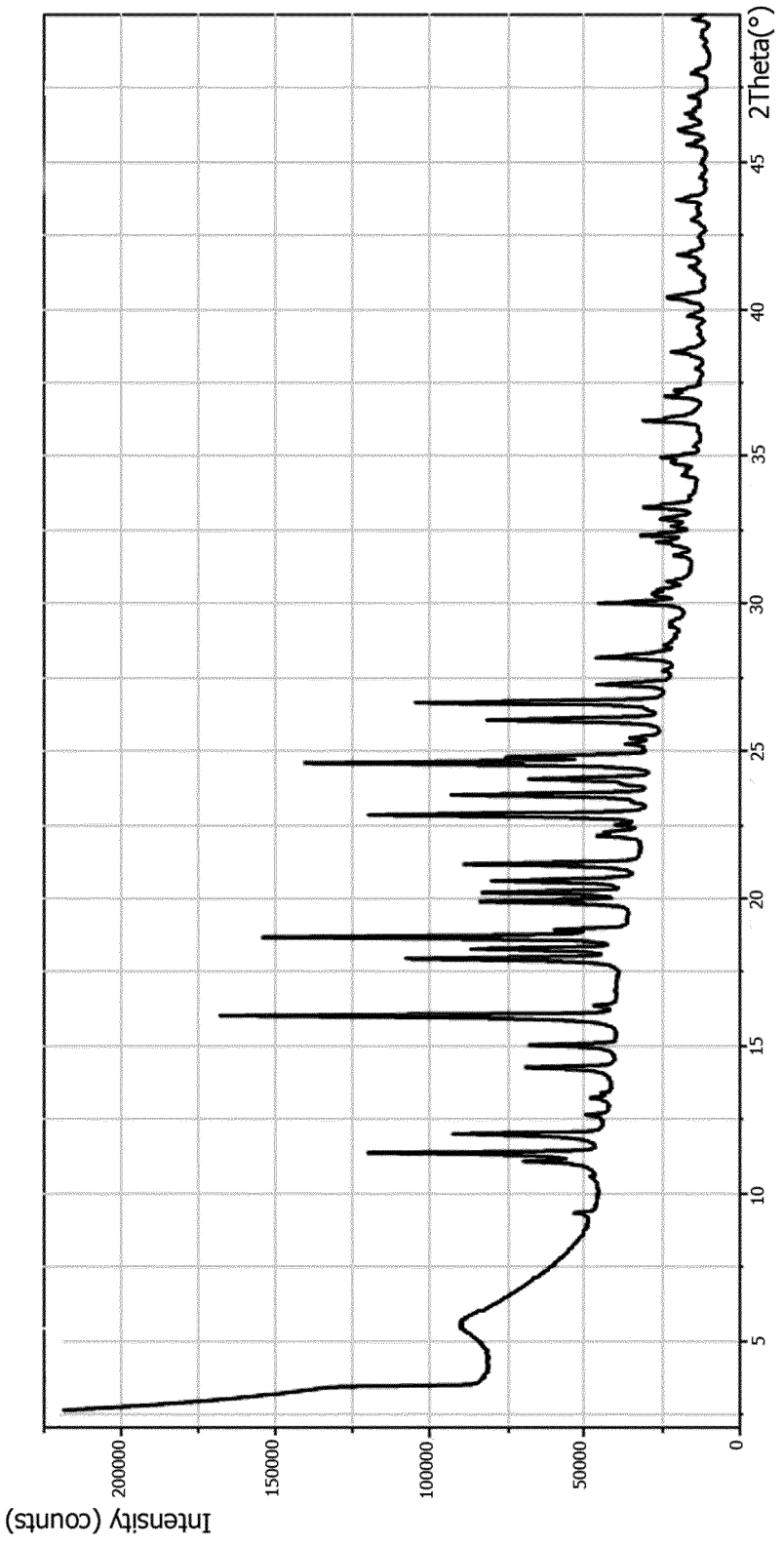

Intensity (counts)
200000
150000
100000
50000
0
5
10
15
20
25
30
35
40
45
2Theta(°)

Fig.1

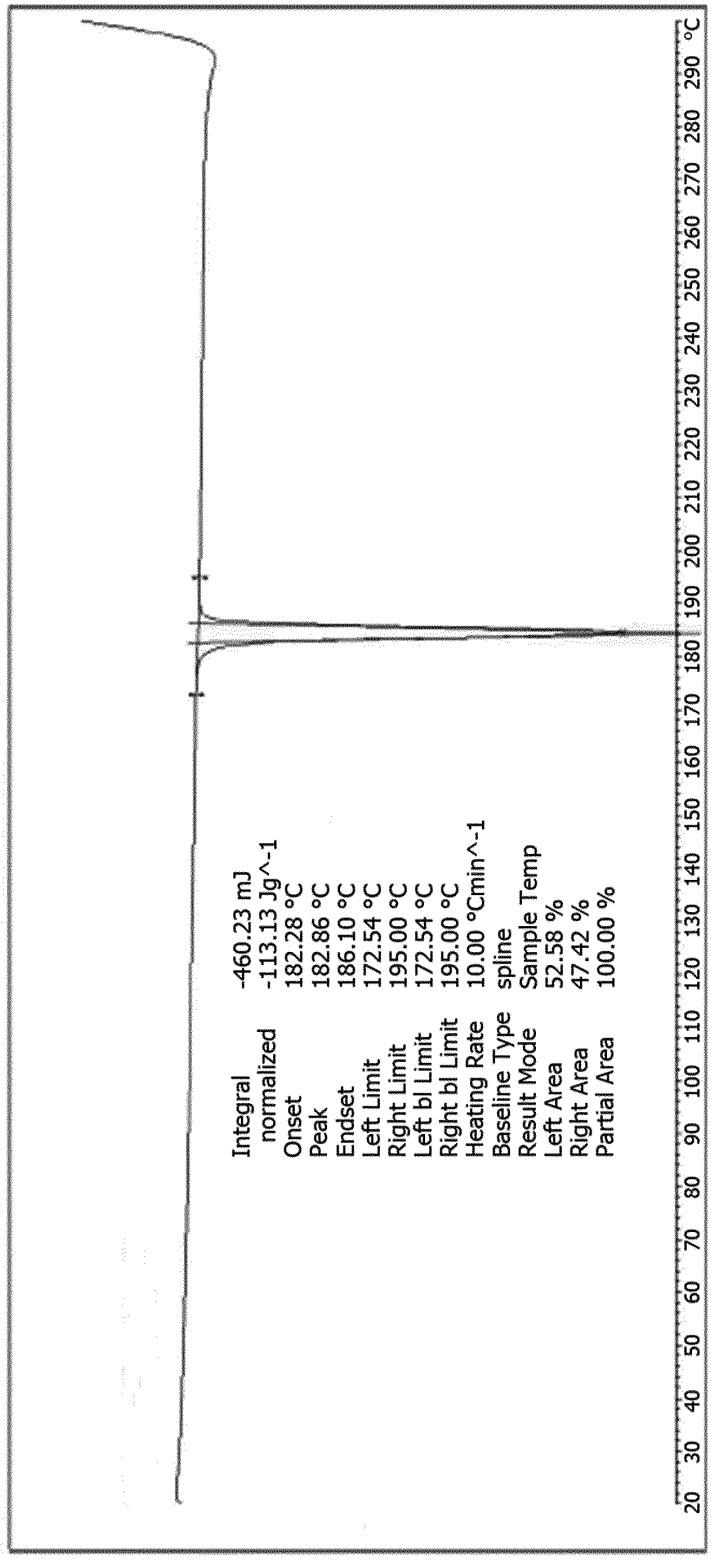

Integral -460.23 mJ
normalized -113.13 Jg^-1
Onset 182.28 °C
Peak 182.86 °C
Endset 186.10 °C
Left Limit 172.54 °C
Right Limit 195.00 °C
Left bl Limit 172.54 °C
Right bl Limit 195.00 °C
Heating Rate 10.00 °Cmin^-1
Baseline Type spline
Result Mode Sample Temp
Left Area 52.58 %
Right Area 47.42 %
Partial Area 100.00 %
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 °C

Fig.2

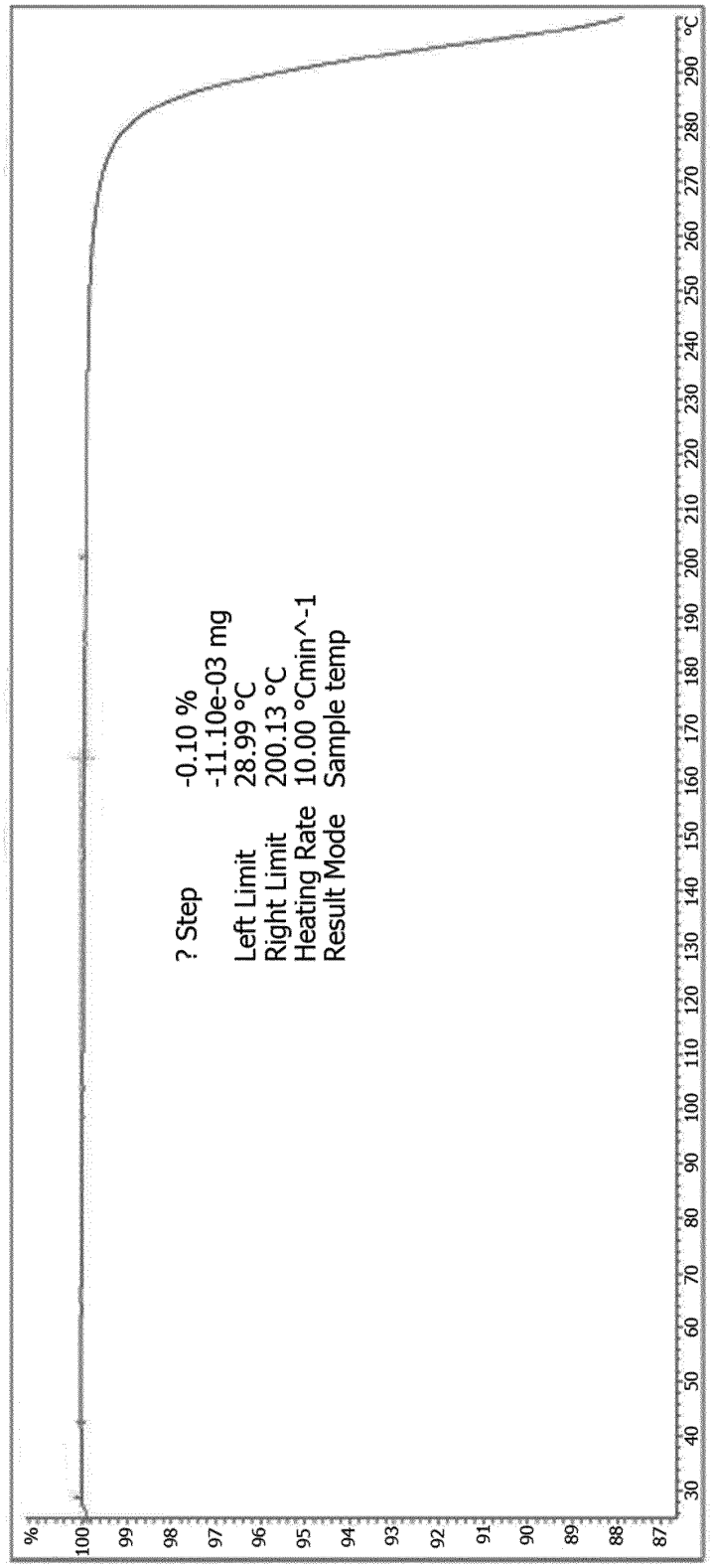

? Step -0.10 %
-11.10e-03 mg
Left Limit 28.99 °C
Right Limit 200.13 °C
Heating Rate 10.00 °Cmin^-1
Result Mode Sample temp
%
°C

