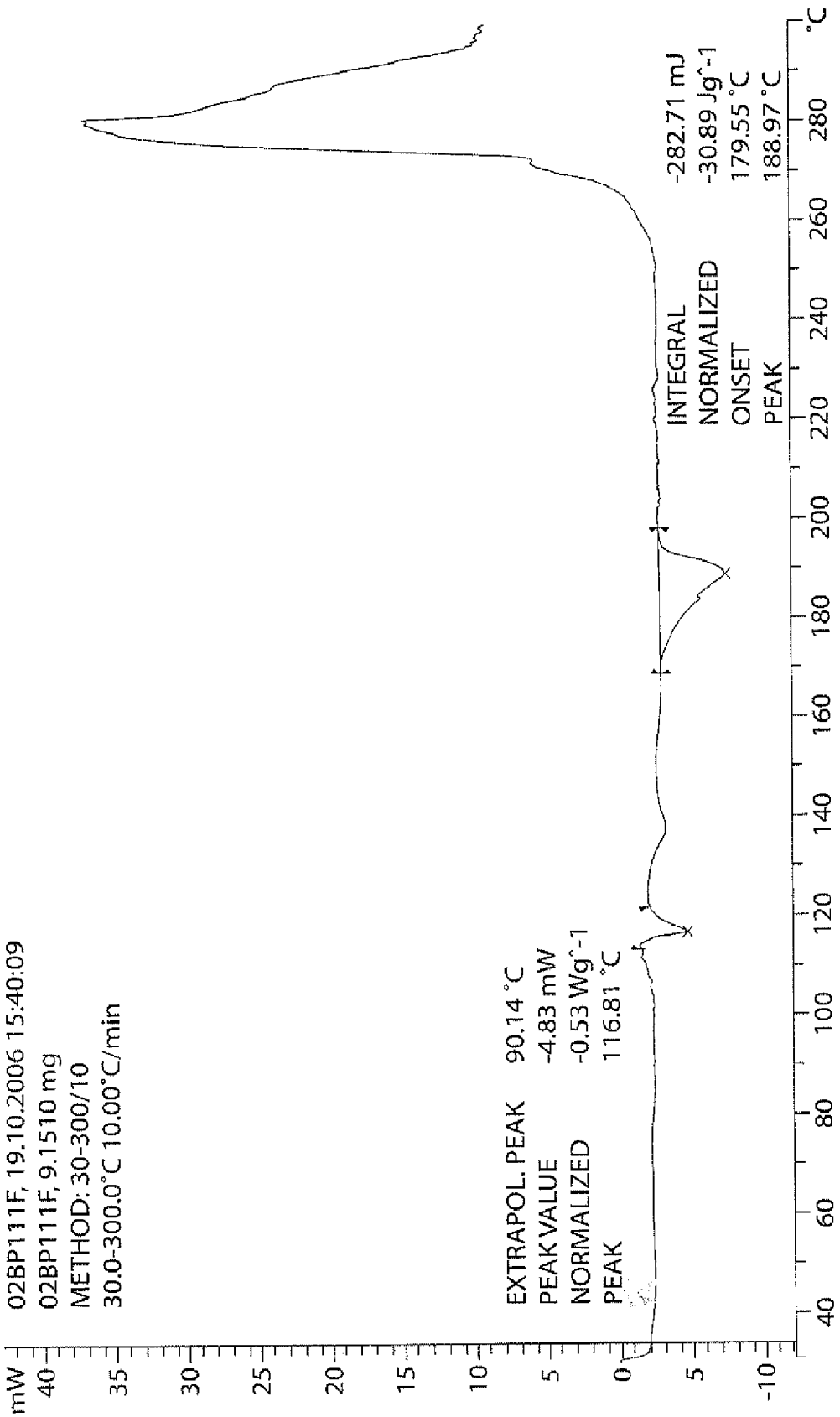

02BP111F, 19.10.2006 15:40:09
02BP111F, 9.1510 mg
METHOD: 30-300/10
30.0-300.0°C 10.00°C/min
mW
°C
EXTRAPOL. PEAK 90.14 °C
PEAK VALUE -4.83 mW
NORMALIZED -0.53 Wg^-1
PEAK 116.81 °C
INTEGRAL -282.71 mJ
NORMALIZED -30.89 Jg^-1
ONSET 179.55 °C
PEAK 188.97 °C

Fig. 1

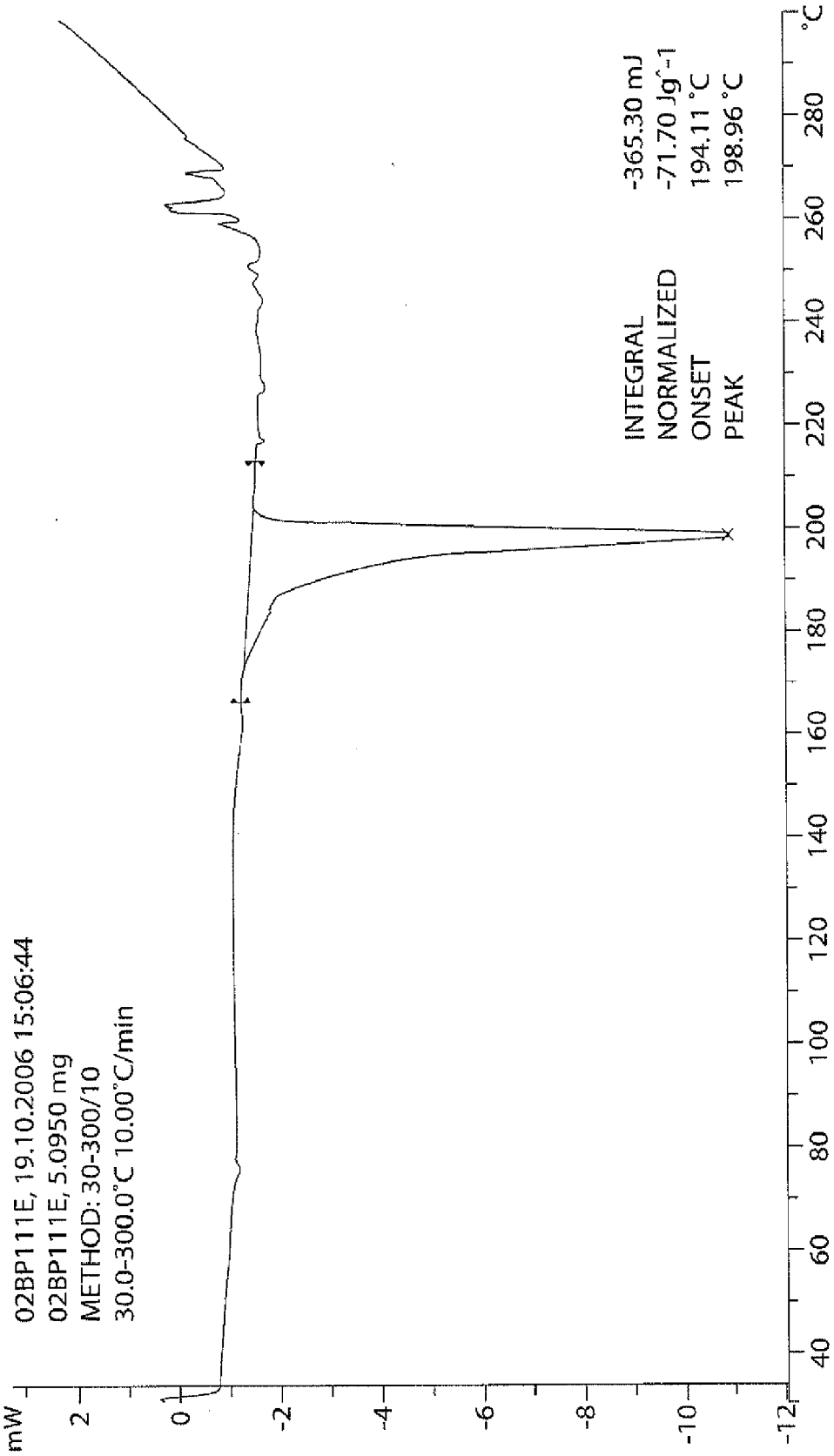

02BP111E, 19.10.2006 15:06:44
02BP111E, 5.0950 mg
METHOD: 30-300/10
30.0-300.0°C 10.00°C/min
mW
2
0
-2
-4
-6
-8
-10
-12
40
60
80
100
120
140
160
180
200
220
240
260
280
°C
INTEGRAL
NORMALIZED
ONSET
PEAK
-365.30 mJ
-71.70 Jg^-1
194.11 °C
198.96 °C

Fig. 2

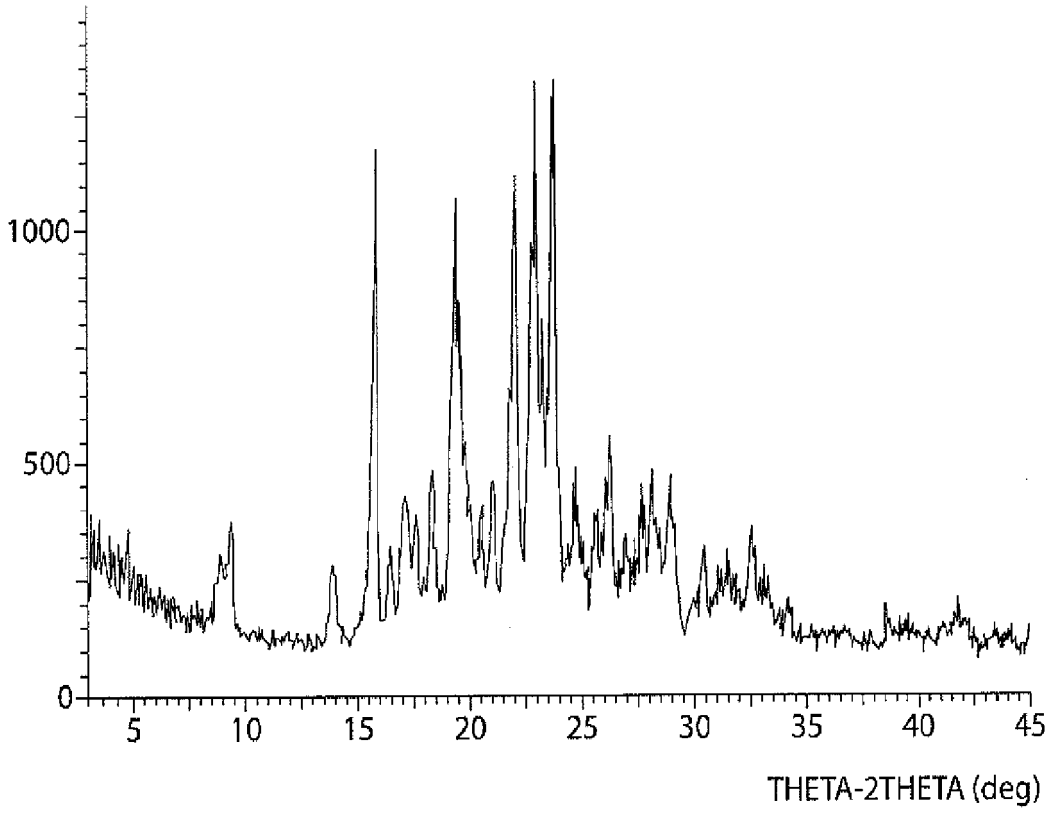

1000
500
0
5
10
15
20
25
30
35
40
45
THETA-2THETA (deg)

