Fig. 14



Peak List

m/z	z	Abund
440.2649	1	693616.44
440.4543		22191.3
441.2683	1	191893.25
442.2714	1	29403
879.5245	1	30547.46
880.5273	1	17050.34

Fig. 15



	Name	RT	RRT~	Height	Area	% Area	Int Type	USP Resolution
1	RRT~ 0.537	4.997	0.54	336	3717	0.06	w	
2	RRT~ 0.658	6.120	0.66	791	7730	0.13	BV	3.982906e+000
3	RRT~ 0.701	6.522	0.70	138	1650	0.03	VB	1.380548e+000
4	RRT~ 0.801	7.455	0.80	280	2897	0.05	BB	3.170908e+000
5	SC100745	9.306		750389	5838234	98.95	BV	7.509430e+000
6	RRT~ 1.101	10.244	1.10	1536	12722	0.22	VV	4.331868e+000
7	RRT~ 1.206	11.225	1.21	255	1702	0.03	VV	4.827050e+000
8	RRT~ 1.265	11.774	1.27	79	897	0.02	BB	2.354868e+000
9	RRT~ 1.413	13.149	1.41	1525	10013	0.17	BB	6.150286e+000
10	RRT~ 1.595	14.843	1.60	394	2312	0.04	BB	1.029940e+001
11	RRT~ 1.731	16.107	1.73	1611	11168	0.19	BV	7.359550e+000
12	RRT~ 1.783	16.594	1.78	355	2234	0.04	VB	2.656963e+000
13	RRT~ 1.865	17.366	1.87	382	2026	0.03	VB	4.487510e+000
14	RRT~ 2.174	20.227	2.17	212	1713	0.03	BV	1.181031e+001
15	RRT~ 2.192	20.400	2.19	227	1463	0.02	VV	6.074948e-001