Fig.3

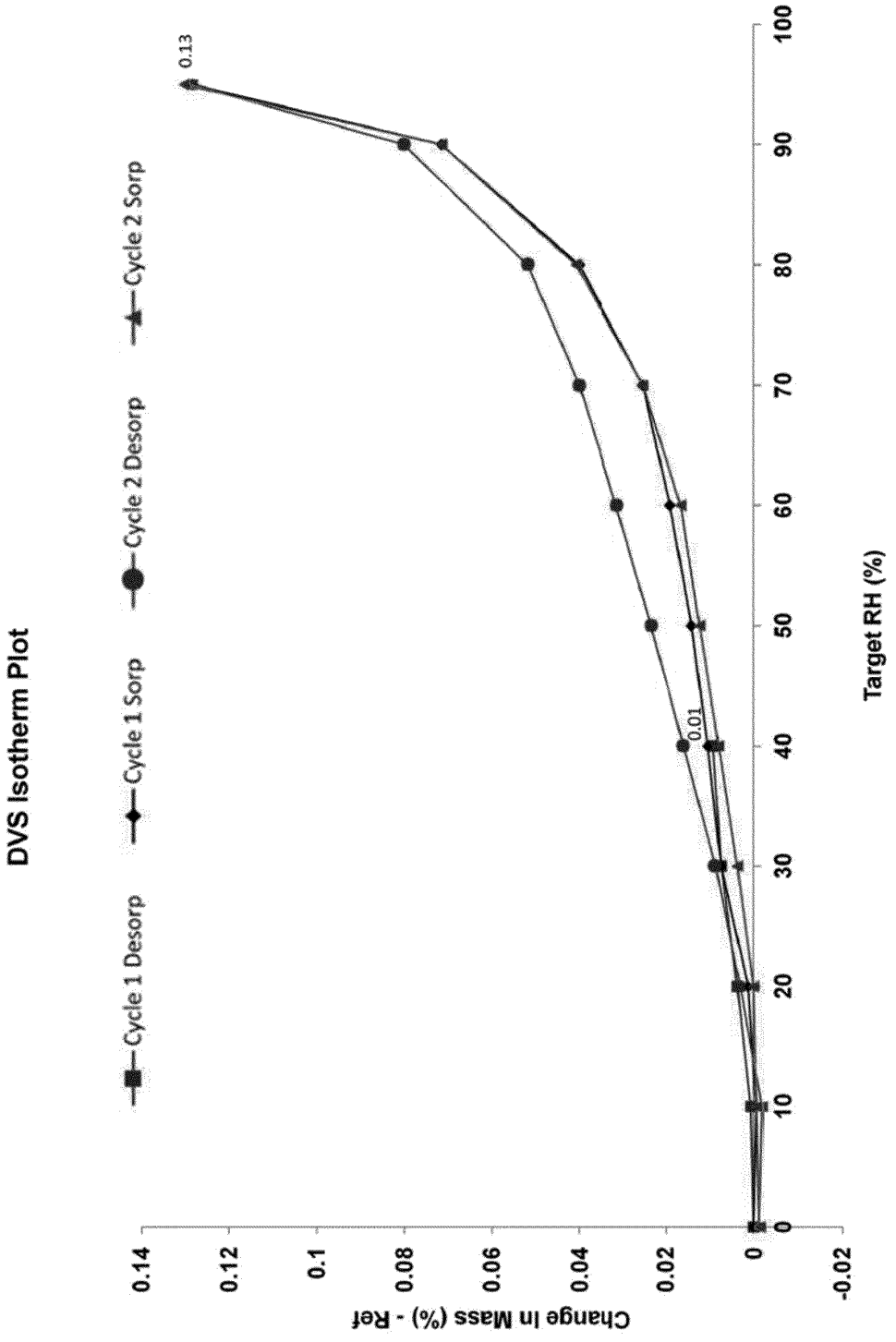

DVS Isotherm Plot
Cycle 1 Desorp
Cycle 1 Sorp
Cycle 2 Desorp
Cycle 2 Sorp
0.13
0.01
Change In Mass (%) - Ref
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
Target RH (%)
0
10
20
30
40
50
60
70
80
90
100

Fig.4

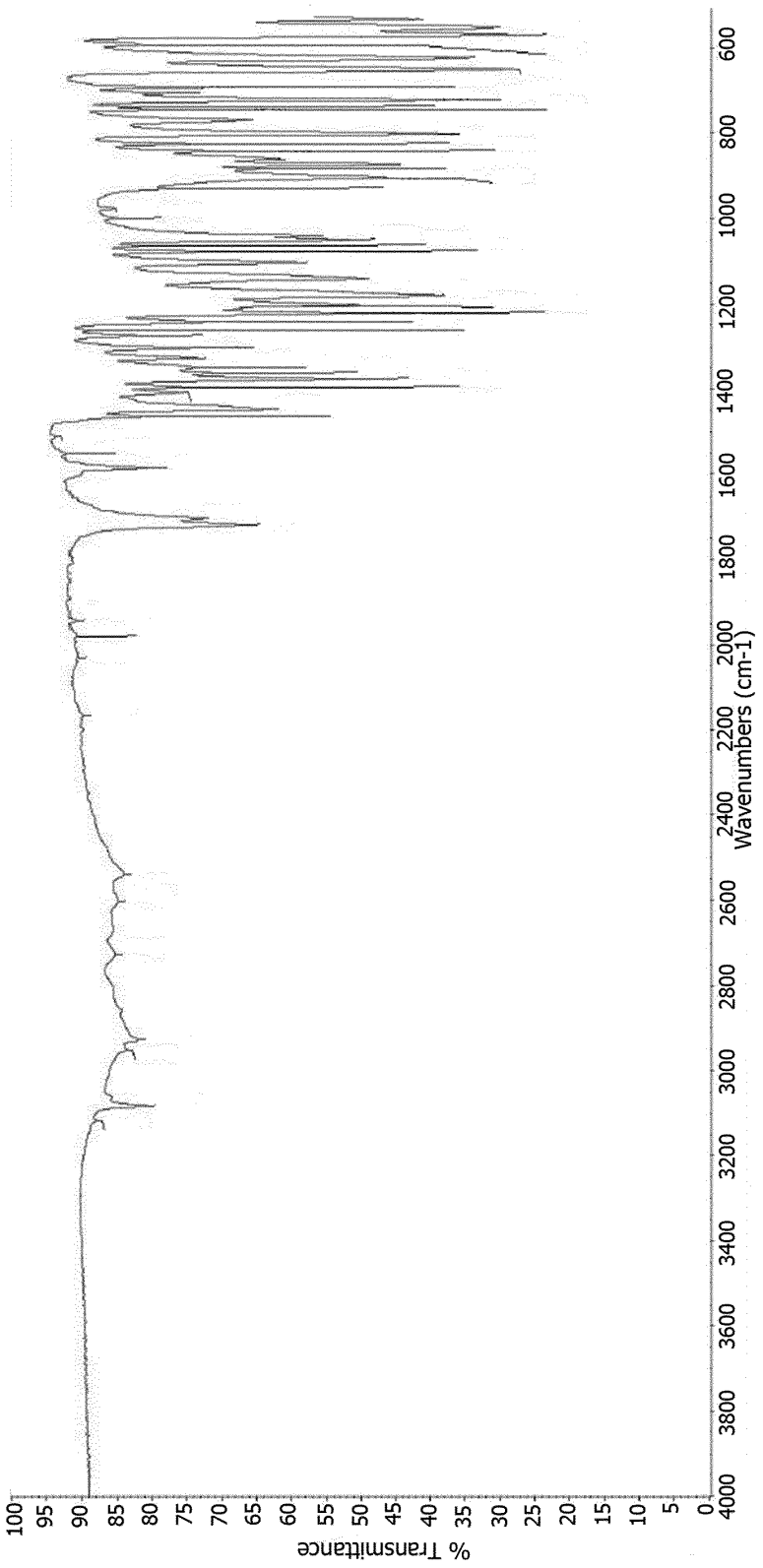

% Transmittance
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
4000
3800
3600
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
600
Wavenumbers (cm-1)

Fig.5A

Position (cm-1)	Transmittance (%)	Position (cm-1)	Transmittance (%)	Position (cm-1)	Transmittance (%)
529.55	41.147	973.99	85.212	1393.16	75.569
548.63	30.456	996.63	84.796	1406.05	75.414
565.82	27.158	1038.11	55.947	1445	62.46
589.85	81.354	1047.15	51.589	1462.67	80.914
619.54	34.208	1062.33	81.823	1508.63	93.457
647.15	27.473	1075.51	73.452	1550.31	91.852
689.86	72.768	1101.69	58.493	1583.43	80.572
702.54	77.98	1138.71	49.411	1701.58	72.171
718.96	38.89	1177.7	37.876	1717.14	67.515
735.3	83.077	1200.22	50.453	1941.99	90.624
741.51	77.263	1208.69	66.768	1978.4	90.556
766.26	66.164	1219.86	53.711	2029.19	90.412
798.39	38.795	1240.39	72.444	2166.44	89.676
822.19	73.835	1260.75	88.704	2537.11	83.835
839.83	70.71	1272.63	81.826	2599.81	84.657
858.46	61.18	1301.78	74.393	2726.44	85.182
870.57	44.136	1325.23	73.2	2926.06	81.714
881	63.993	1347.72	73.881	2950.39	83.316
901.02	46.341	1360.34	70.733	3081.6	80.355
927.33	77.339	1374.07	52.166	3116.56	87.751
Threshold: 93.667; Sensitivity: 81					