Fig. 3

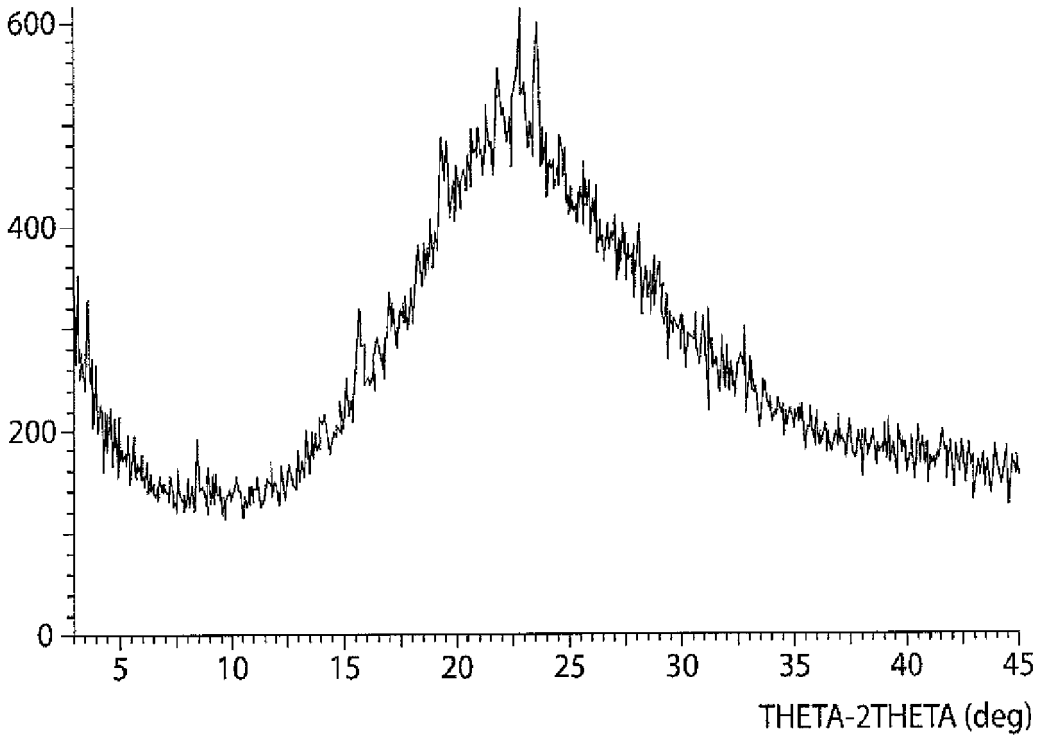
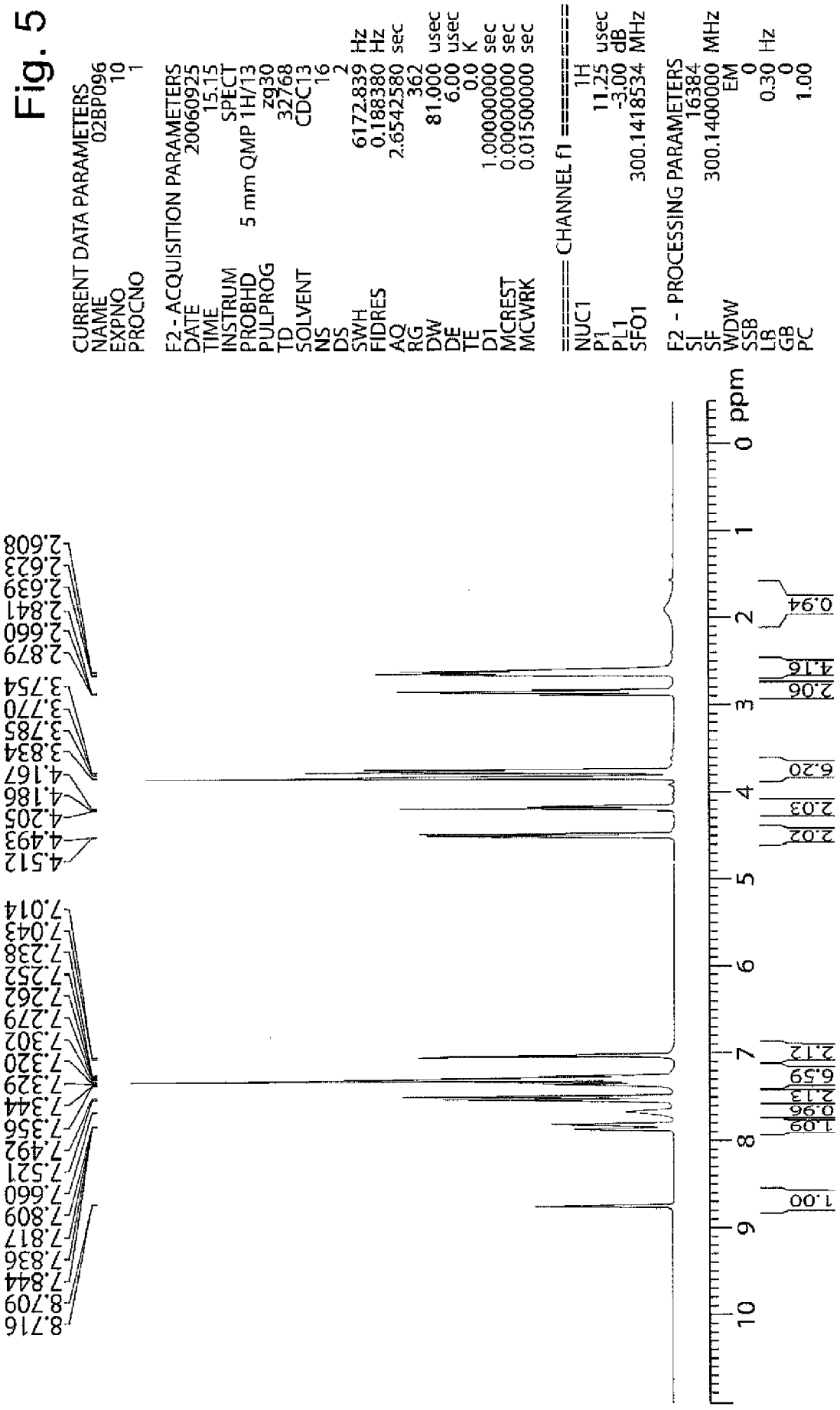

600
400
200
0
5
10
15
20
25
30
35
40
45
THETA-2THETA (deg)

Fig. 4

Fig. 5


CURRENT DATA PARAMETERS
NAME 02BP096
EXPNO 10
PROCNO 1
F2 - ACQUISITION PARAMETERS
DATE 20060925
TIME 15.15
INSTRUM SPECT
PROBHD 5 mm QMP 1H/13
PULPROG zg30
TD 32768
SOLVENT CDC13
NS 16
DS 2
SWH 6172.839 Hz
FIDRES 0.188380 Hz
AQ 2.65425880 sec
RG 362
DW 81.000 usec
DE 6.00 usec
TE 0.0 K
D1 1.00000000 sec
MCREST 0.00000000 sec
MCWRK 0.01500000 sec
======== CHANNEL f1 ========
NUC1 1H
P1 11.25 usec
PL1 -3.00 dB
SFO1 300.1418534 MHz
F2 - PROCESSING PARAMETERS
SI 16384
SF 300.1400000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00
8.716
8.709
7.844
7.836
7.817
7.809
7.660
7.521
7.492
7.356
7.344
7.329
7.320
7.302
7.279
7.262
7.252
7.238
7.043
7.014
4.512
4.493
4.205
4.186
4.167
3.834
3.785
3.770
3.754
2.879
2.660
2.841
2.639
2.623
2.608
0.94
4.16
2.06
6.20
2.03
2.02
2.12
6.59
2.13
0.96
1.09
1.00
0 ppm