Fig. 16

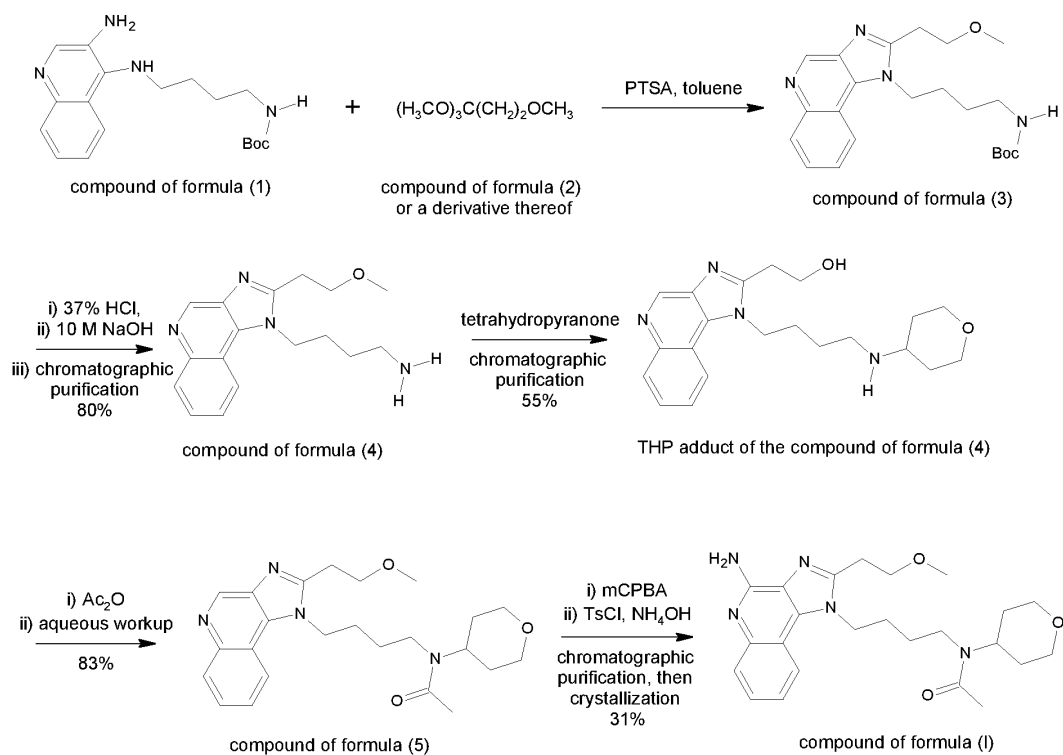


Fig. 17

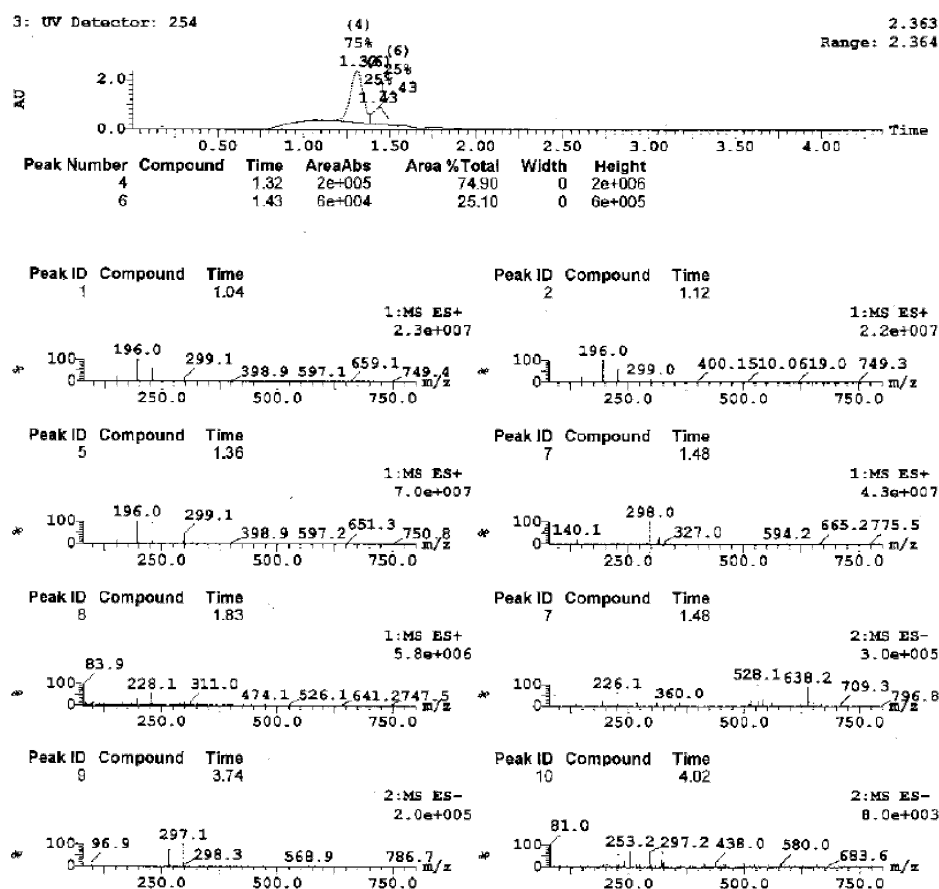


Fig. 18

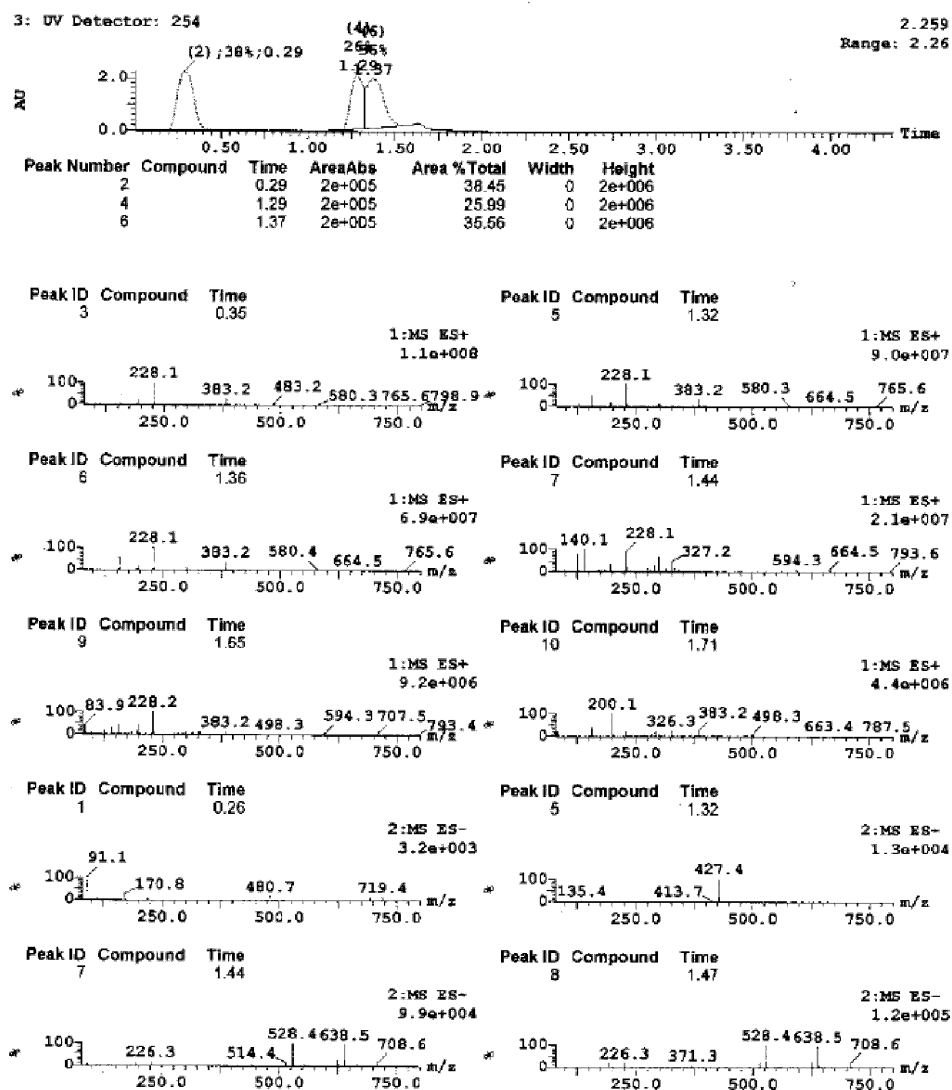


Fig. 19

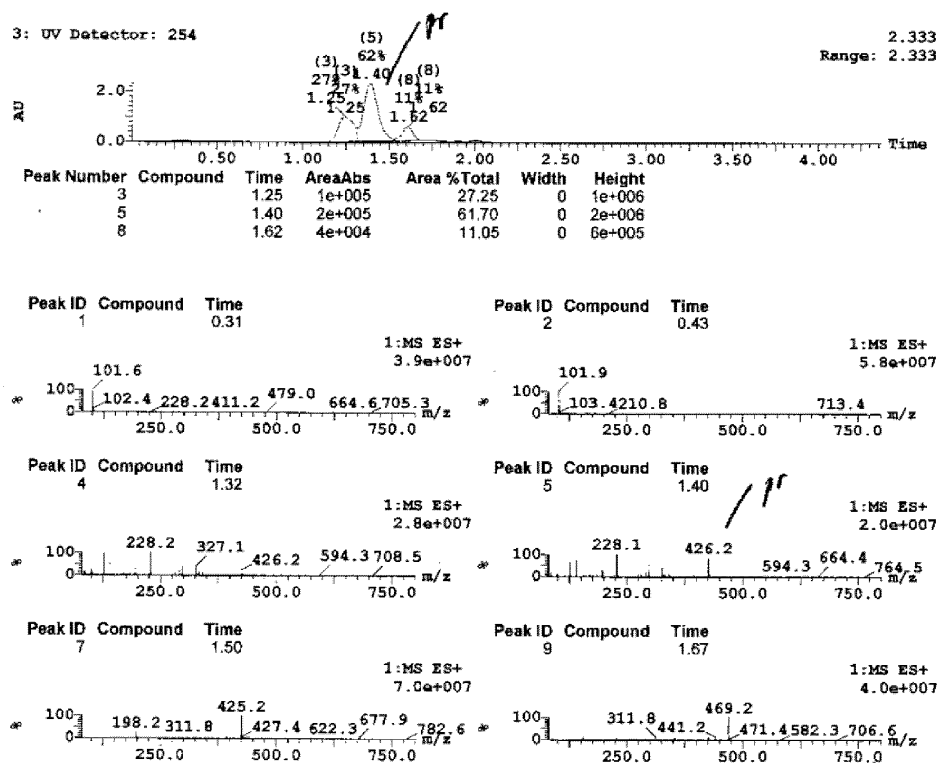
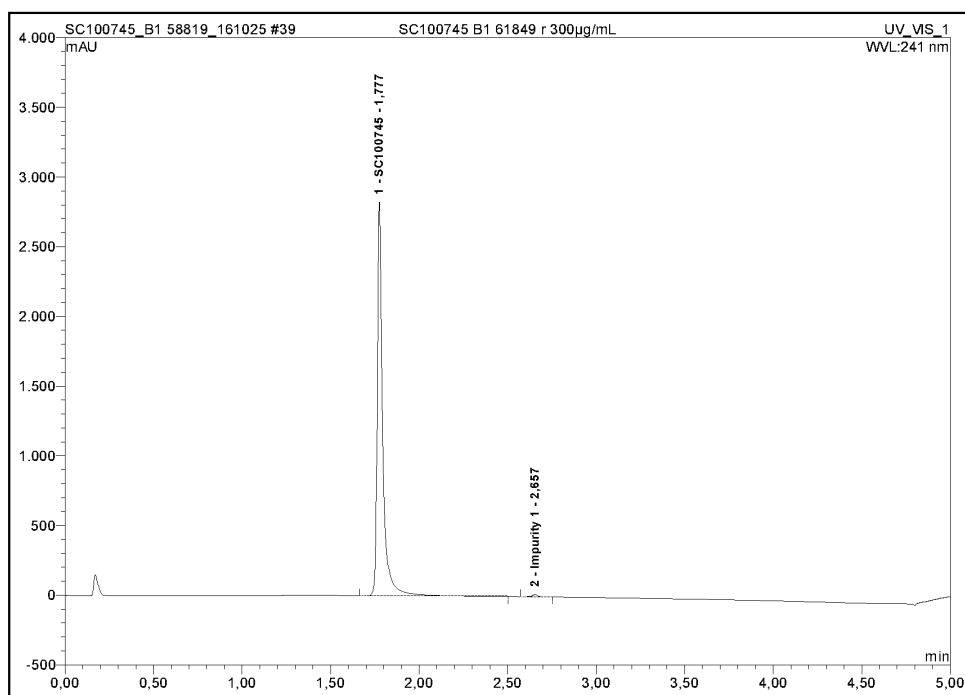


Fig. 20



Sample No.	Sample ID	Sample Name	Ret. Time min	Area mAU*min	Rel. Area %
			SC100745 UV_VIS_1	SC100745 UV_VIS_1	SC100745 UV_VIS_1
37	r	SC100745 B1 61849 r 300µg/mL	1,780	101,4176	99,50
38	r	SC100745 B1 61849 r 300µg/mL	1,773	101,4393	99,50
39	r	SC100745 B1 61849 r 300µg/mL	1,777	101,9547	99,50
40	r	SC100745 B1 61849 r 300µg/mL	1,773	101,0575	99,50
41	r	SC100745 B1 61849 r 300µg/mL	1,777	101,3028	99,50
42	r	SC100745 B1 61849 r 300µg/mL	1,777	101,6082	99,50
43	r	SC100745 B1 61849 r 300µg/mL	1,777	101,2386	99,50
44	r	SC100745 B1 61849 r 300µg/mL	1,777	100,4795	99,50
45	r	SC100745 B1 61849 r 300µg/mL	1,777	100,8316	99,50
Average:			1,776	101,259	99,500
Rel.Std.Dev:			0,113 %	0,427 %	0,003 %