Fig.5B

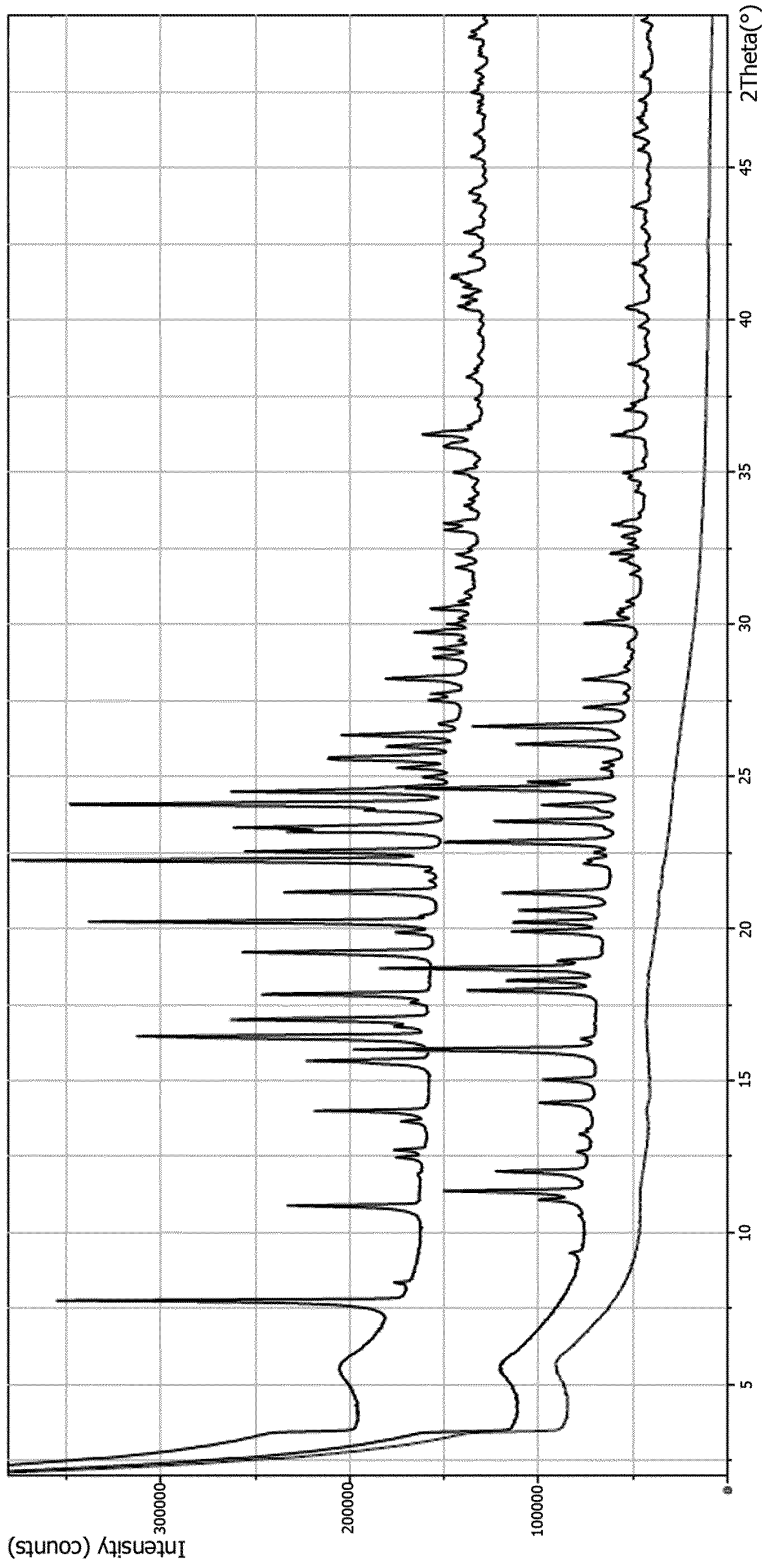

Intensity (counts)
300000
200000
100000
2Theta(°)
5
10
15
20
25
30
35
40
45

Fig.6

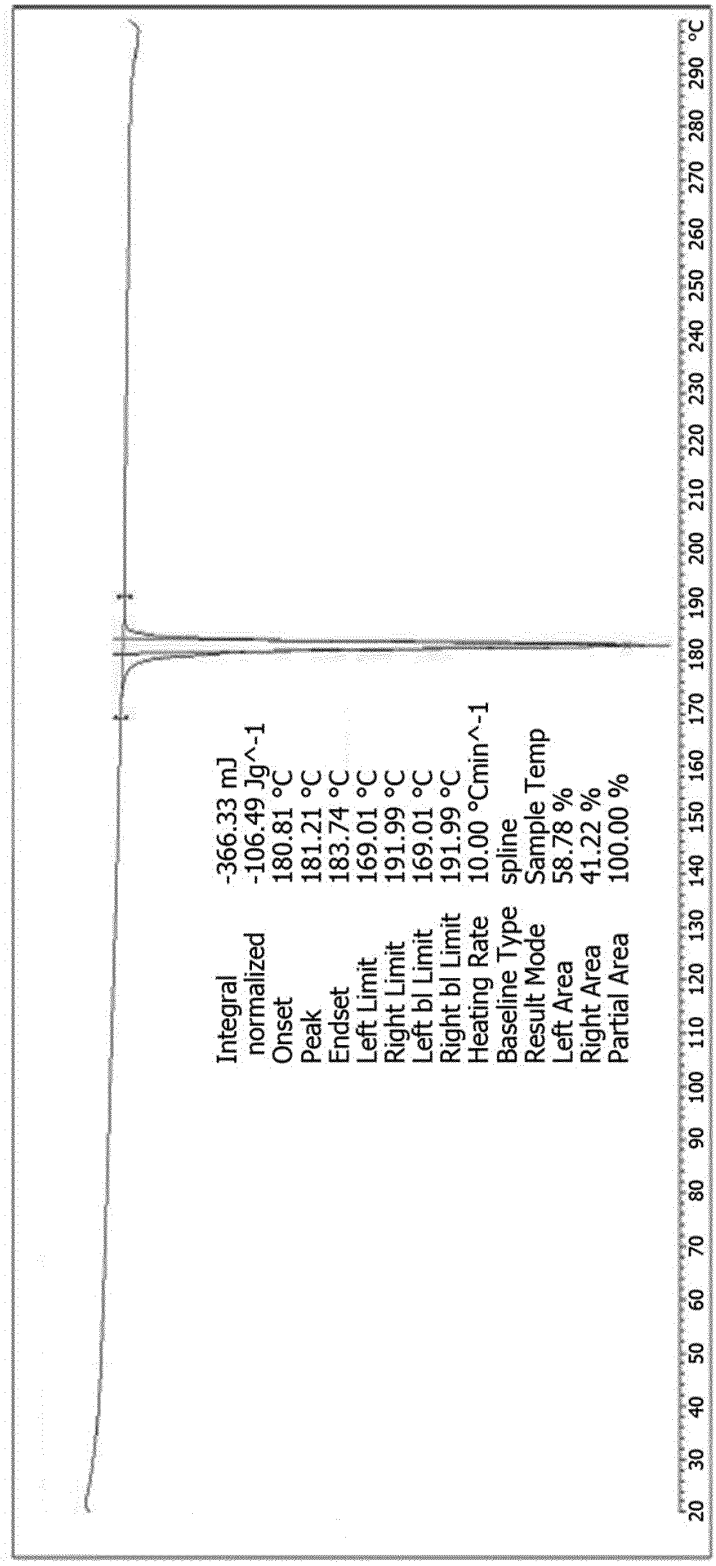

Integral -366.33 mJ
normalized -106.49 Jg^-1
Onset 180.81 °C
Peak 181.21 °C
Endset 183.74 °C
Left Limit 169.01 °C
Right Limit 191.99 °C
Left bl Limit 169.01 °C
Right bl Limit 191.99 °C
Heating Rate 10.00 °Cmin^-1
Baseline Type spline
Result Mode Sample Temp
Left Area 58.78 %
Right Area 41.22 %
Partial Area 100.00 %
20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 °C

Fig.7

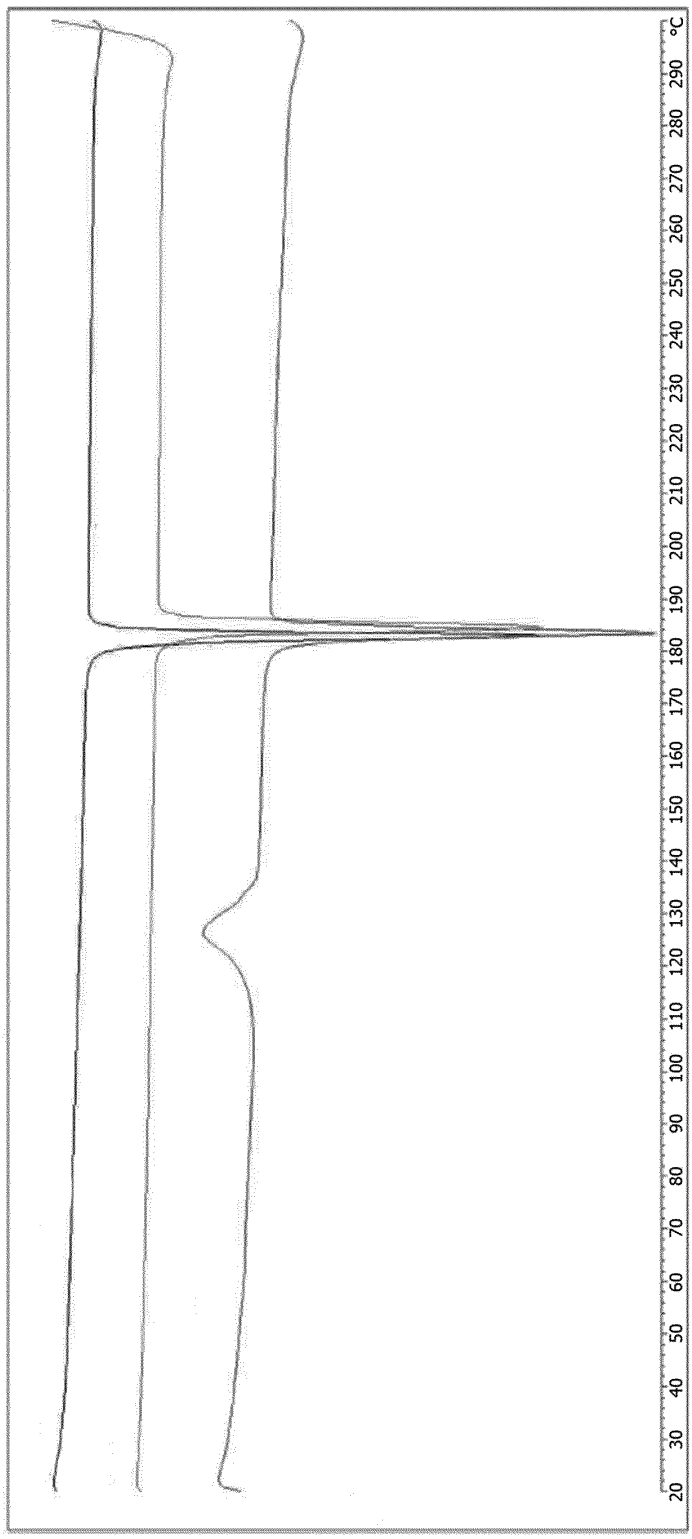

°C
290
280
270
260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20

Fig.8

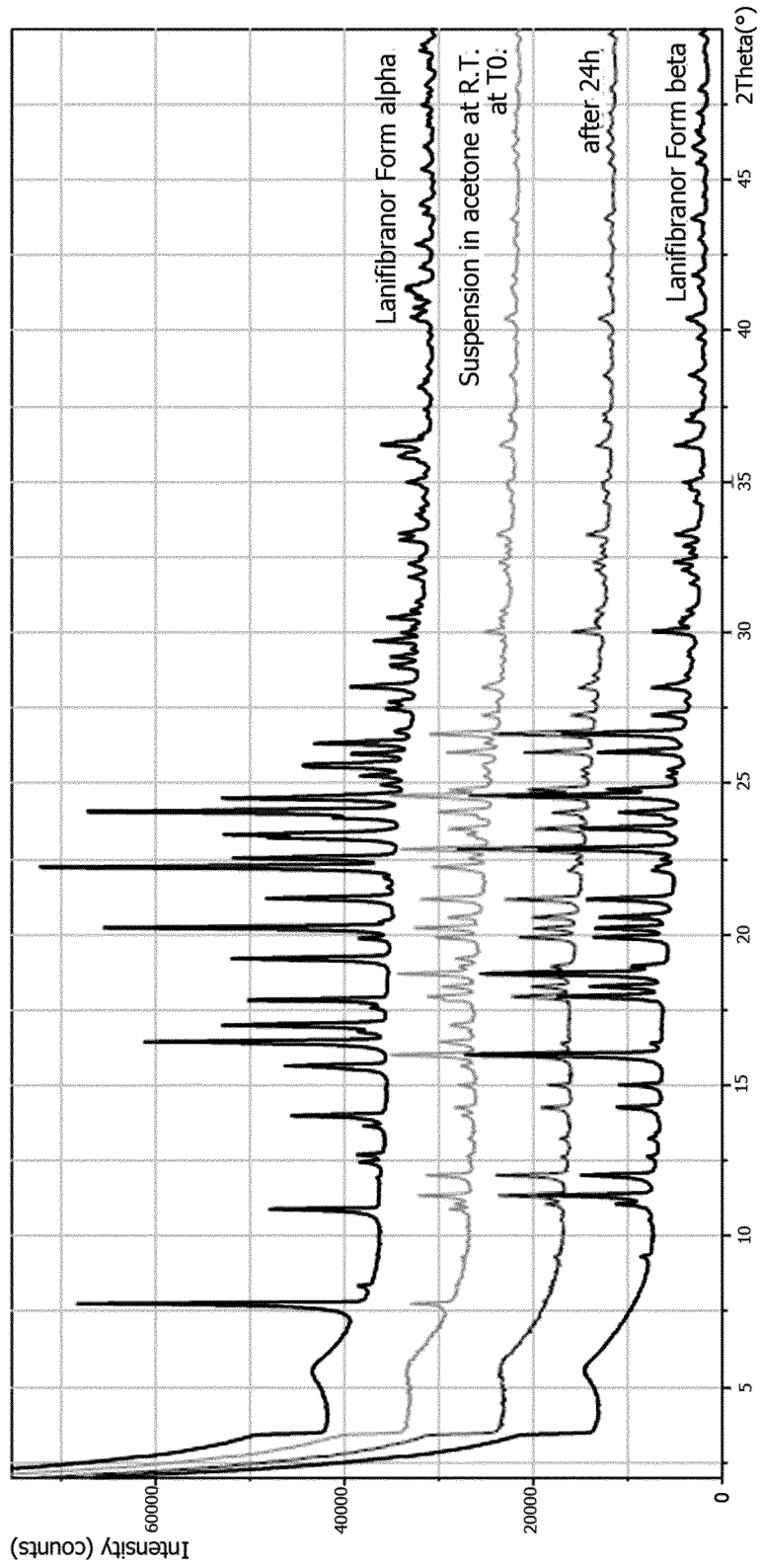

Lanifibranor Form alpha
Suspension in acetone at R.T.
at T0.
after 24h
Lanifibranor Form beta
2Theta(°)
Intensity (counts)
60000
40000
20000
0
5
10
15
20
25
30
35
40
45

Fig.9

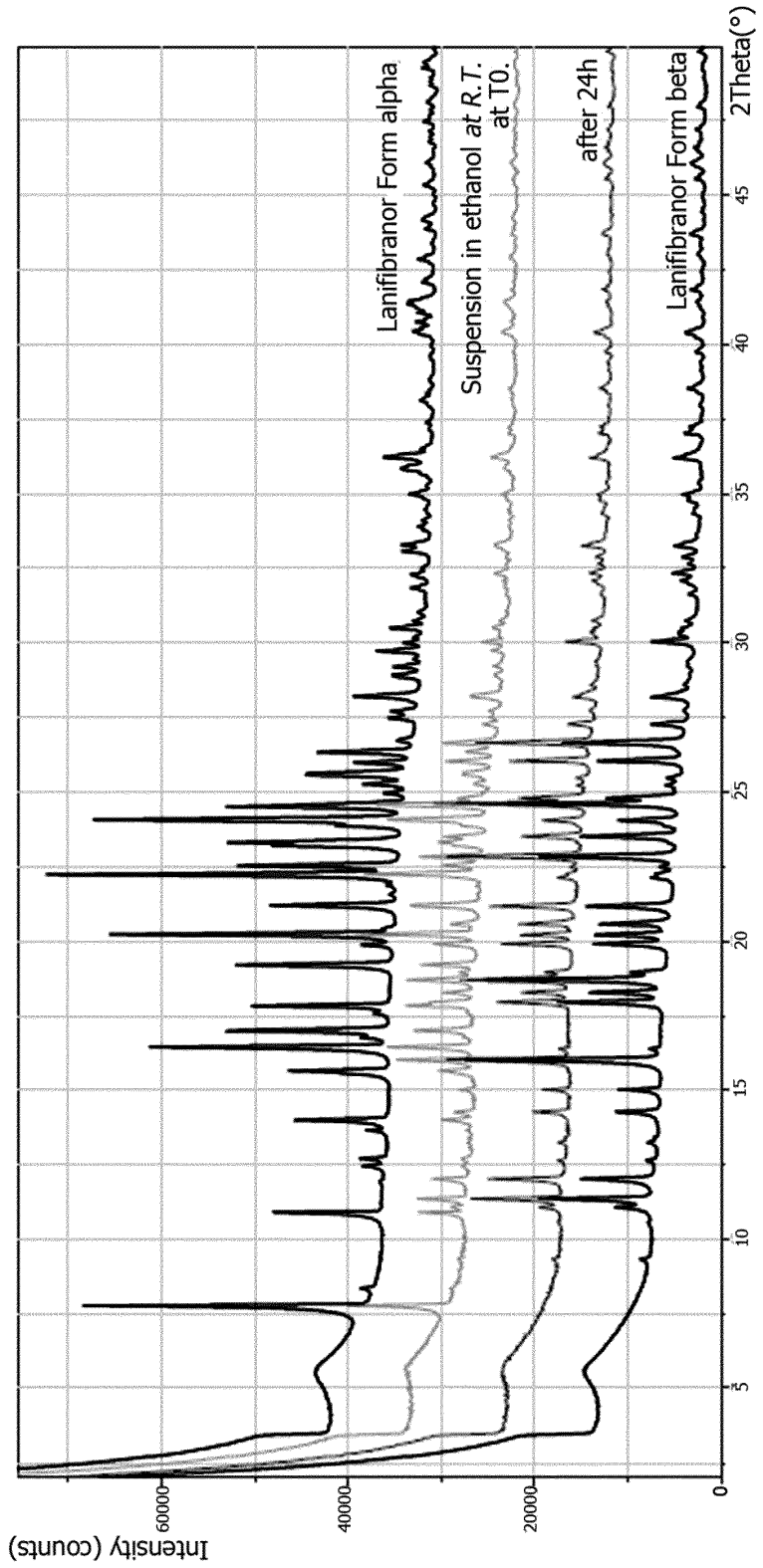

Lanifibranor Form alpha
Suspension in ethanol at R.T.
at T0.
after 24h
Lanifibranor Form beta
2Theta(°)
Intensity (counts)
0
20000
40000
60000
5
10
15
20
25
30
35
40
45