^{1}H NMR OF KX2-391 MESYLATE SALT

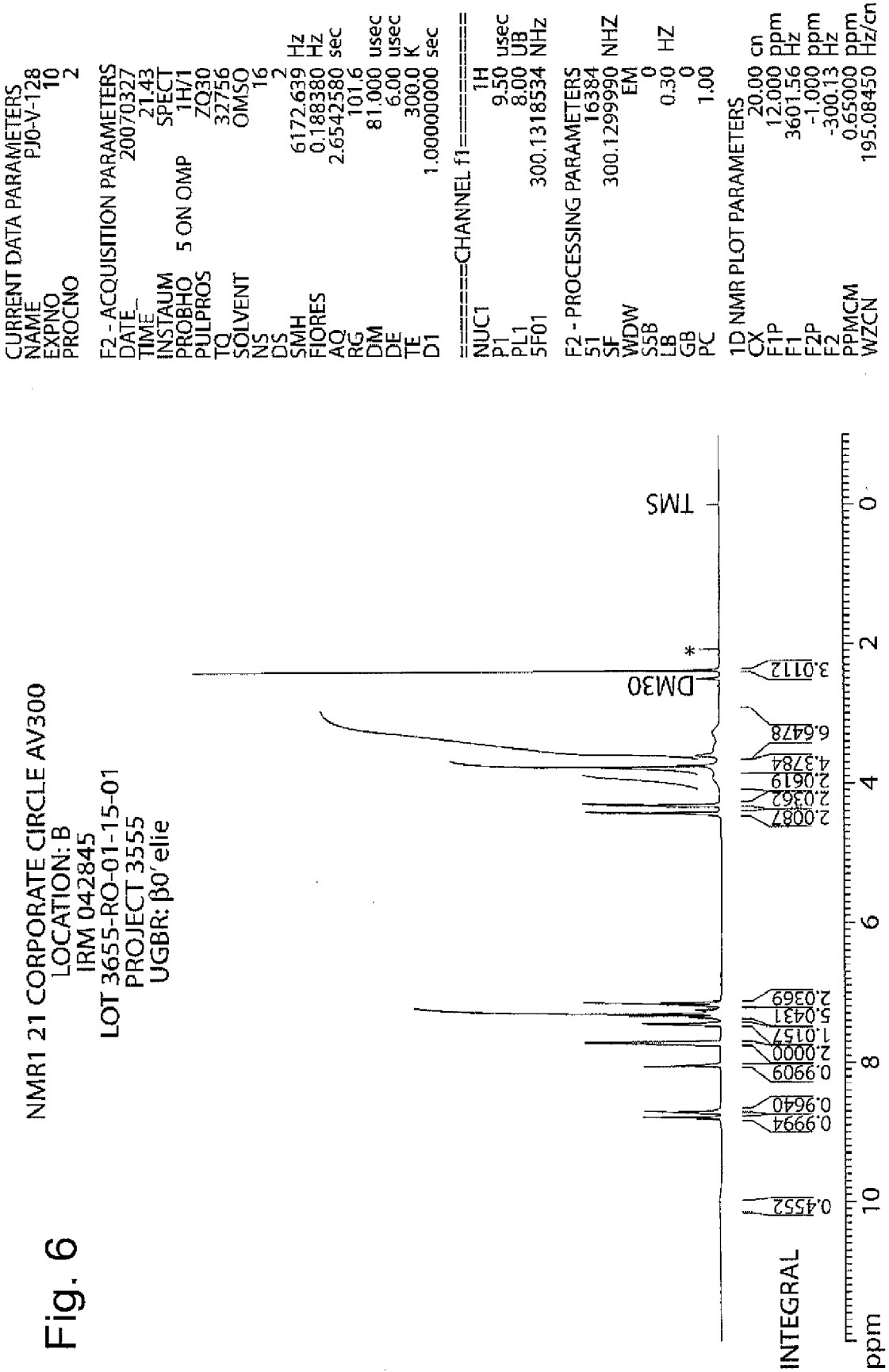


Fig. 6

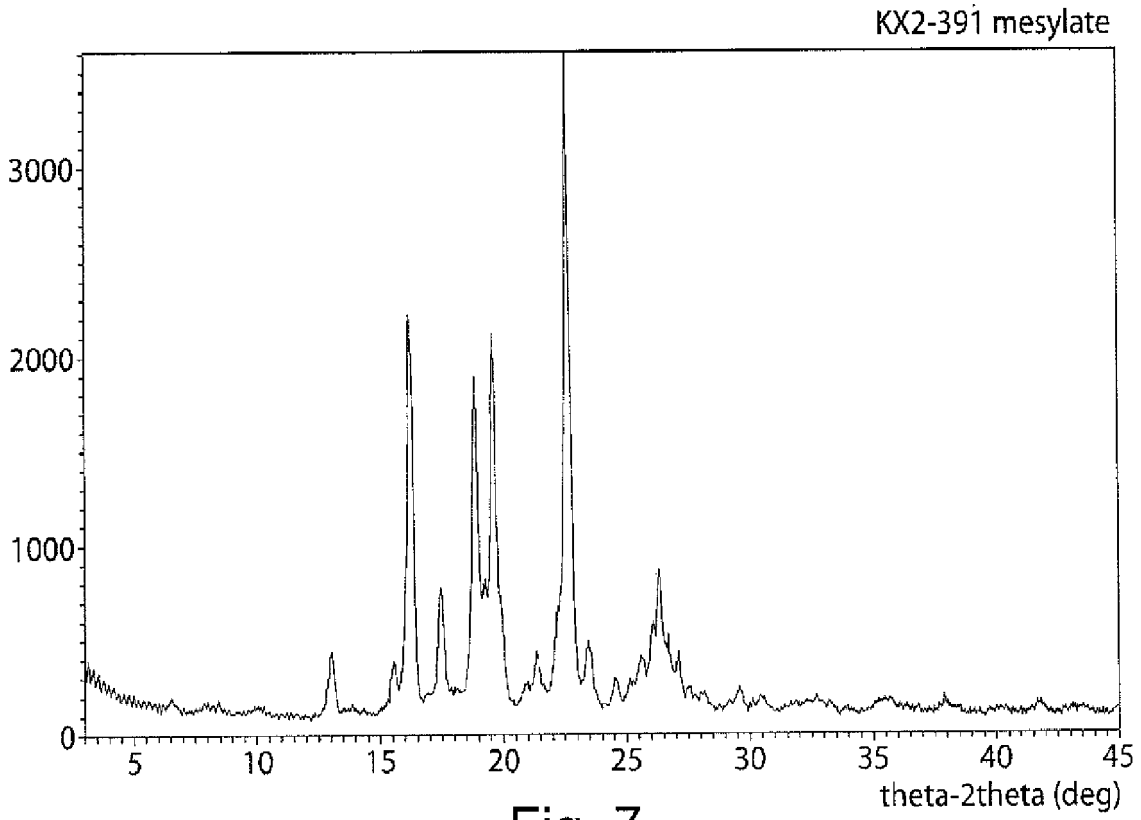

KX2-391 mesylate
3000
2000
1000
0
5
10
15
20
25
30
35
40
45
theta-2theta (deg)

Fig. 7

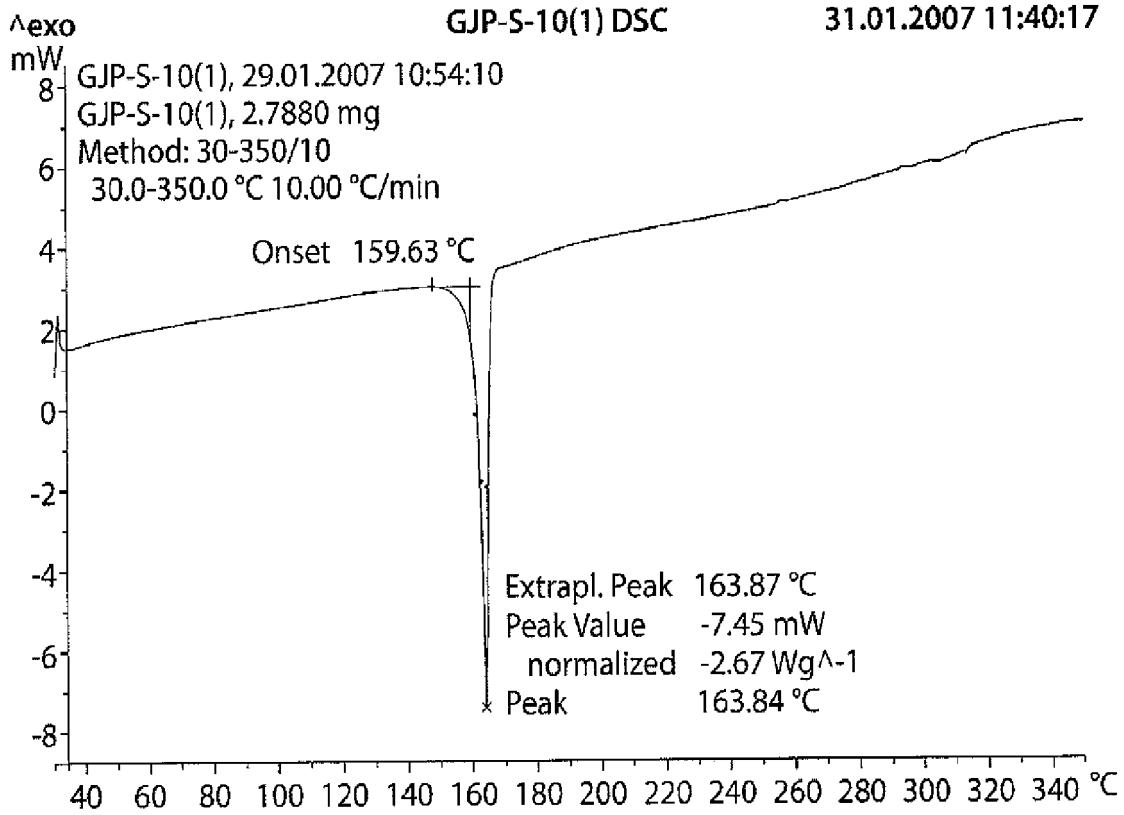

^exo
mW
GJP-S-10(1) DSC
31.01.2007 11:40:17
GJP-S-10(1), 29.01.2007 10:54:10
GJP-S-10(1), 2.7880 mg
Method: 30-350/10
30.0-350.0 °C 10.00 °C/min
Onset 159.63 °C
Extrapl. Peak 163.87 °C
Peak Value -7.45 mW
normalized -2.67 Wg^-1
Peak 163.84 °C
8
6
4
2
0
-2
-4
-6
-8
40
60
80
100
120
140
160
180
200
220
240
260
280
300
320
340
°C

Fig. 8

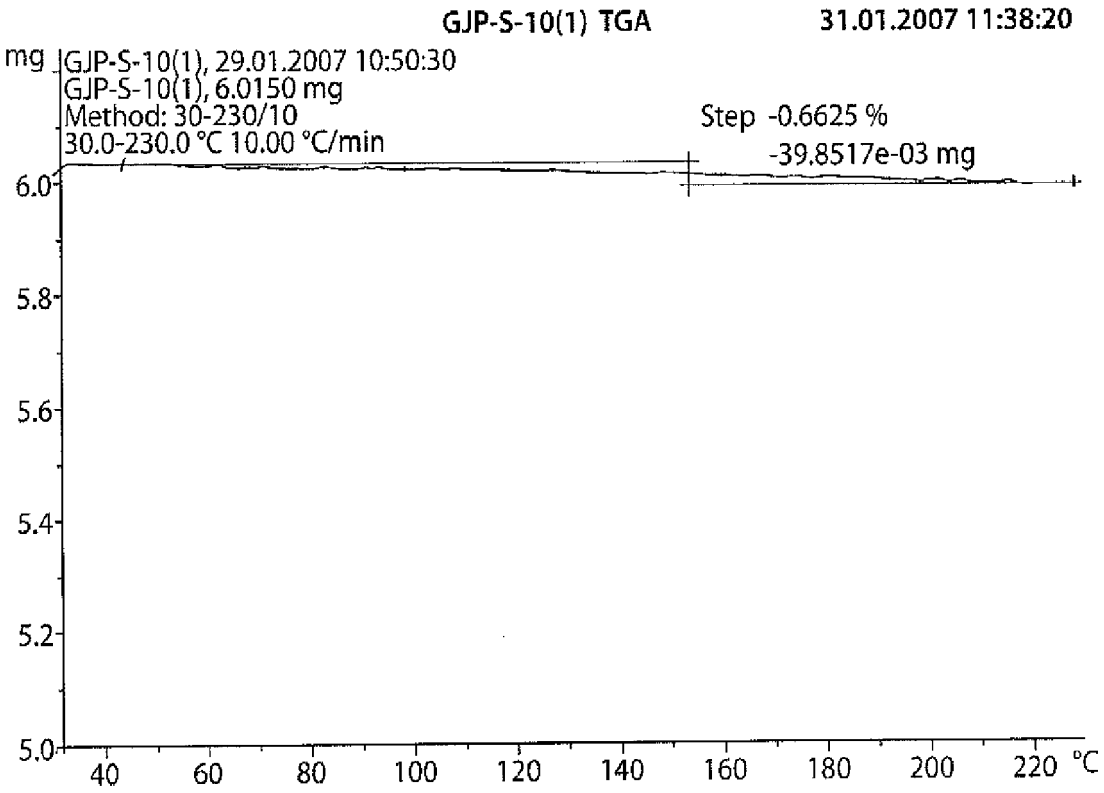

GJP-S-10(1) TGA
31.01.2007 11:38:20
mg
GJP-S-10(1), 29.01.2007 10:50:30
GJP-S-10(1), 6.0150 mg
Method: 30-230/10
30.0-230.0 °C 10.00 °C/min
Step -0.6625 %
-39.8517e-03 mg
6.0
5.8
5.6
5.4
5.2
5.0
40
60
80
100
120
140
160
180
200
220 °C

Fig. 9

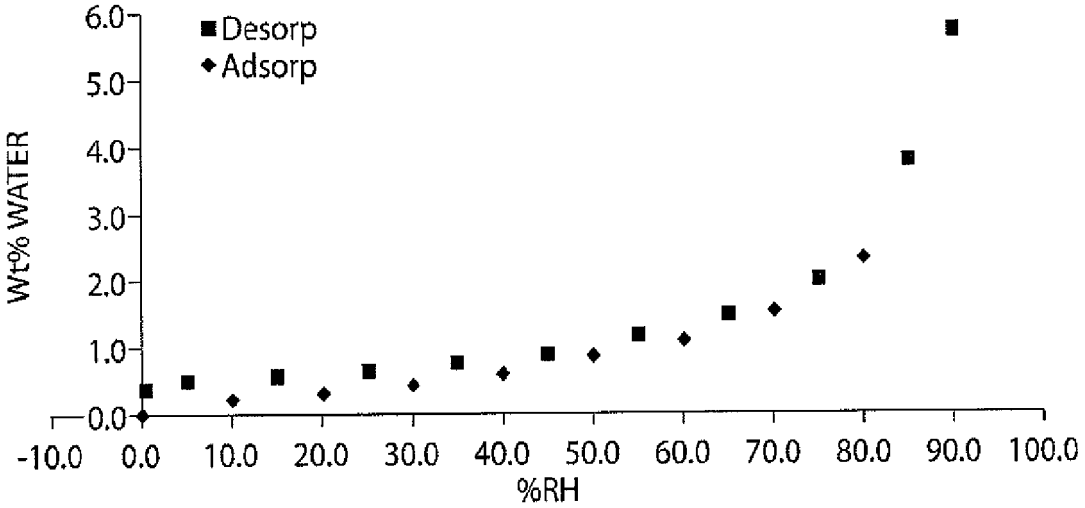

Desorp
Adsorp
Wt% WATER
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-10.0
0.0
10.0
20.0
30.0
40.0
50.0
60.0
70.0
80.0
90.0
100.0
%RH

Fig. 10

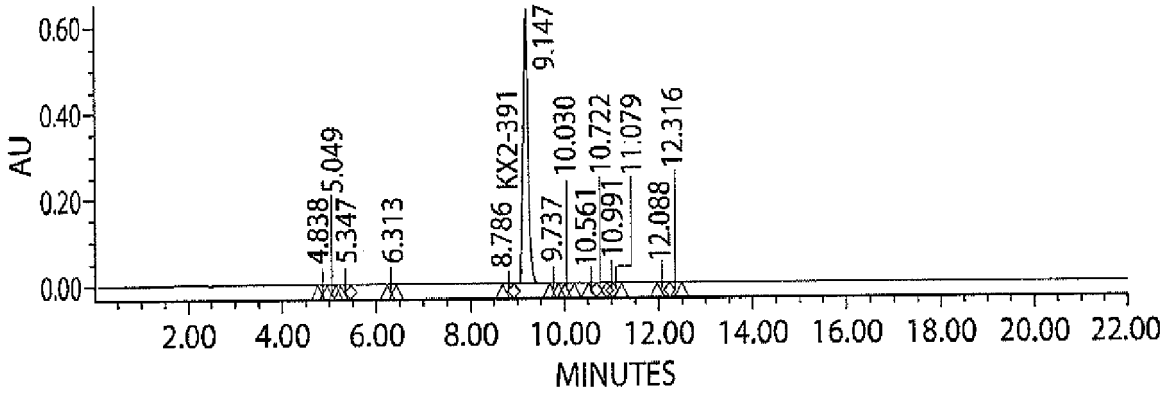

AU
0.60
0.40
0.20
0.00
4.838
5.049
5.347
6.313
8.786
KX2-391
9.147
9.737
10.030
10.561
10.722
10.991
11.079
12.088
12.316
2.00
4.00
6.00
8.00
10.00
12.00
14.00
16.00
18.00
20.00
22.00
MINUTES

Fig. 11

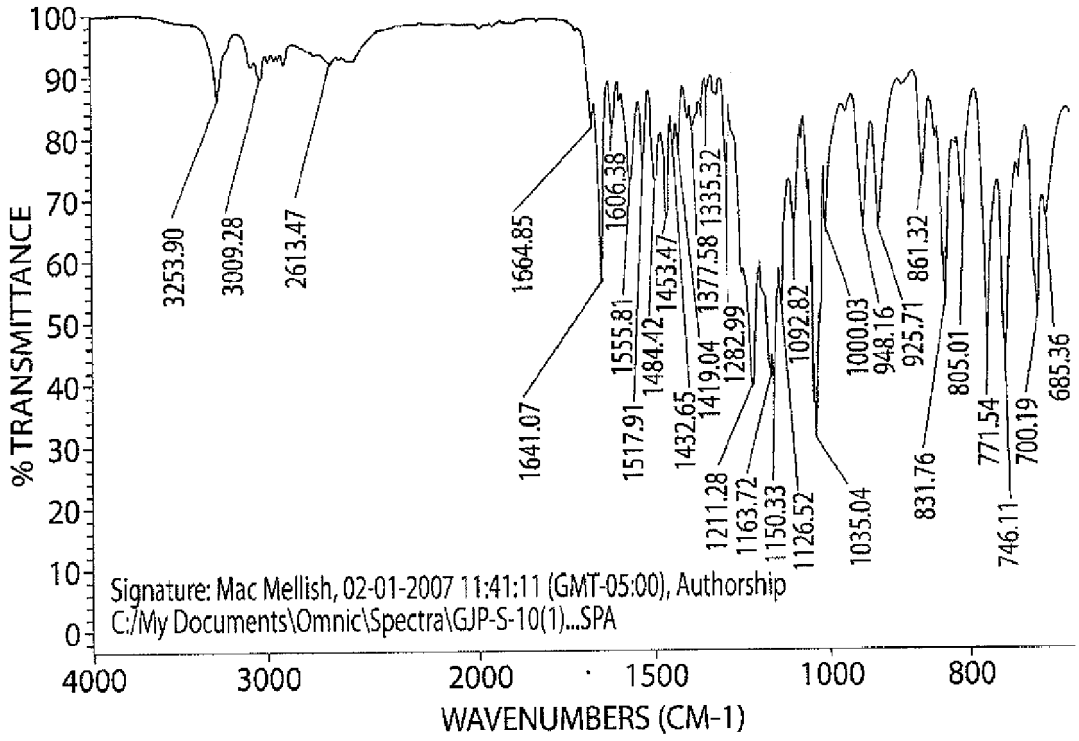

% TRANSMITTANCE
100
90
80
70
60
50
40
30
20
10
0
3253.90
3009.28
2613.47
1664.85
1641.07
1606.38
1555.81
1517.91
1484.42
1453.47
1432.65
1419.04
1377.58
1335.32
1282.99
1211.28
1163.72
1150.33
1126.52
1092.82
1035.04
1000.03
948.16
925.71
861.32
831.76
805.01
771.54
746.11
700.19
685.36
Signature: Mac Mellish, 02-01-2007 11:41:11 (GMT-05:00), Authorship
C:/My Documents\Omnic\Spectra\GJP-S-10(1)...SPA
4000
3000
2000
1500
1000
800
WAVENUMBERS (CM-1)

Fig. 12

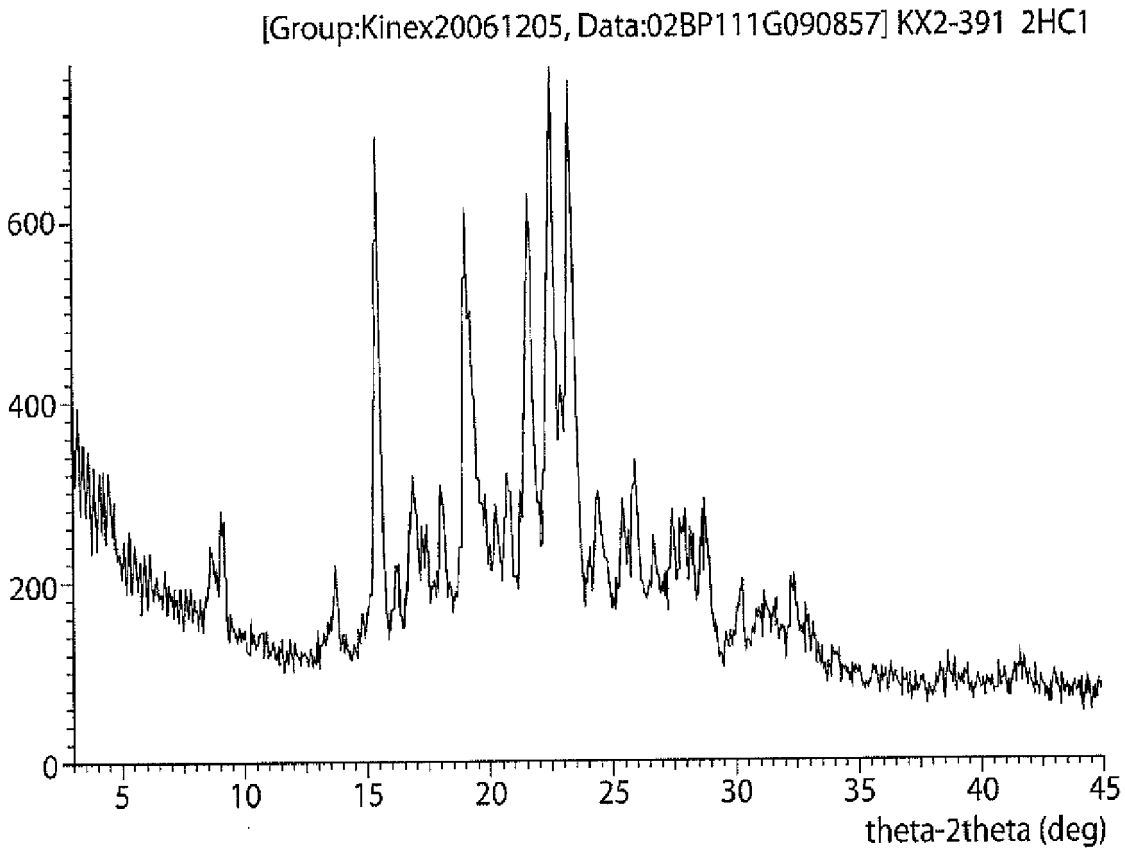

[Group:Kinex20061205, Data:02BP111G090857] KX2-391 2HC1
600
400
200
0
5
10
15
20
25
30
35
40
45
theta-2theta (deg)