Figure 10

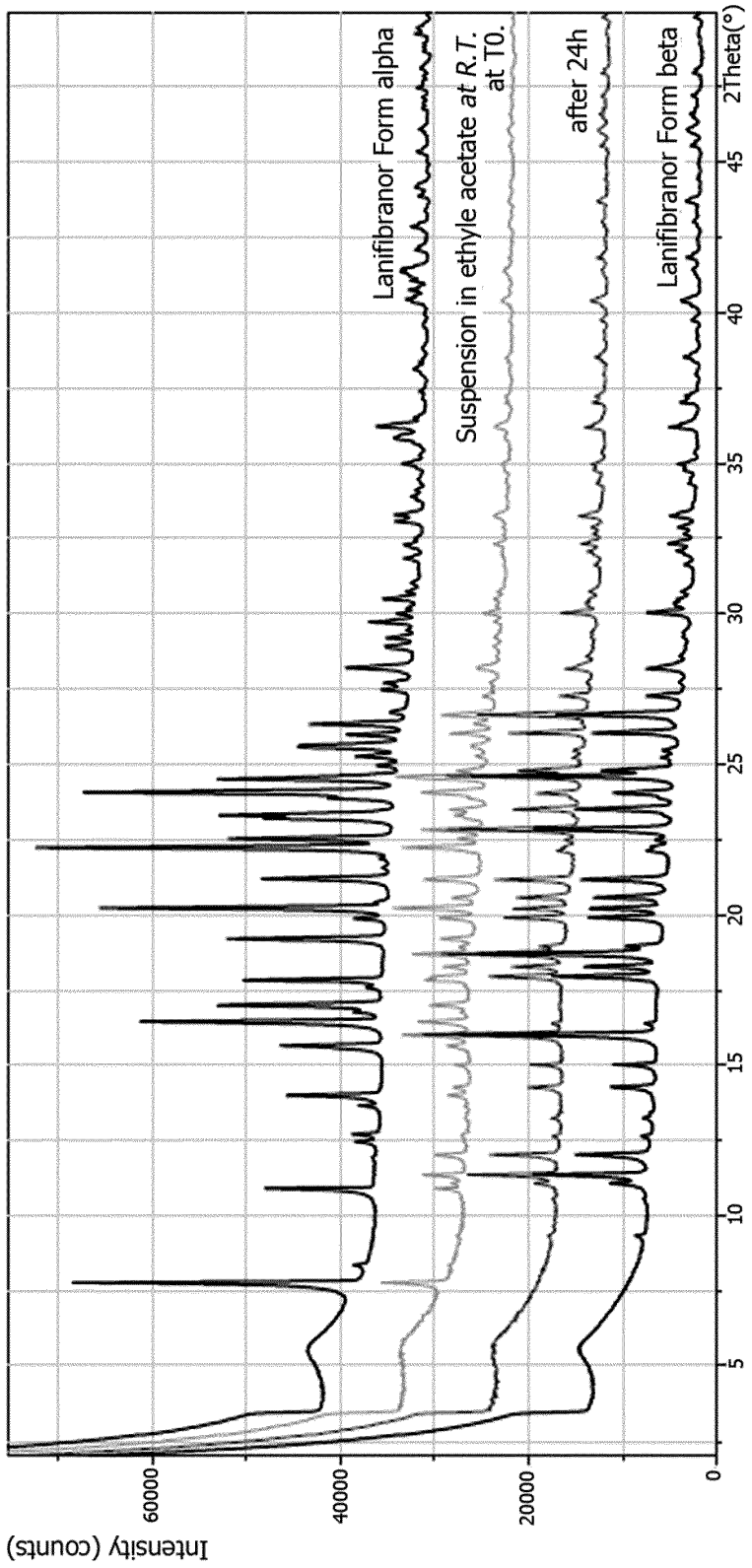

Lanifibranor Form alpha
Suspension in ethyle acetate at R.T.
at T0.
after 24h
Lanifibranor Form beta
2Theta(°)
Intensity (counts)
0
20000
40000
60000
5
10
15
20
25
30
35
40
45

Figure 11

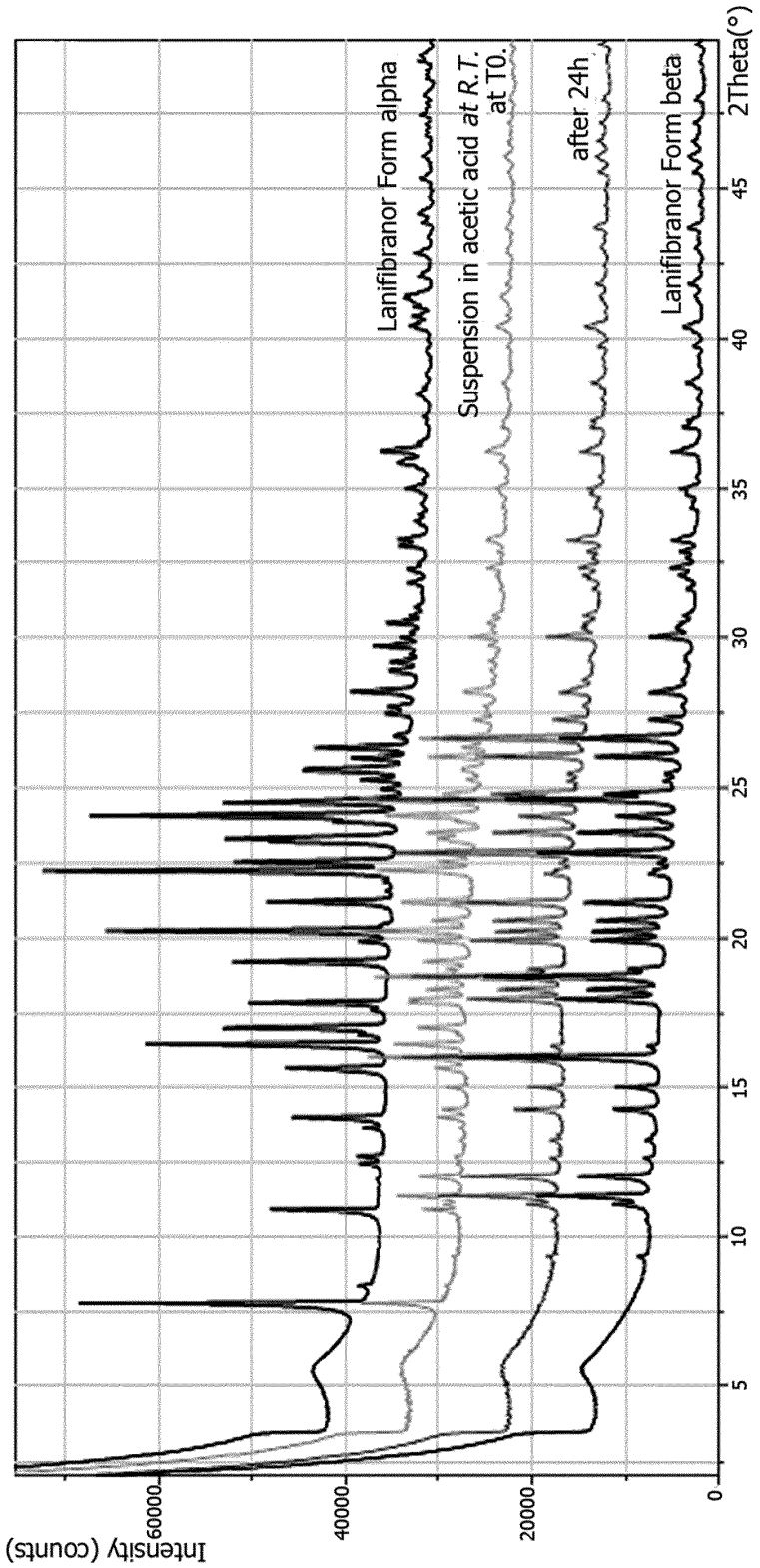

Lanifibranor Form alpha
Suspension in acetic acid at R.T. at T0.
after 24h
Lanifibranor Form beta
2Theta(°)
Intensity (counts)
0
20000
40000
60000
5
10
15
20
25
30
35
40
45

Fig.12

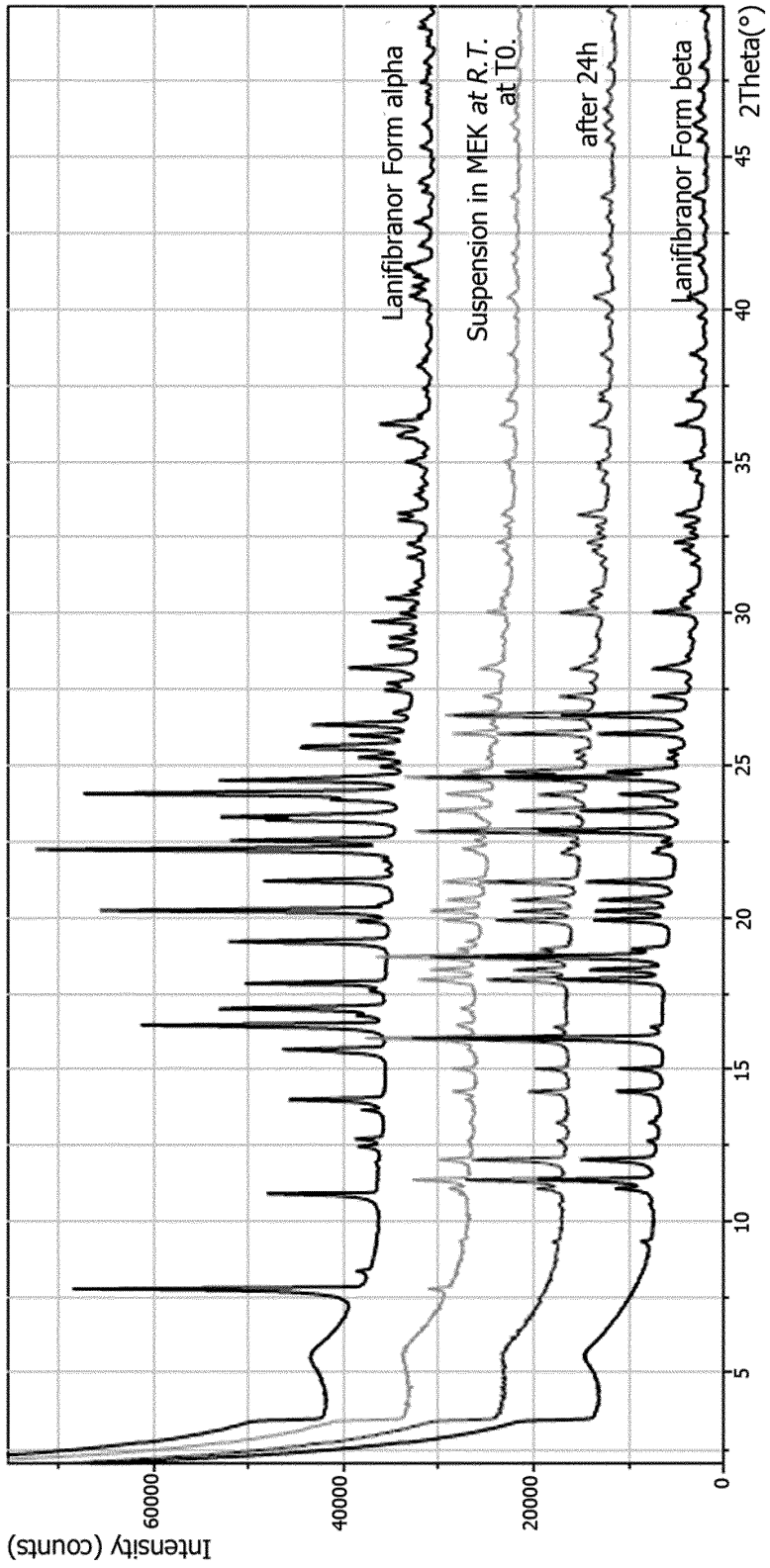

Lanifibranor Form alpha
Suspension in MEK at R.T.
at T0.
after 24h
Lanifibranor Form beta
2Theta(°)
Intensity (counts)
0
20000
40000
60000
5
10
15
20
25
30
35
40
45