Fig. 13

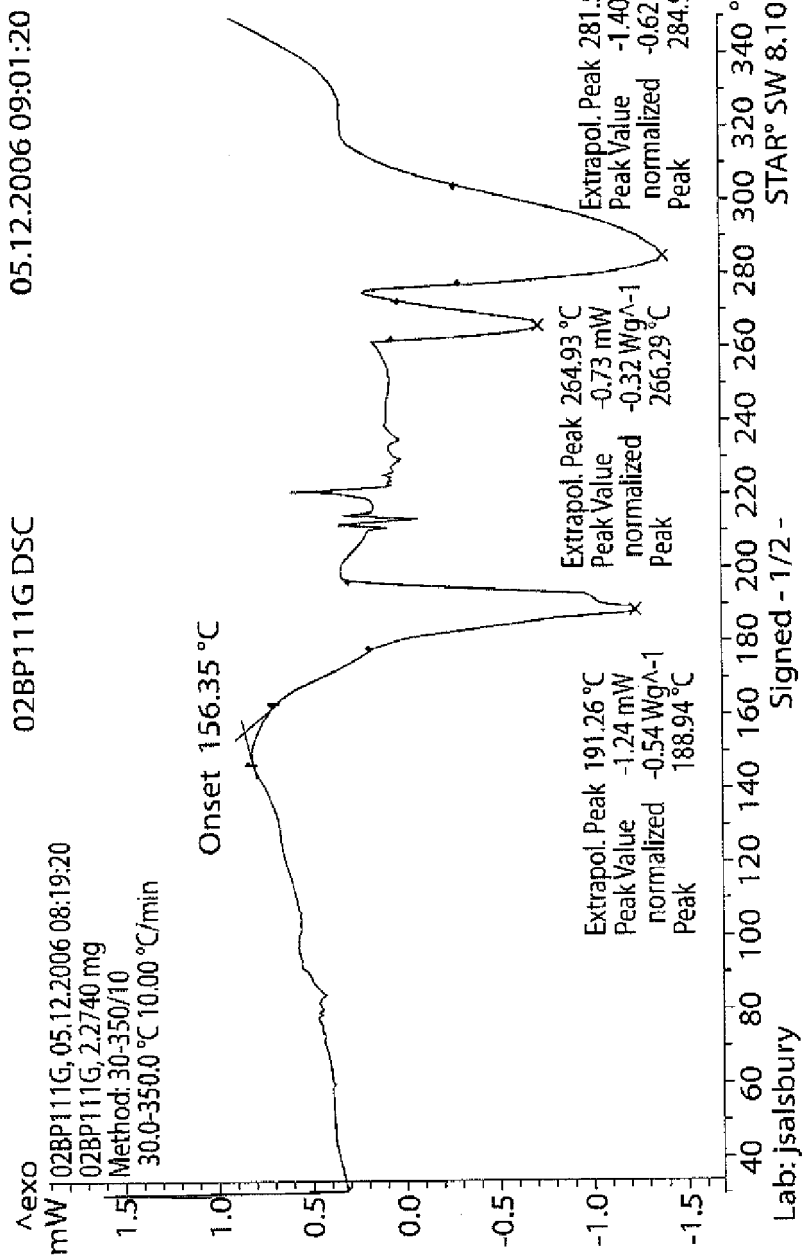

^exo
mW
02BP111G, 05.12.2006 08:19:20
02BP111G, 2.2740 mg
Method: 30-350/10
30.0-350.0 °C 10.00 °C/min
02BP111G DSC
05.12.2006 09:01:20
Onset 156.35 °C
Extrapol. Peak 191.26 °C
Peak Value -1.24 mW
normalized -0.54 Wg^-1
Peak 188.94 °C
Extrapol. Peak 264.93 °C
Peak Value -0.73 mW
normalized -0.32 Wg^-1
Peak 266.29 °C
Extrapol. Peak 281.55 °C
Peak Value -1.40 mW
normalized -0.62 Wg^-1
Peak 284.92 °C
Lab: jsalsbury
Signed - 1/2 -
STARe SW 8.10

Fig. 14

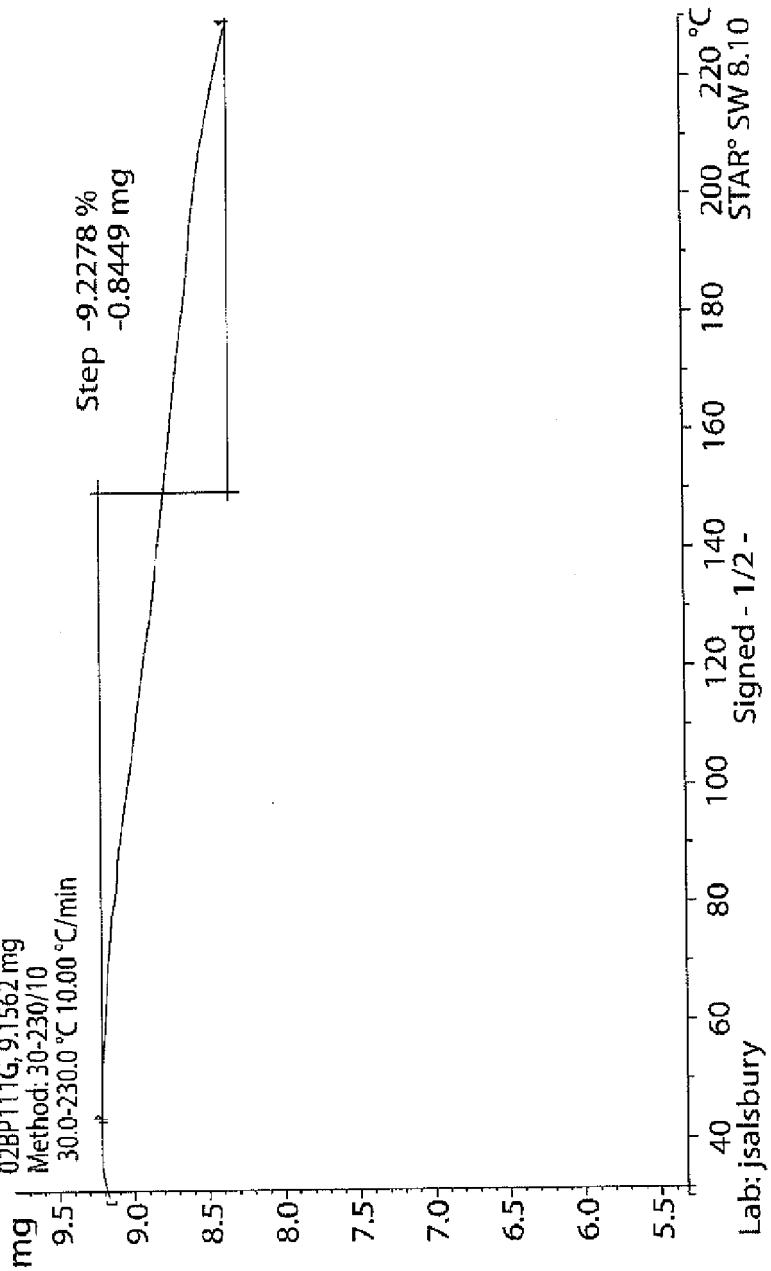

02BP111G, 05.12.2006 09:18:32
02BP111G, 9.1562 mg
Method: 30-230/10
30.0-230.0 °C 10.00 °C/min
02BP111G TGA
05.12.2006 09:30:28
Step -9.2278 %
-0.8449 mg
mg
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
40
60
80
100
120
140
160
180
200
220 °C
Lab: jsalsbury
Signed - 1/2 -
STAR° SW 8.10

Fig. 15

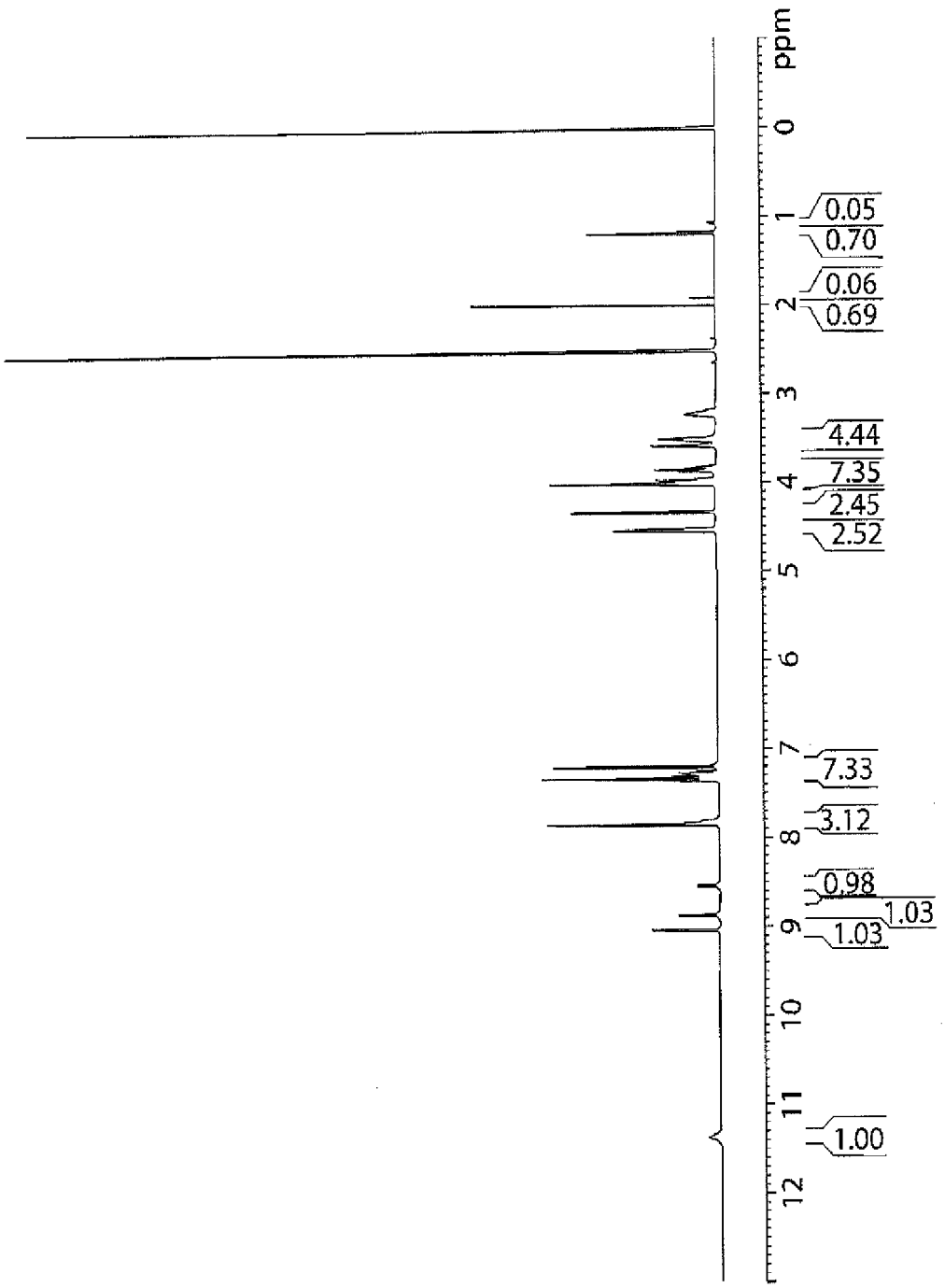

ppm
0
1
2
3
4
5
6
7
8
9
10
11
12
0.05
0.70
0.06
0.69
4.44
7.35
2.45
2.52
7.33
3.12
0.98
1.03
1.03
1.00

Fig. 16

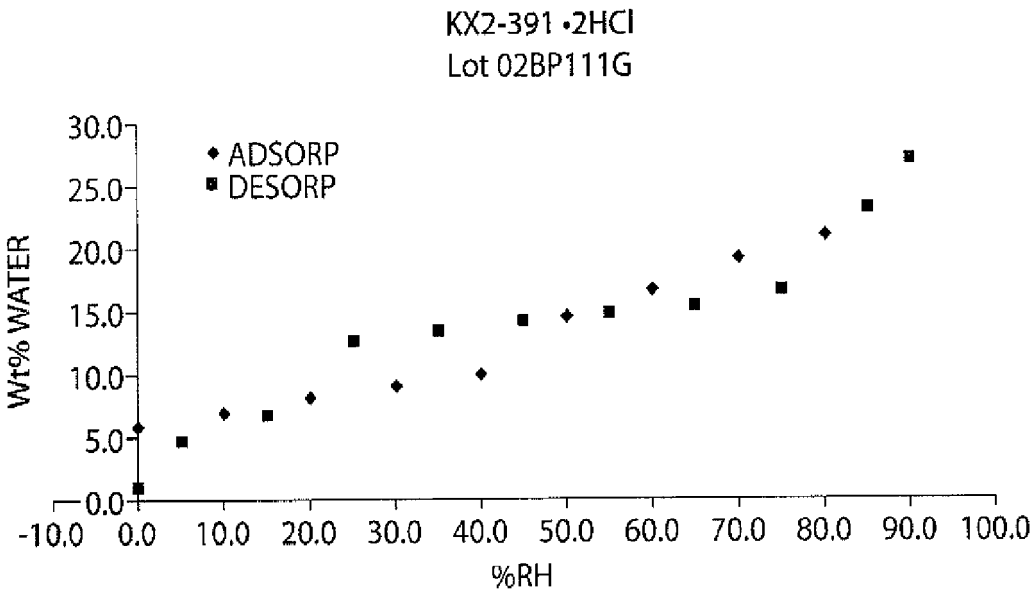

KX2-391 •2HCl
Lot 02BP111G
ADSORP
DESORP
Wt% WATER
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-10.0
0.0
10.0
20.0
30.0
40.0
50.0
60.0
70.0
80.0
90.0
100.0
%RH

Fig. 17

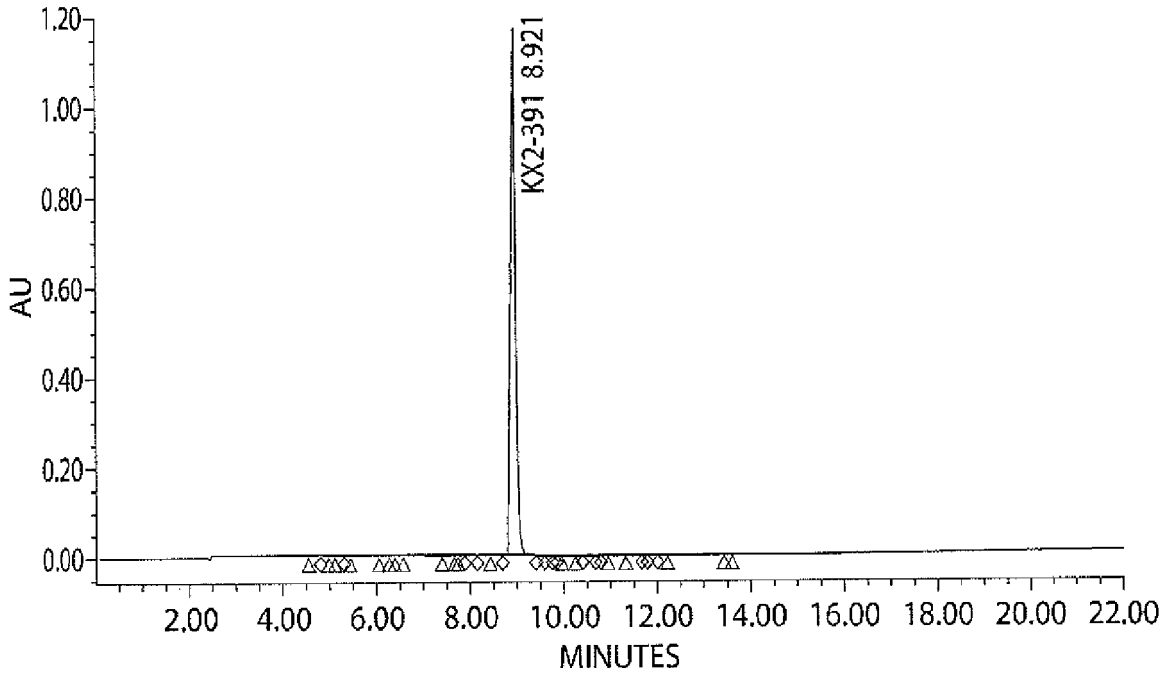

KX2-391 8.921
AU
1.20
1.00
0.80
0.60
0.40
0.20
0.00
2.00
4.00
6.00
8.00
10.00
12.00
14.00
16.00
18.00
20.00
22.00
MINUTES

Fig. 18

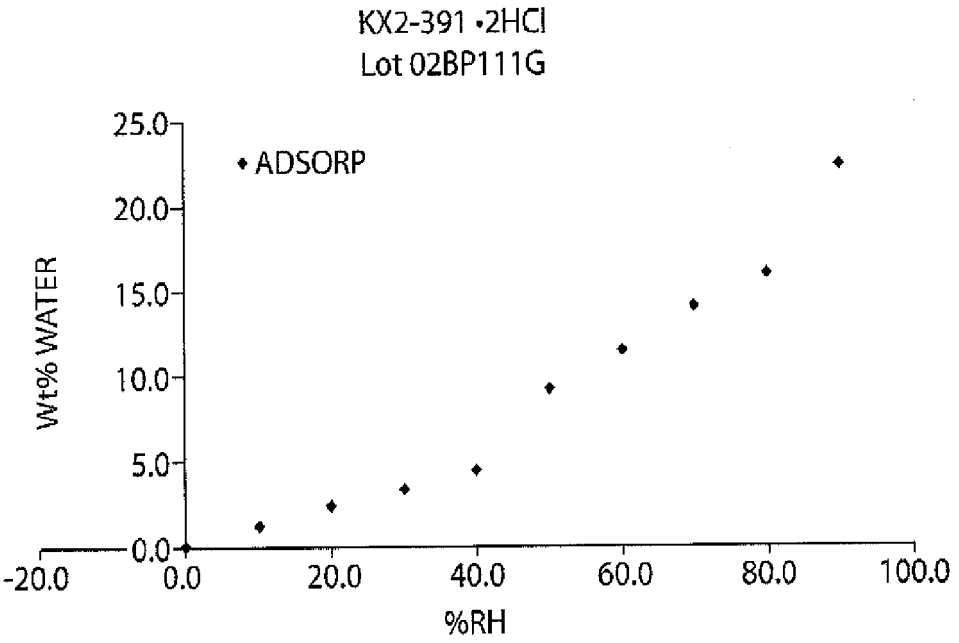

KX2-391 •2HCl
Lot 02BP111G
ADSORP
Wt% WATER
25.0
20.0
15.0
10.0
5.0
0.0
-20.0
0.0
20.0
40.0
60.0
80.0
100.0
%RH

Fig. 19

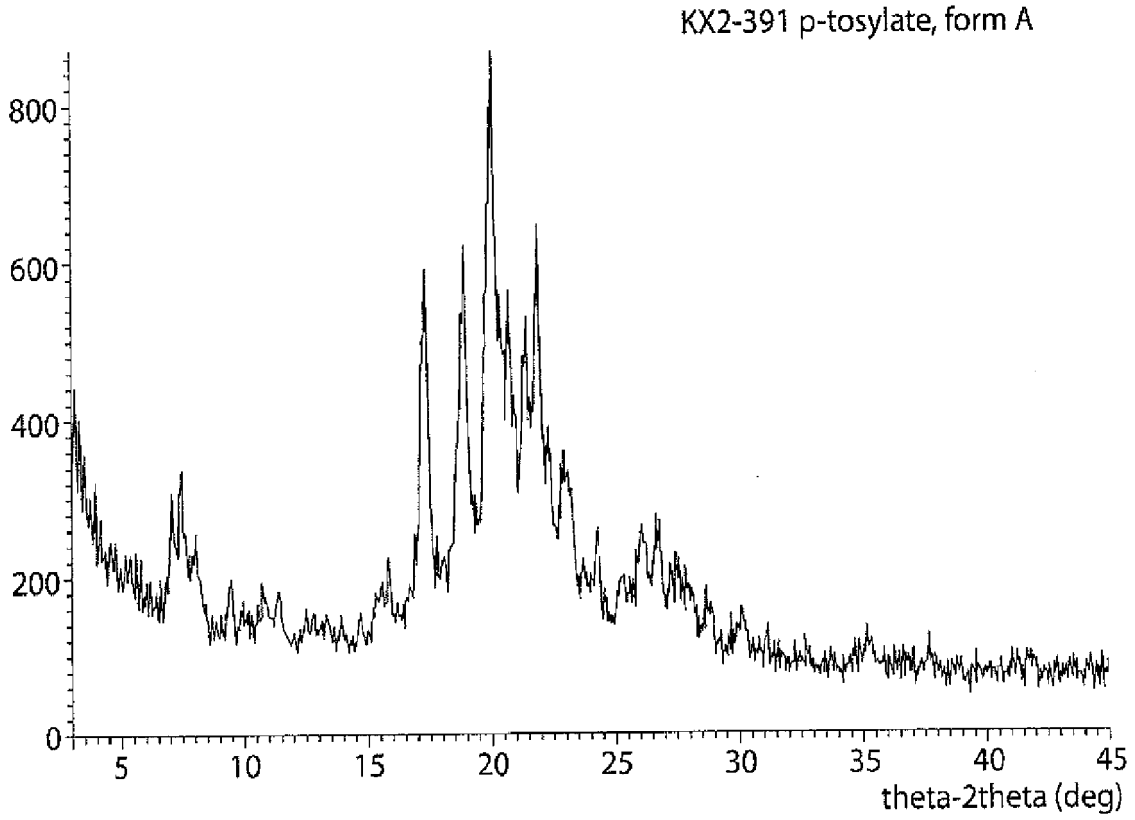

KX2-391 p-tosylate, form A
800
600
400
200
0
5
10
15
20
25
30
35
40
45
theta-2theta (deg)

Fig. 20

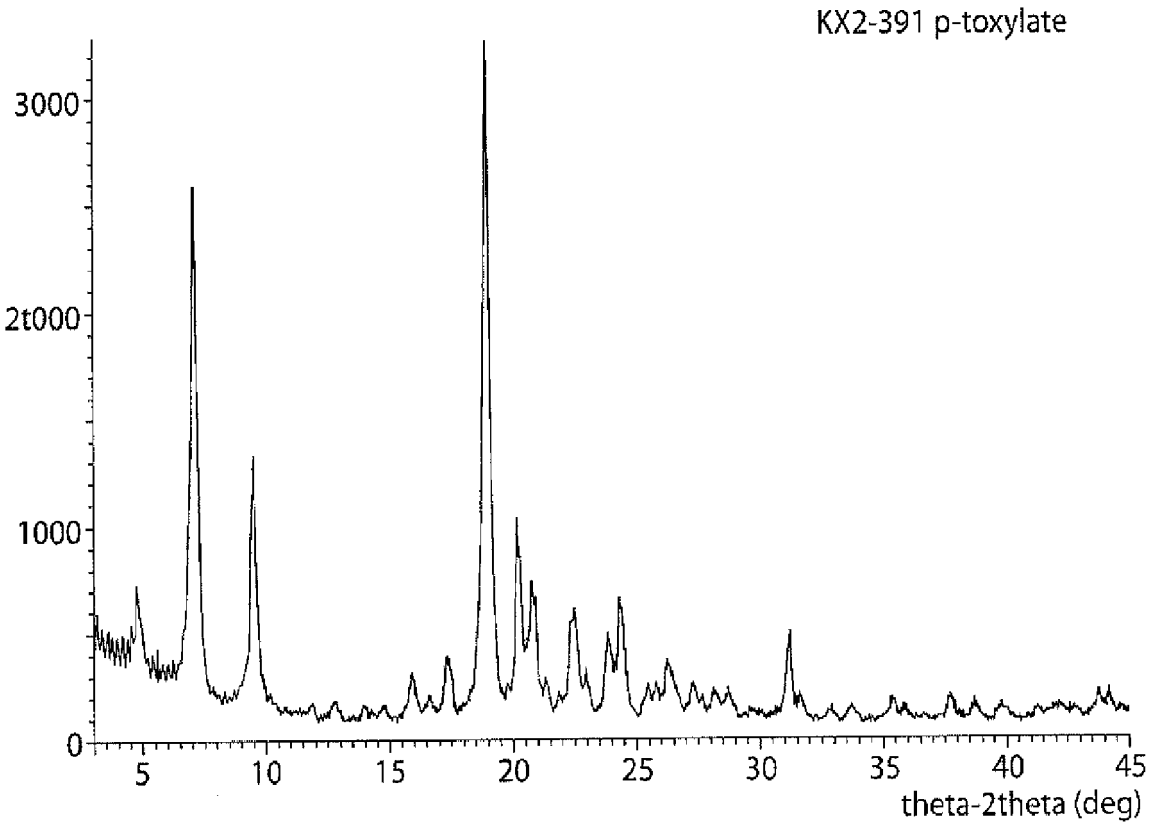

KX2-391 p-toxylate
3000
2t000
1000
0
5
10
15
20
25
30
35
40
45
theta-2theta (deg)