Fig.13

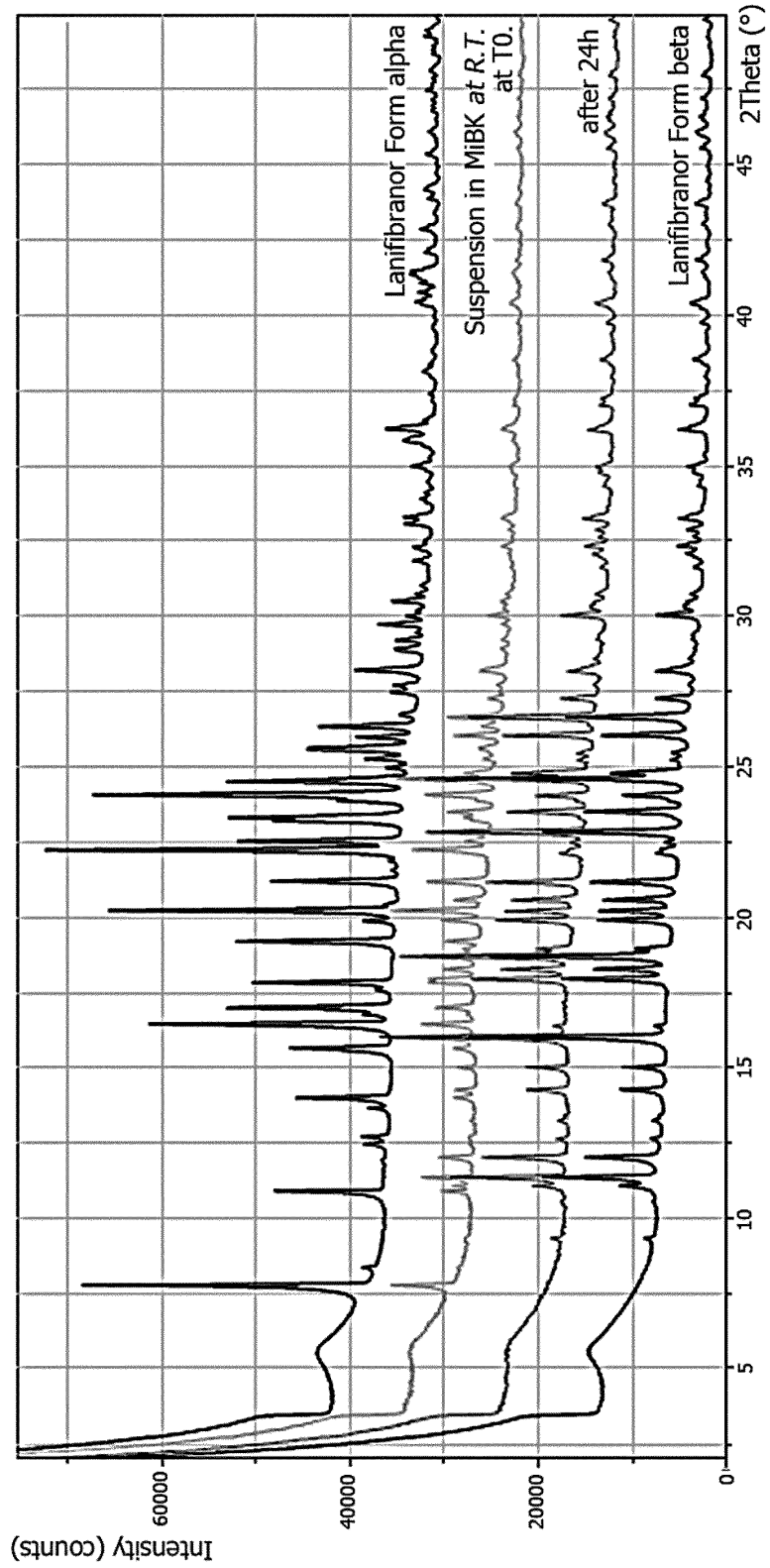

Lanifibranor Form alpha
Suspension in MiBK at R.T.
at T0.
after 24h
Lanifibranor Form beta
2Theta (°)
Intensity (counts)
0
20000
40000
60000
5
10
15
20
25
30
35
40
45

Fig.14

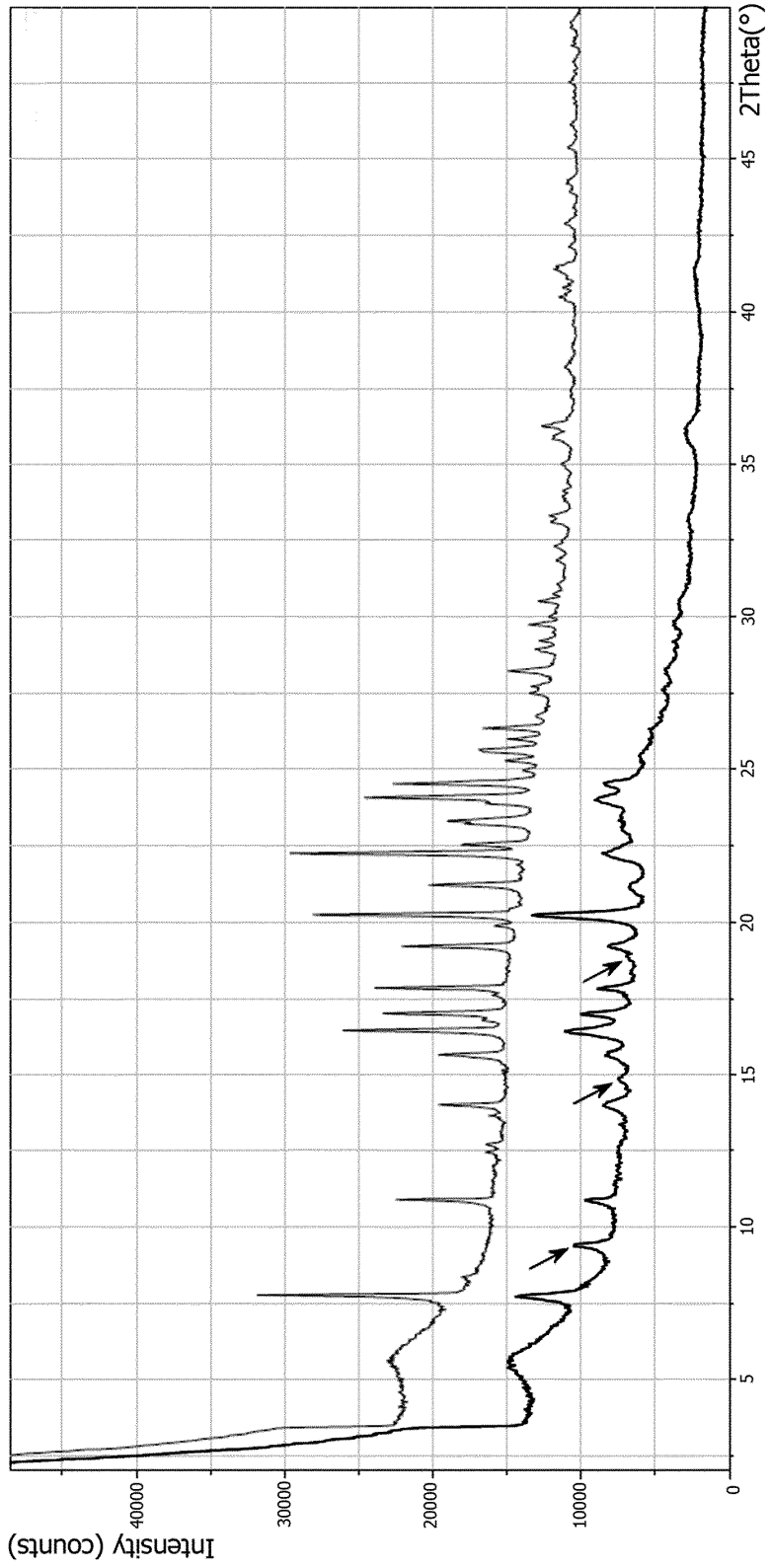

2Theta(°)
Intensity (counts)
0
10000
20000
30000
40000
5
10
15
20
25
30
35
40
45

Fig.15

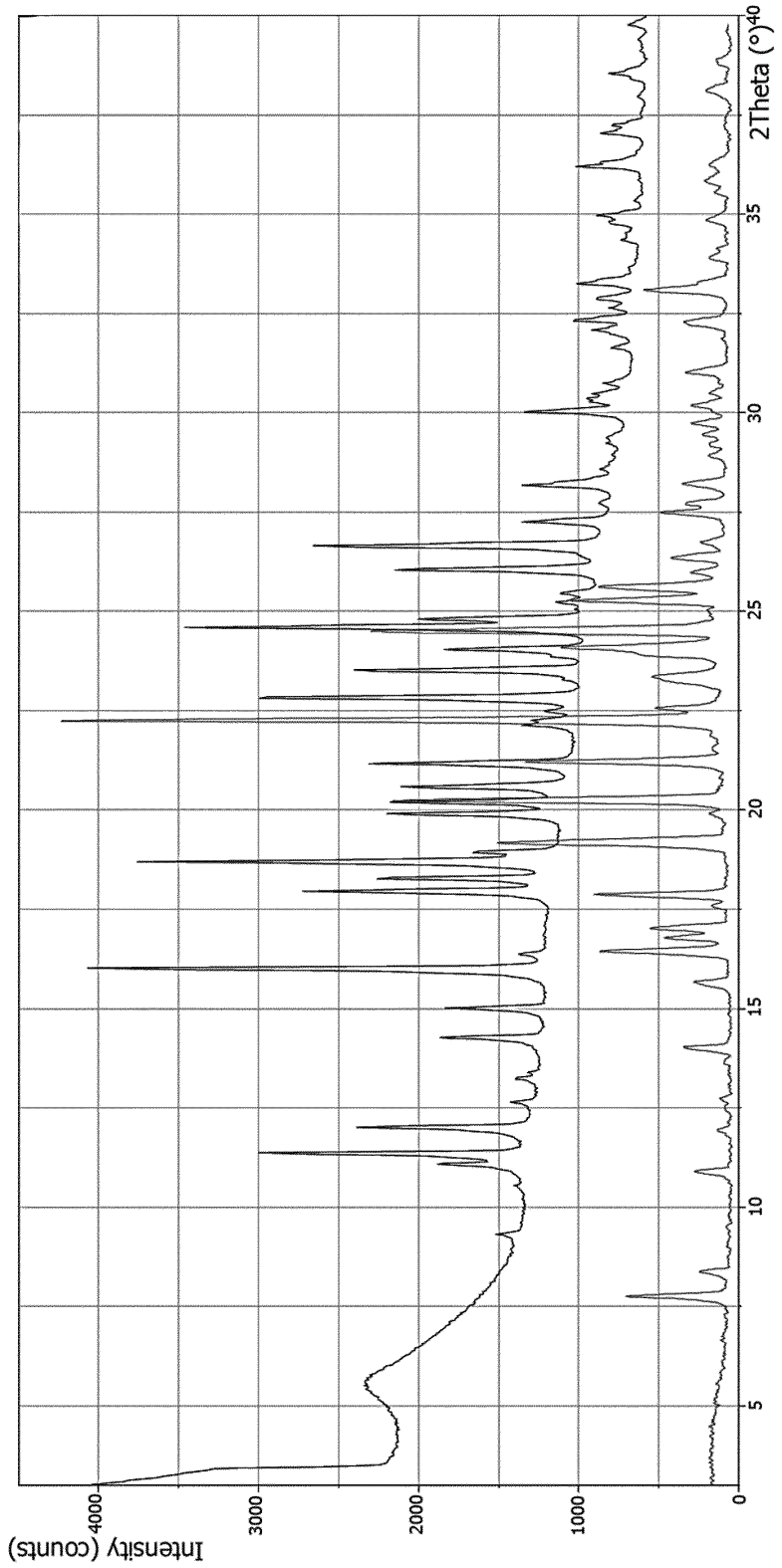

Intensity (counts)
4000
3000
2000
1000
0
5
10
15
20
25
30
35
40
2Theta (°)

Fig.16

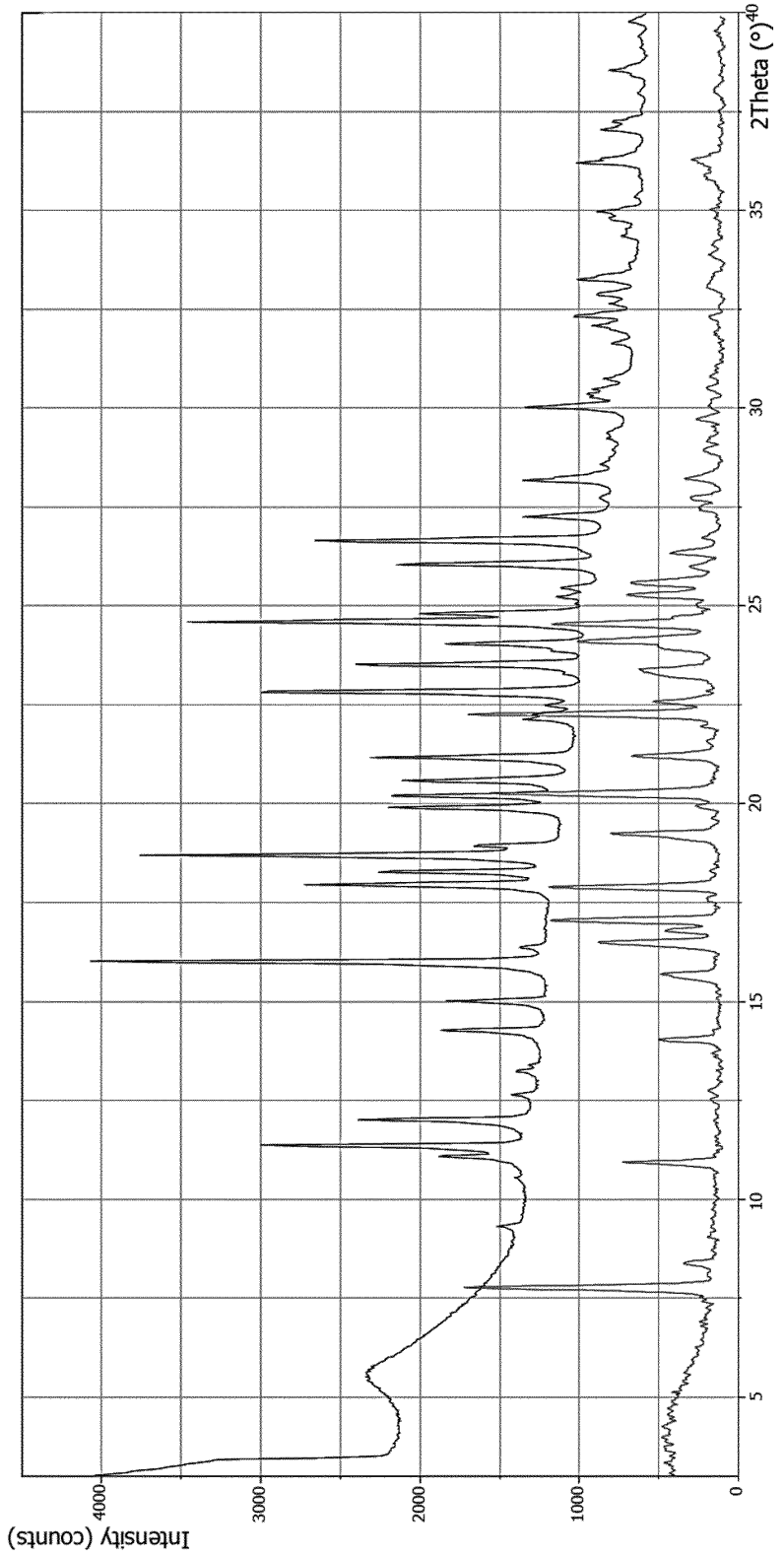

Intensity (counts)
4000
3000
2000
1000
0
5
10
15
20
25
30
35
40
2Theta (°)