Fig. 21

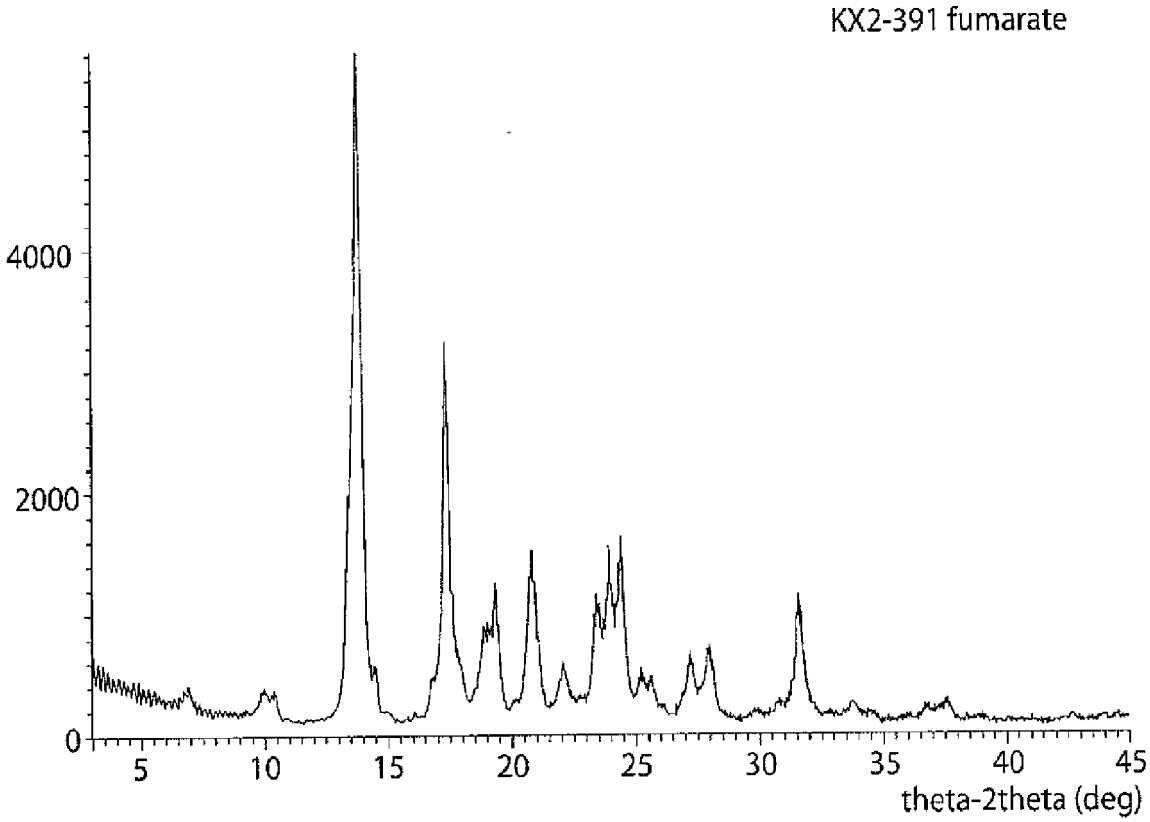

KX2-391 fumarate
4000
2000
0
5
10
15
20
25
30
35
40
45
theta-2theta (deg)

Fig. 22

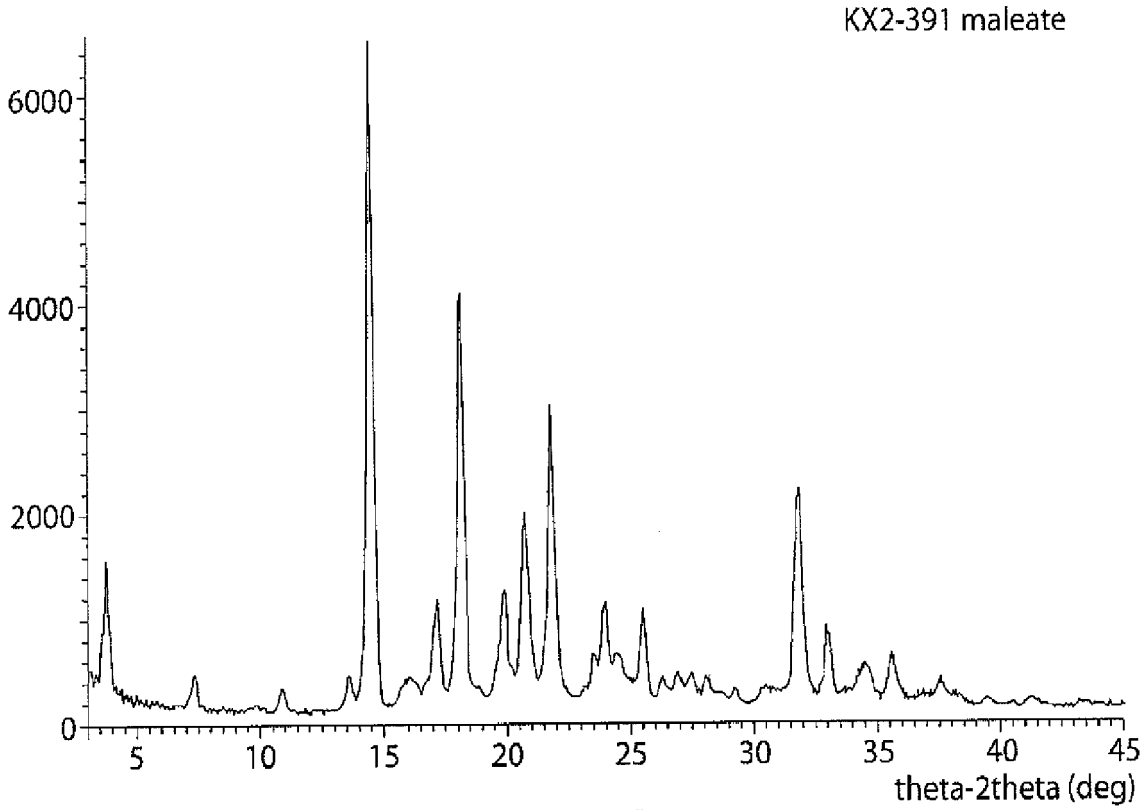

KX2-391 maleate
6000
4000
2000
0
5
10
15
20
25
30
35
40
45
theta-2theta (deg)

Fig. 23

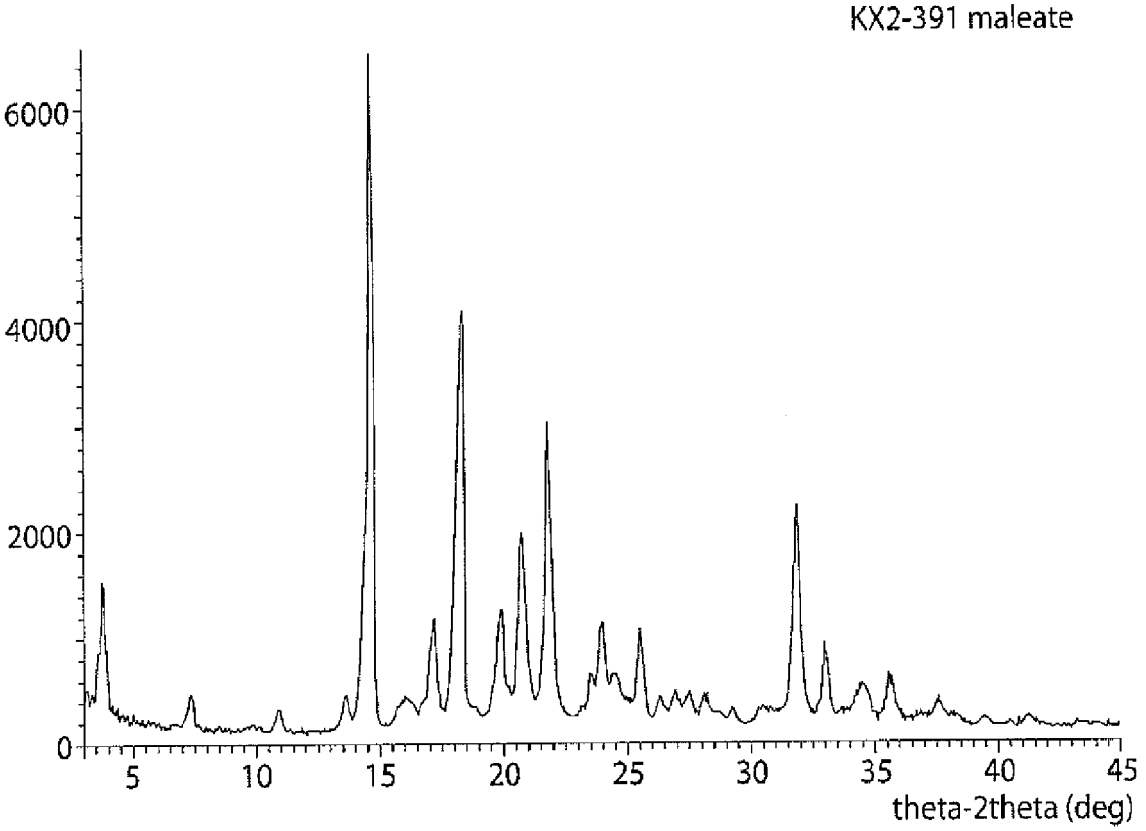

KX2-391 maleate
6000
4000
2000
0
5
10
15
20
25
30
35
40
45
theta-2theta (deg)

Fig. 24

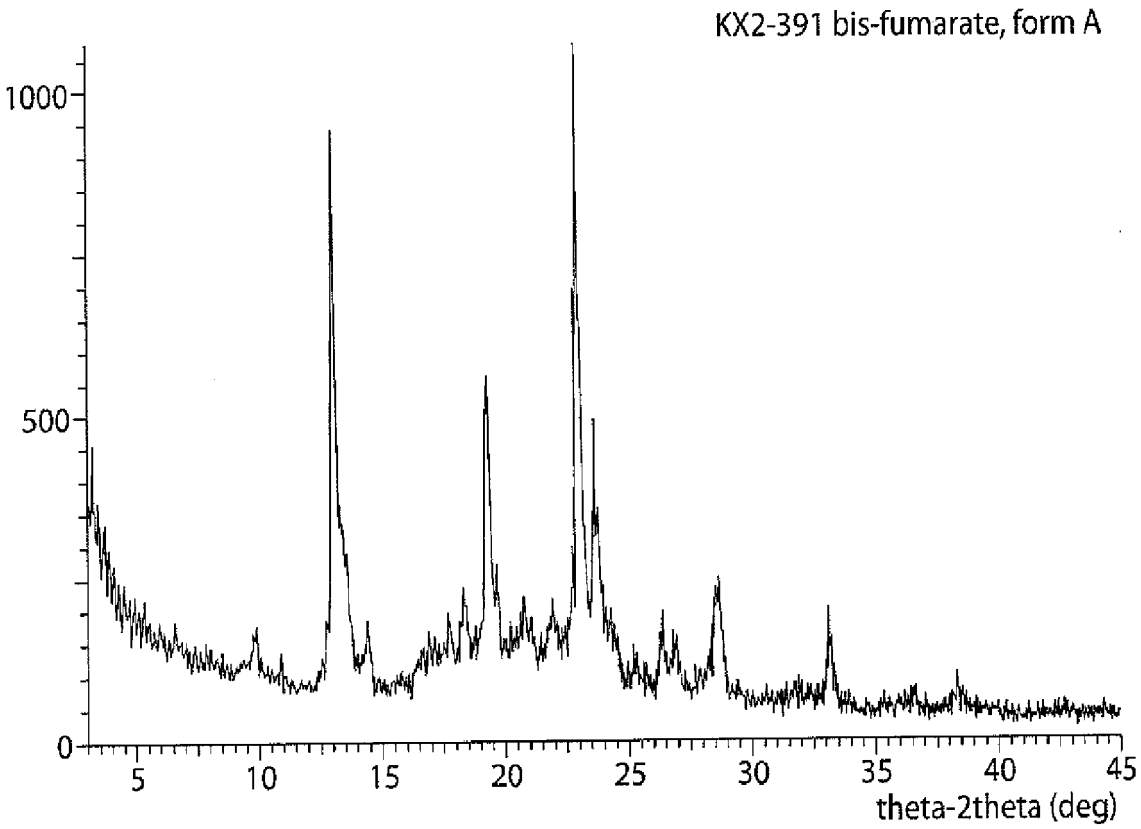

KX2-391 bis-fumarate, form A
1000
500
0
5
10
15
20
25
30
35
40
45
theta-2theta (deg)

Fig. 25

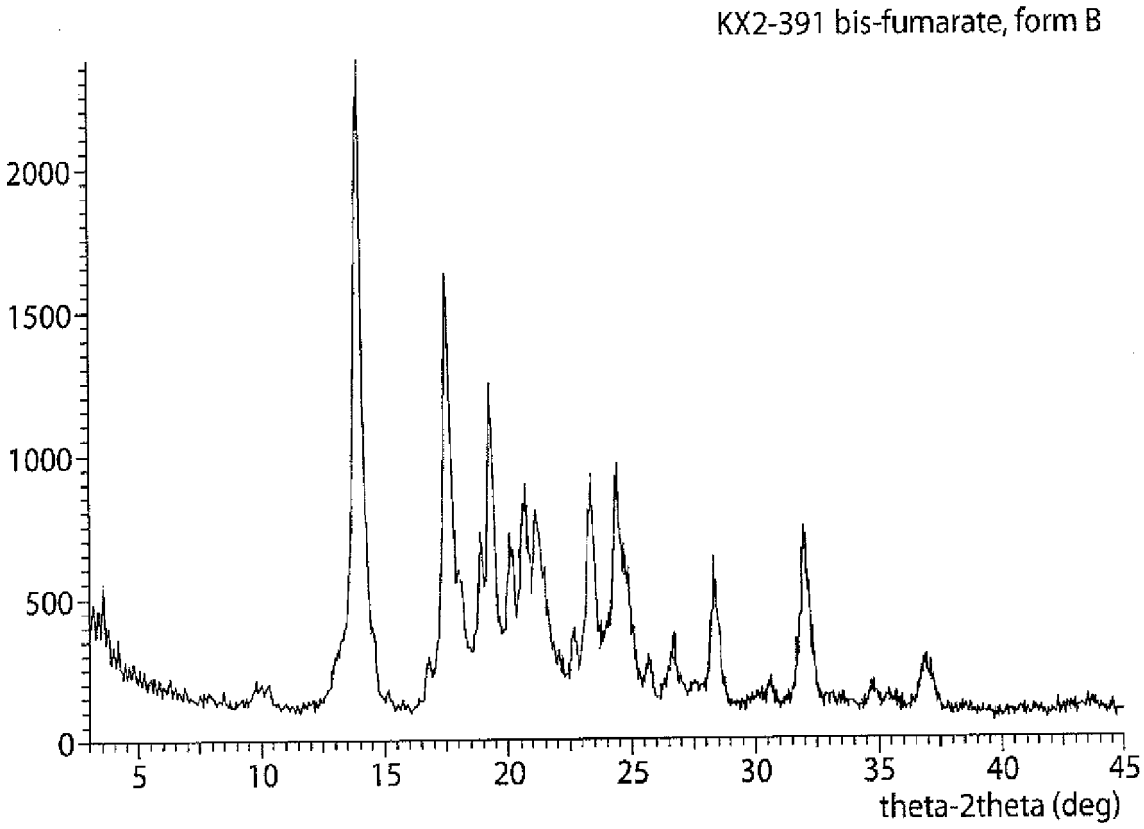

KX2-391 bis-fumarate, form B
2000
1500
1000
500
0
5
10
15
20
25
30
35
40
45
theta-2theta (deg)

Fig. 26

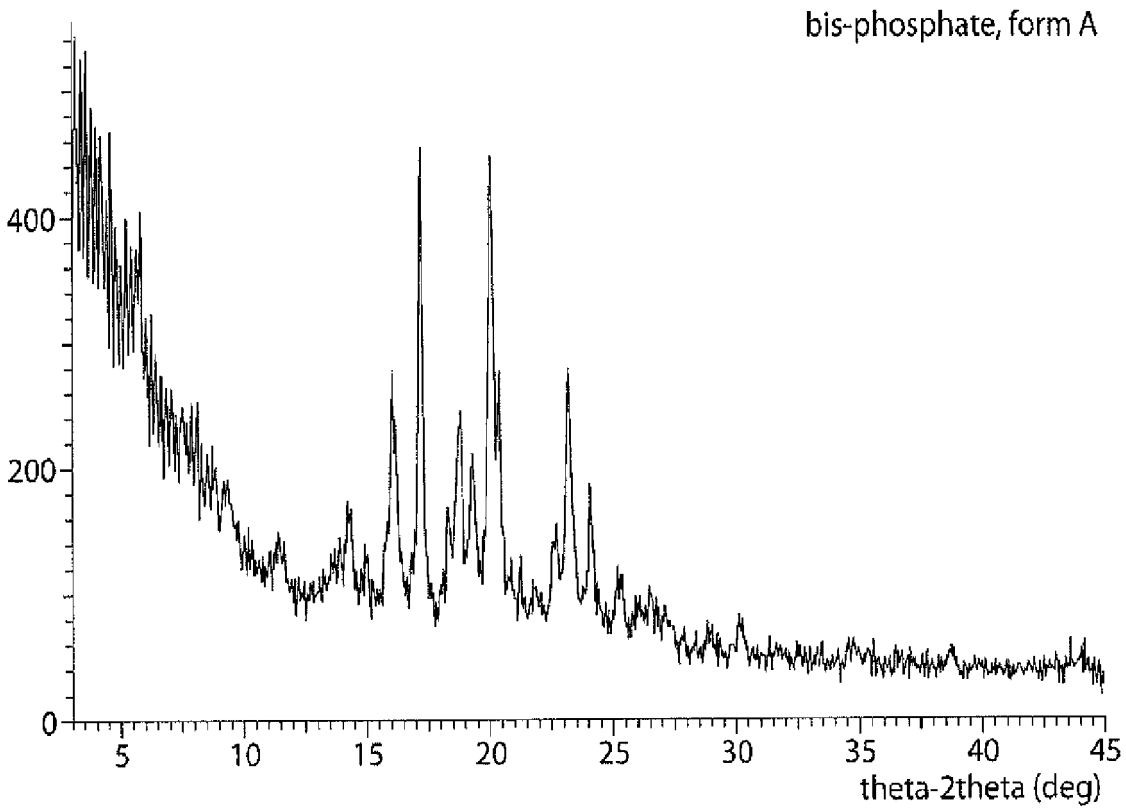

bis-phosphate, form A
400
200
0
5
10
15
20
25
30
35
40
45
theta-2theta (deg)

Fig. 27

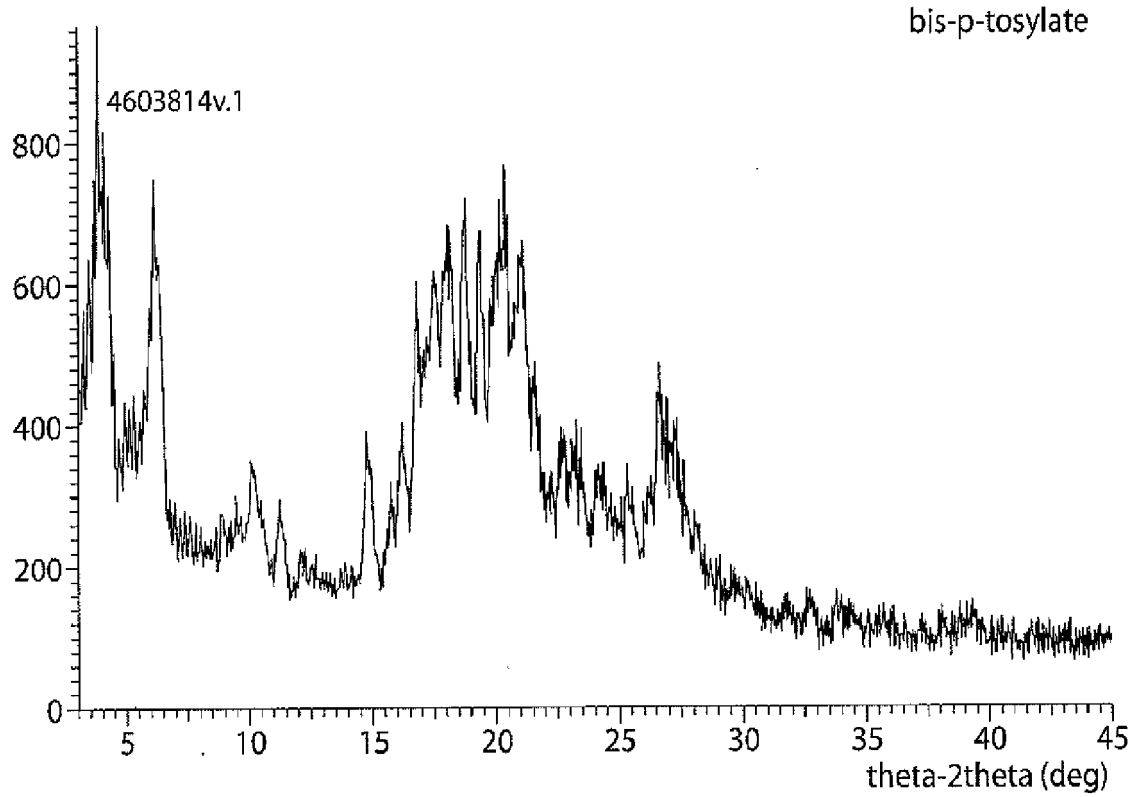

bis-p-tosylate
4603814v.1
800
600
400
200
0
5
10
15
20
25
30
35
40
45
theta-2theta (deg)

Fig. 28