Fig.17

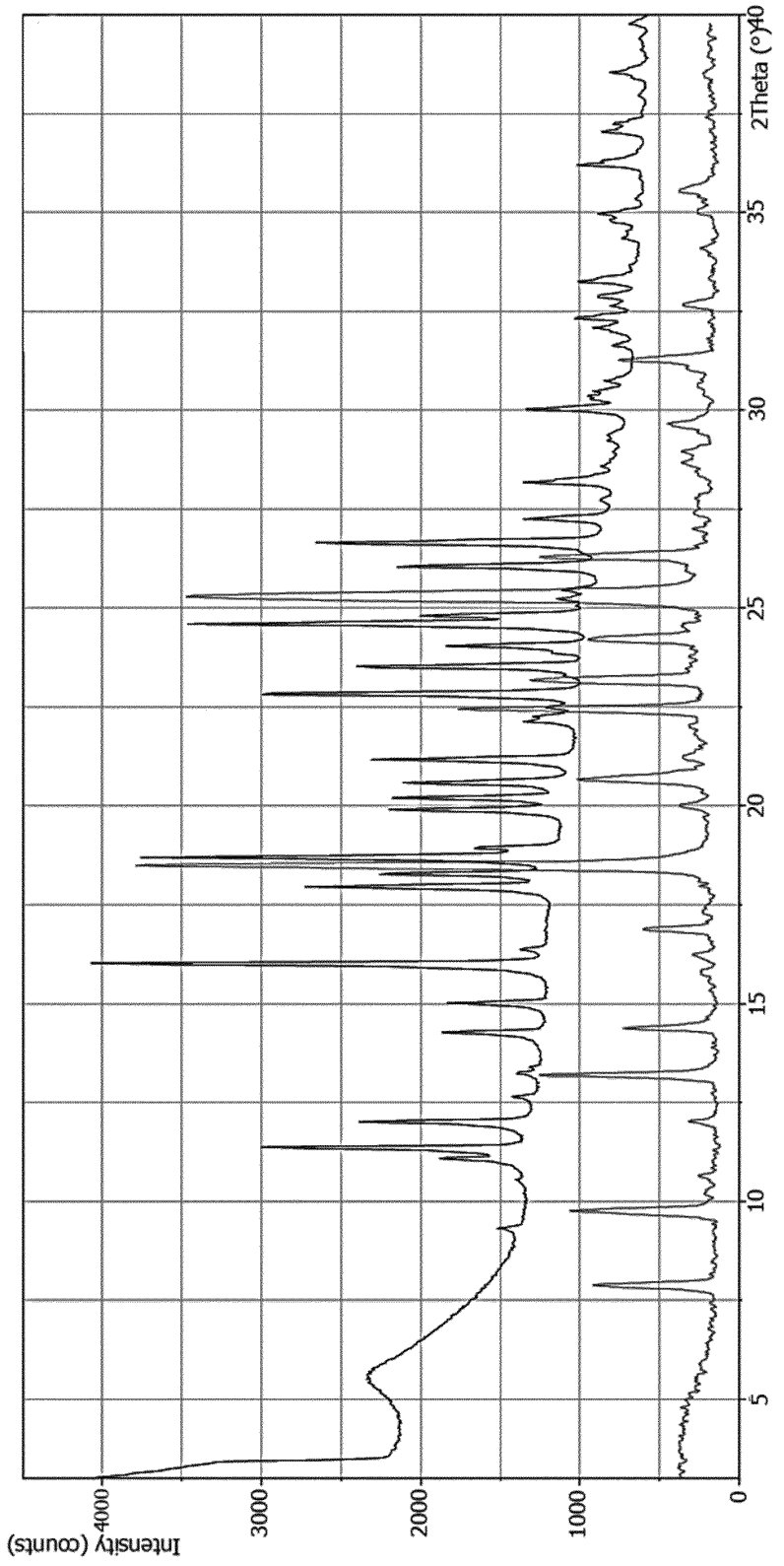

Intensity (counts)
4000
3000
2000
1000
0
5
10
15
20
25
30
35
40
2Theta (°)

Fig.18

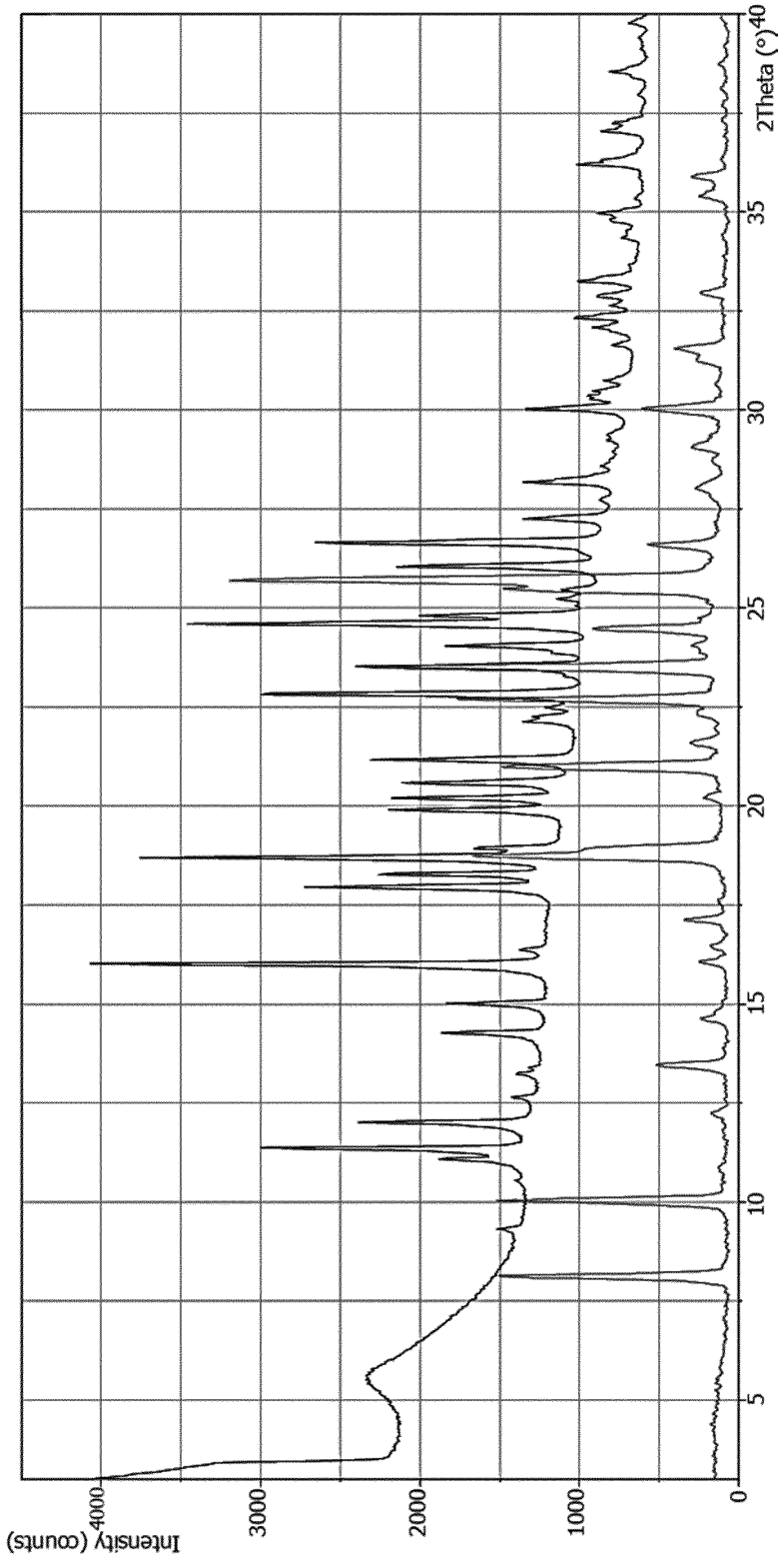

Intensity (counts)
4000
3000
2000
1000
0
5
10
15
20
25
30
35
40
2Theta (°)

Fig.19

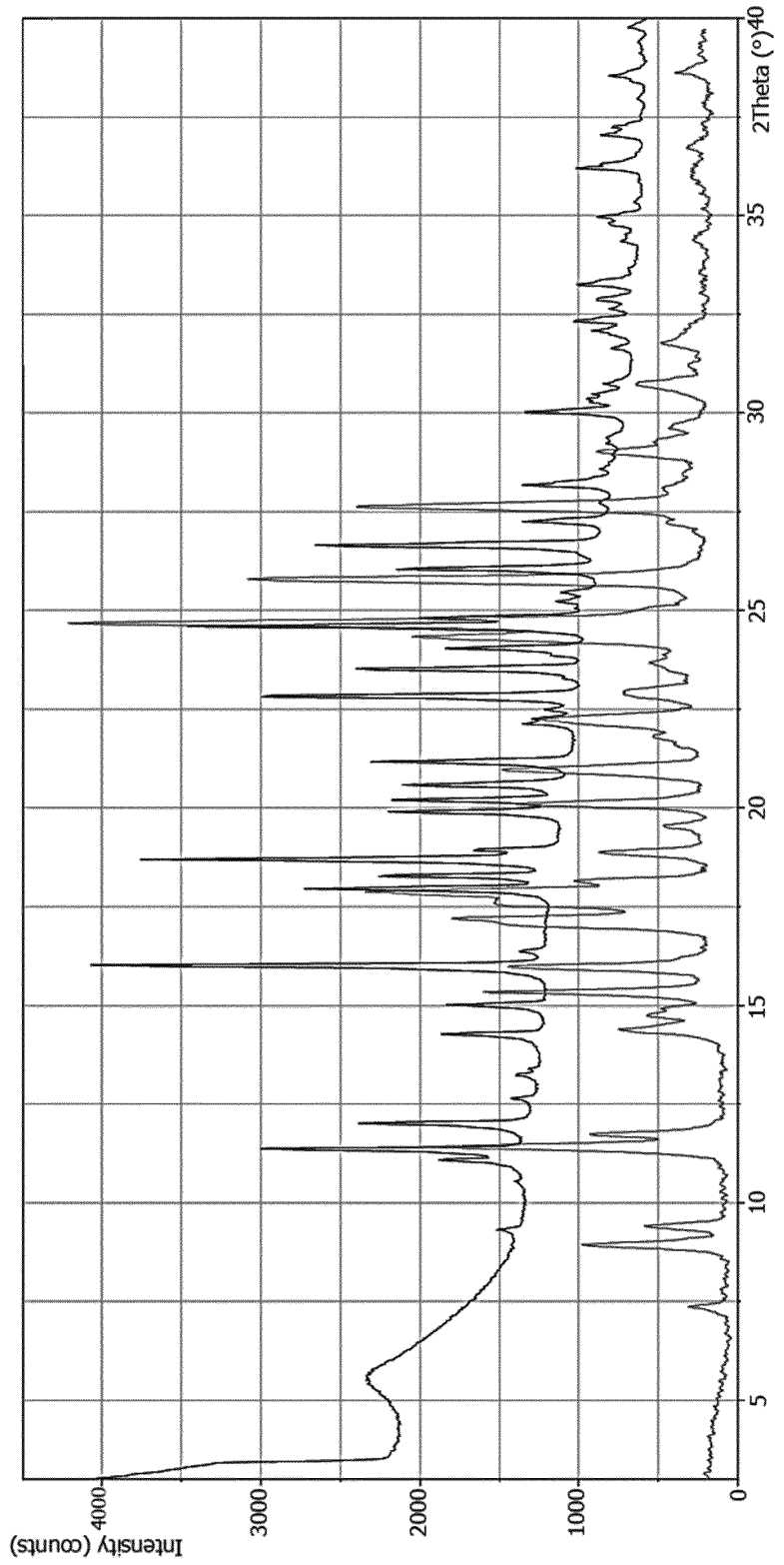

Intensity (counts)
4000
3000
2000
1000
0
5
10
15
20
25
30
35
40
2Theta (°)

Fig.20

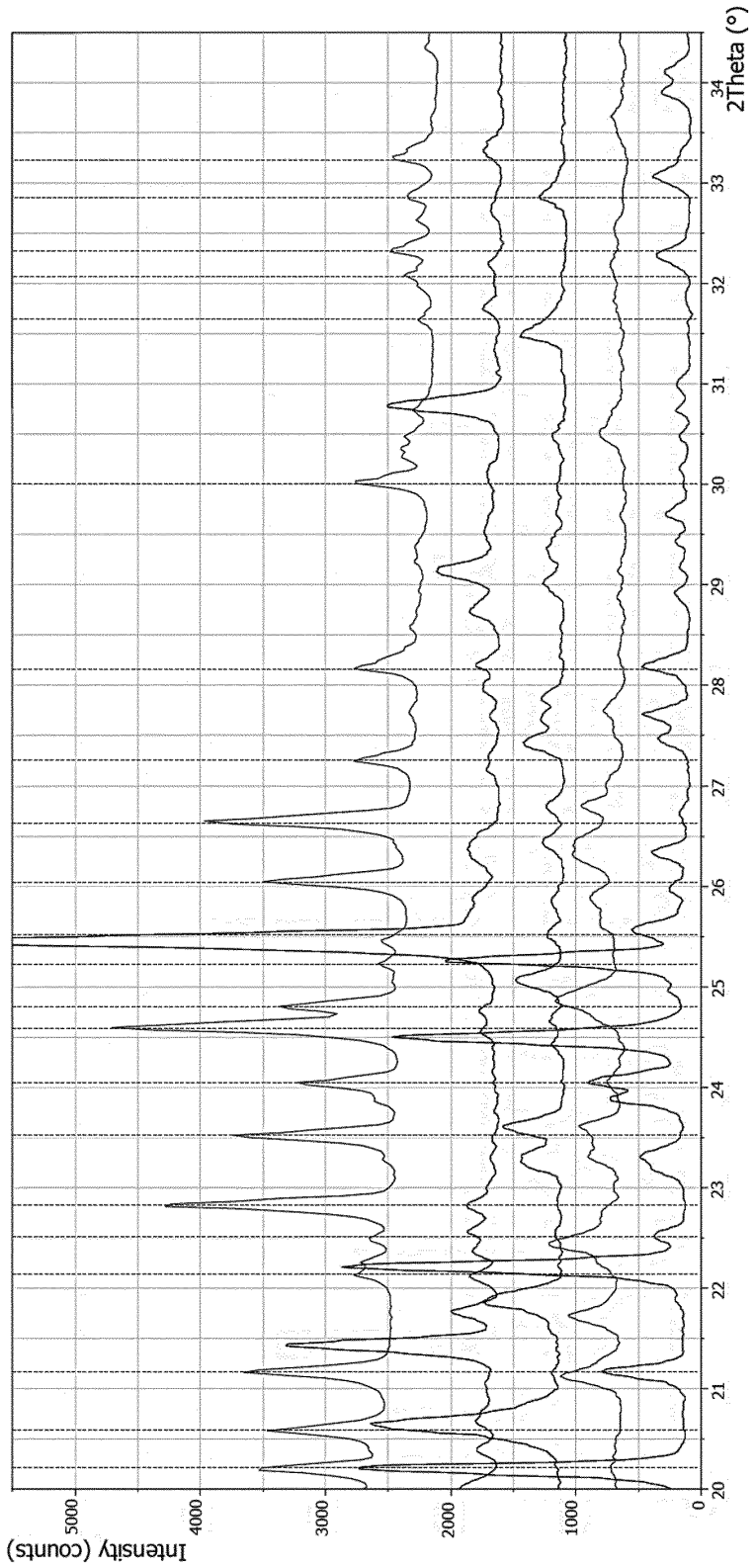

2Theta (°)
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
Intensity (counts)
0
1000
2000
3000
4000
5000

Fig.21

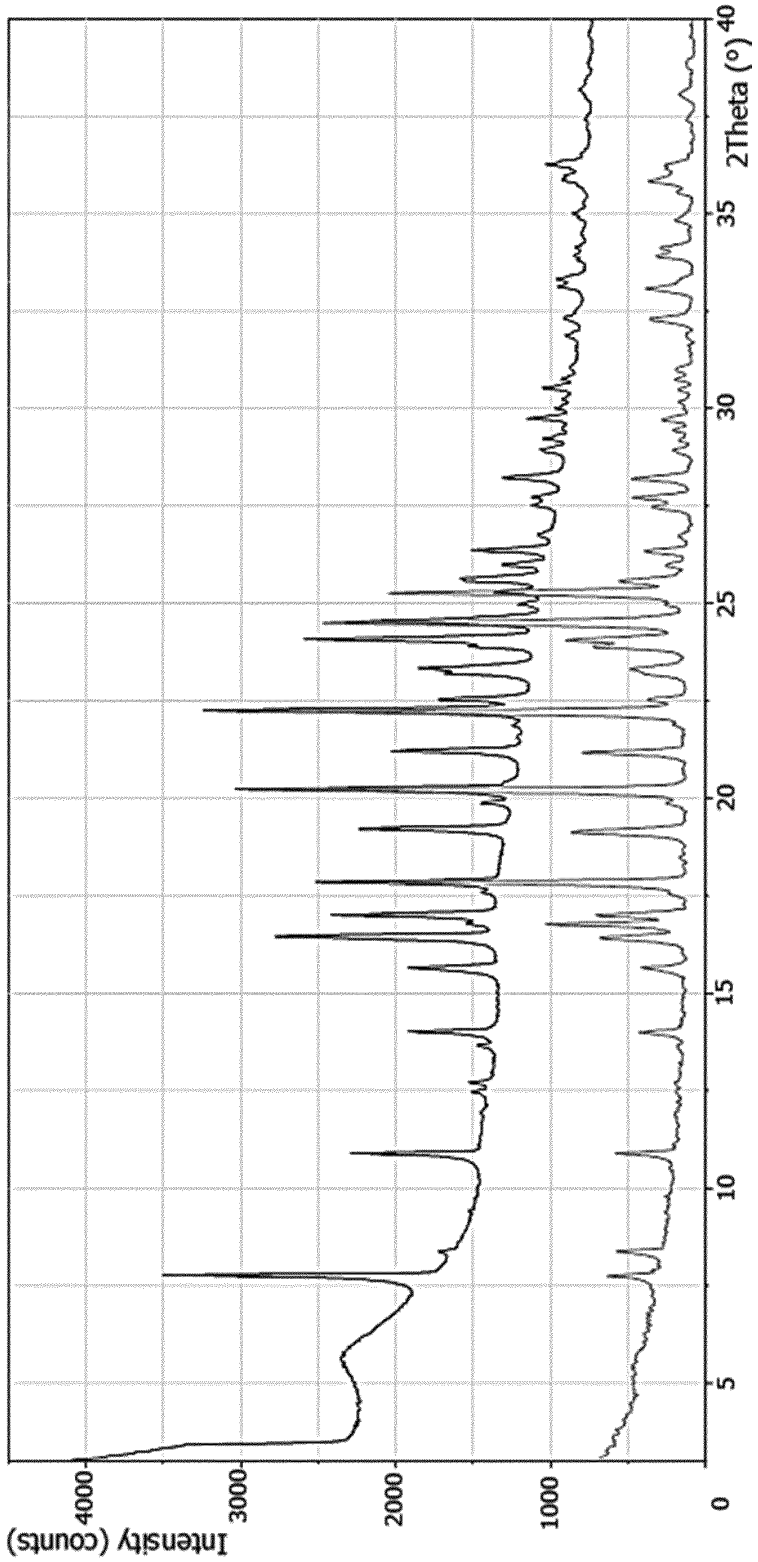

Intensity (counts)
4000
3000
2000
1000
0
5
10
15
20
25
30
35
40
2Theta (°)

Fig.22

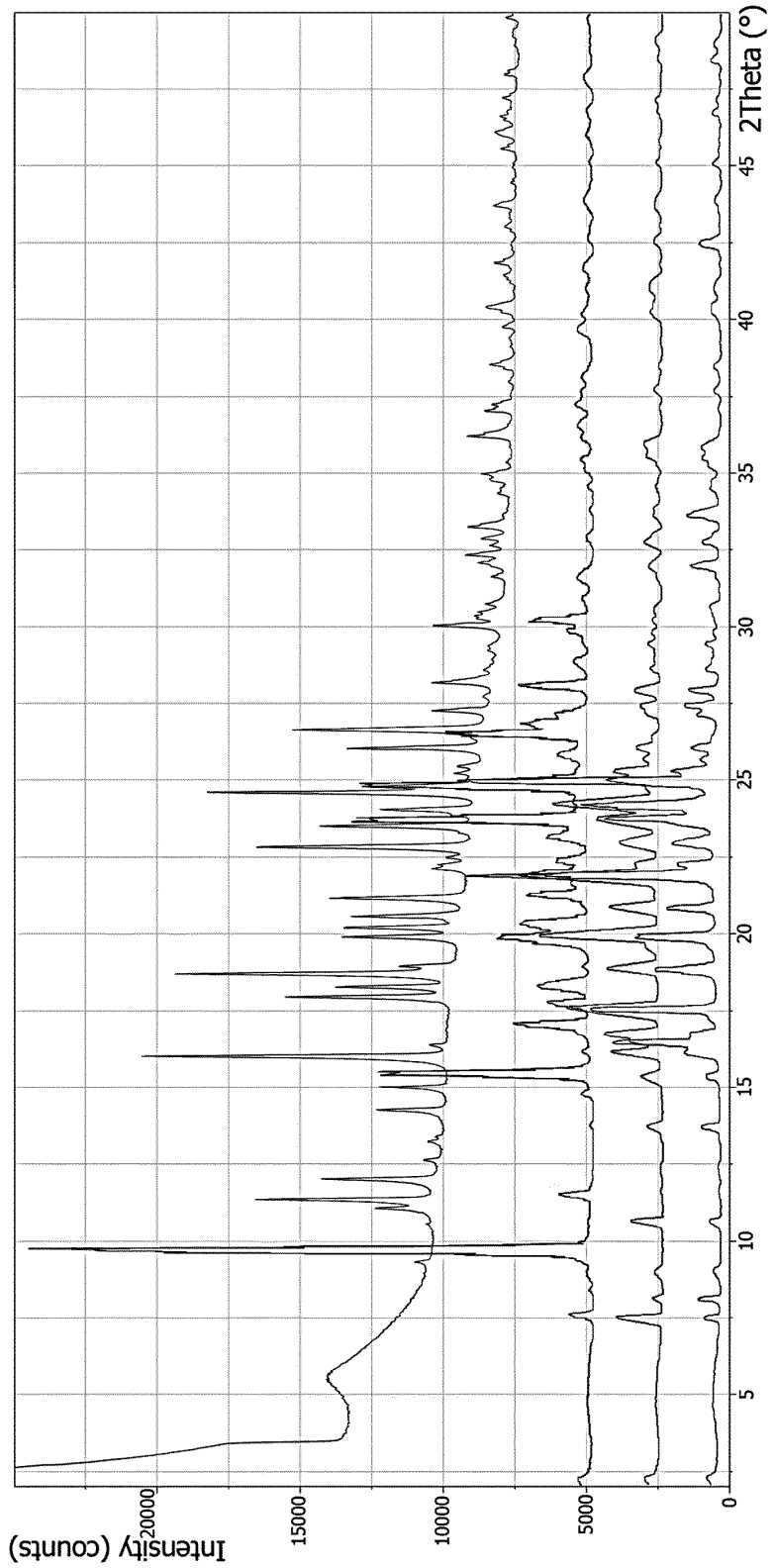

Intensity (counts)
20000
15000
10000
5000
0
5
10
15
20
25
30
35
40
45
2Theta (°)

Fig.23

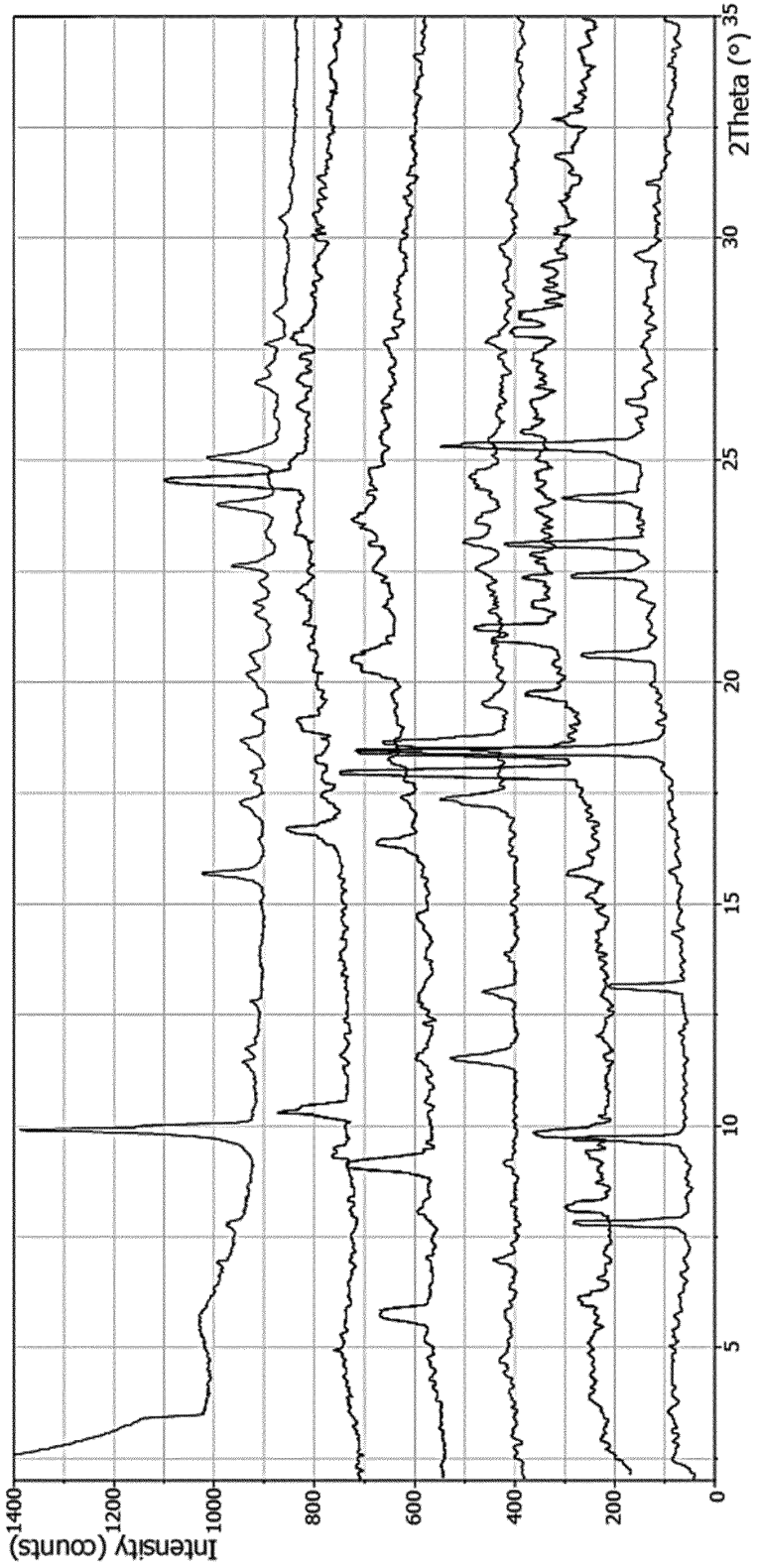

Intensity (counts)
1400
1200
1000
800
600
400
200
0
2Theta (°)
5
10
15
20
25
30
35

Fig.24

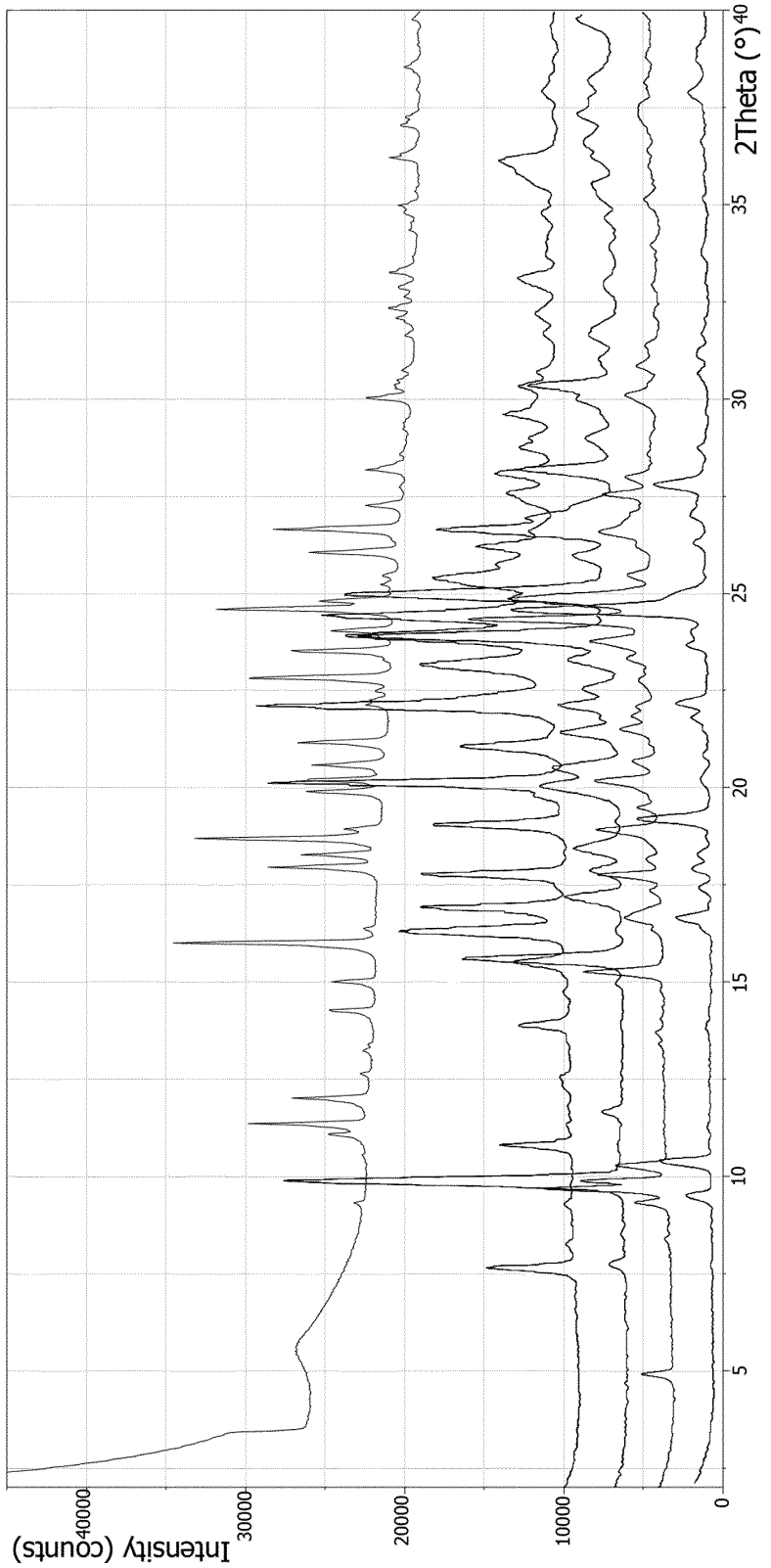

Intensity (counts)
40000
30000
20000
10000
0
2Theta (°)
5
10
15
20
25
30
35
40

Fig.25

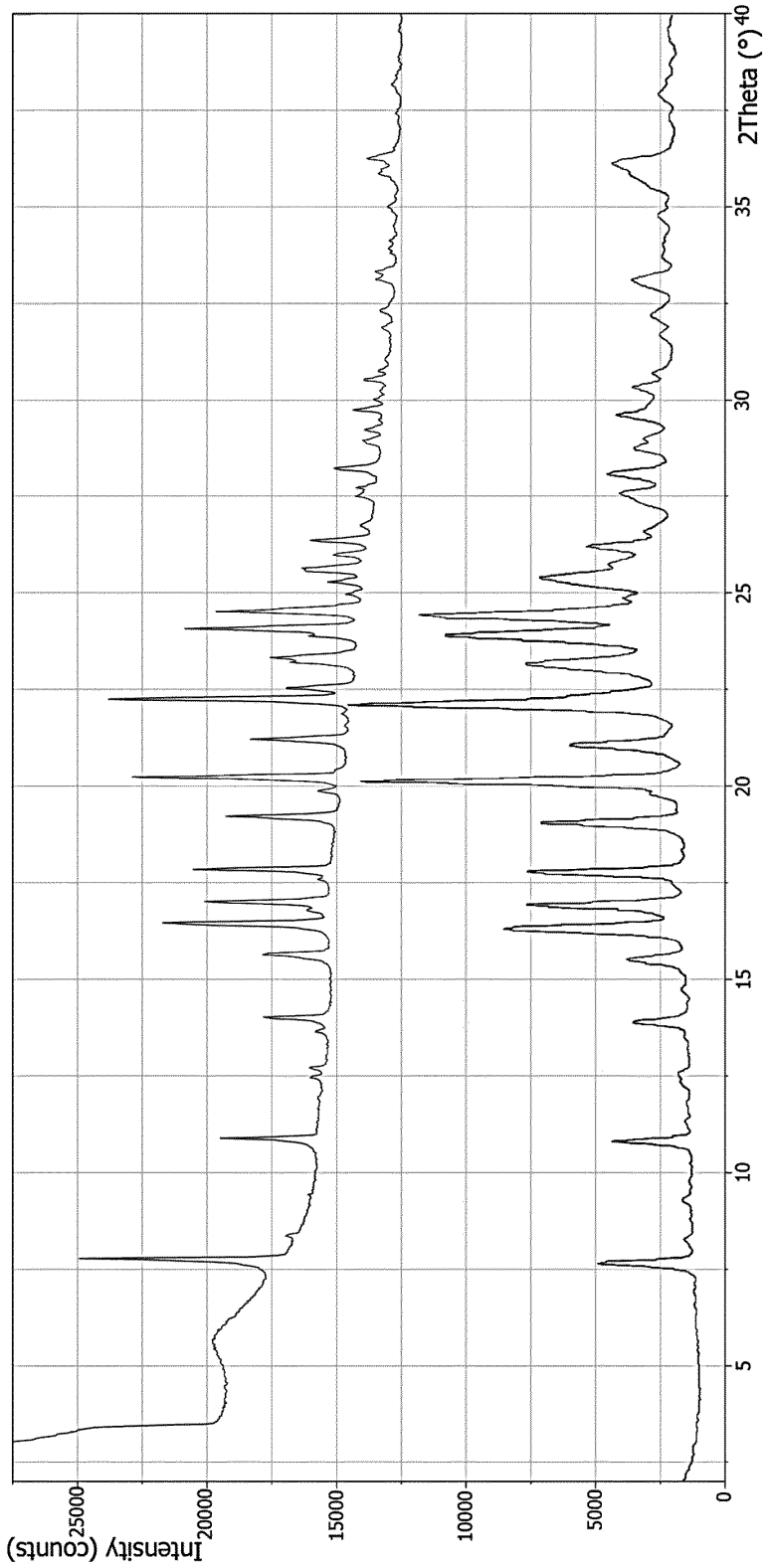

Intensity (counts)
25000
20000
15000
10000
5000
0
5
10
15
20
25
30
35
40
2Theta (°)

Fig.26

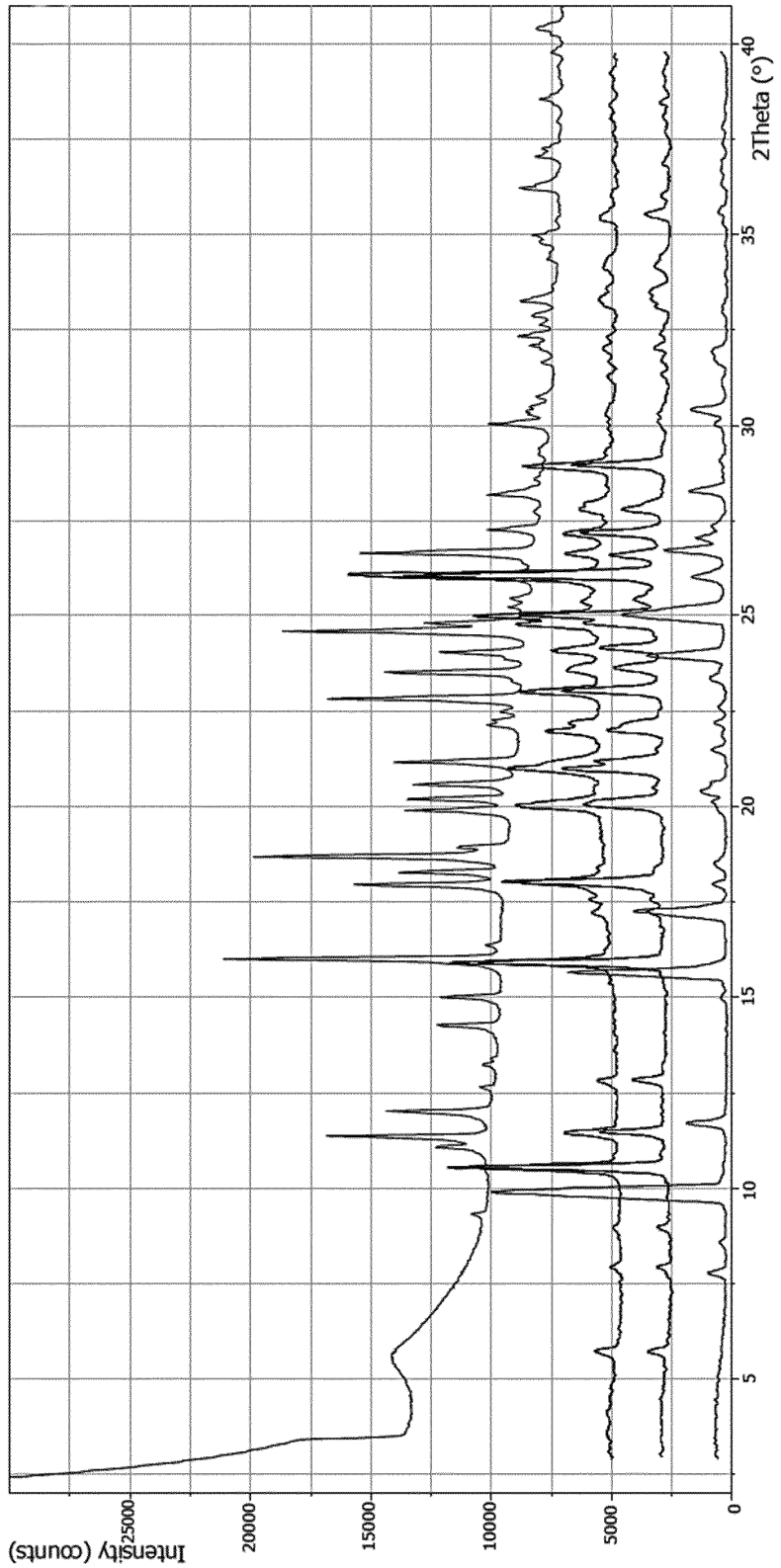

Intensity (counts)
25000
20000
15000
10000
5000
0
5
10
15
20
25
30
35
40
2Theta (°)

Fig.27