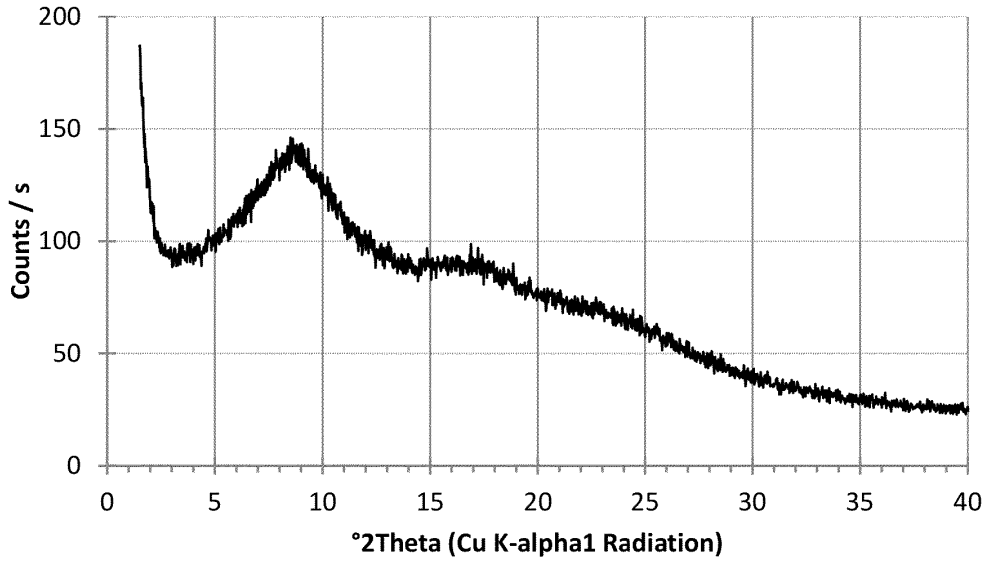

200
150
100
50
0
Counts / s
0
5
10
15
20
25
30
35
40
°2Theta (Cu K-alpha1 Radiation)

Fig. 1

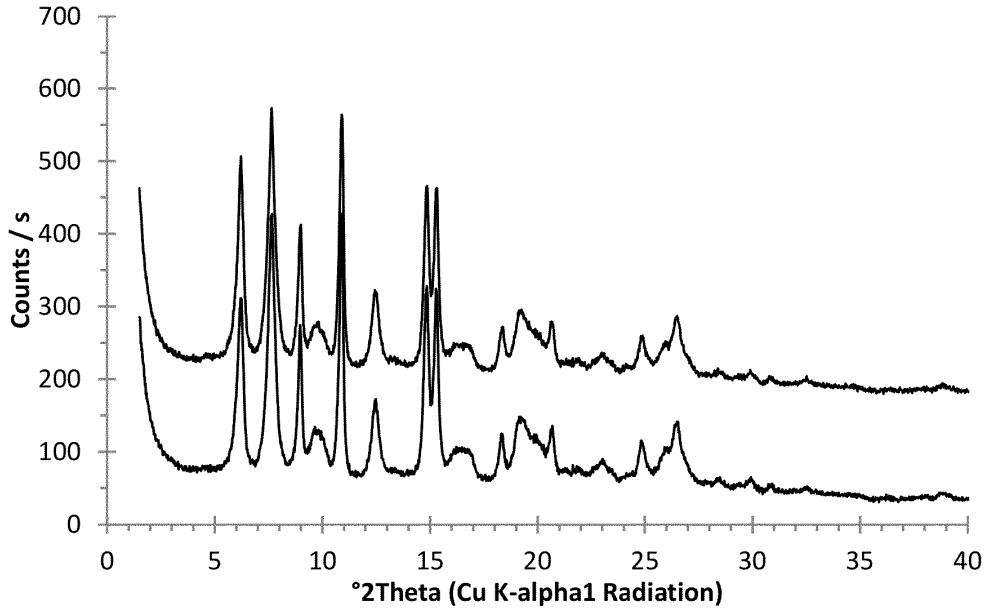

700
600
500
400
300
200
100
0
Counts / s
0
5
10
15
20
25
30
35
40
°2Theta (Cu K-alpha1 Radiation)

Fig. 2a

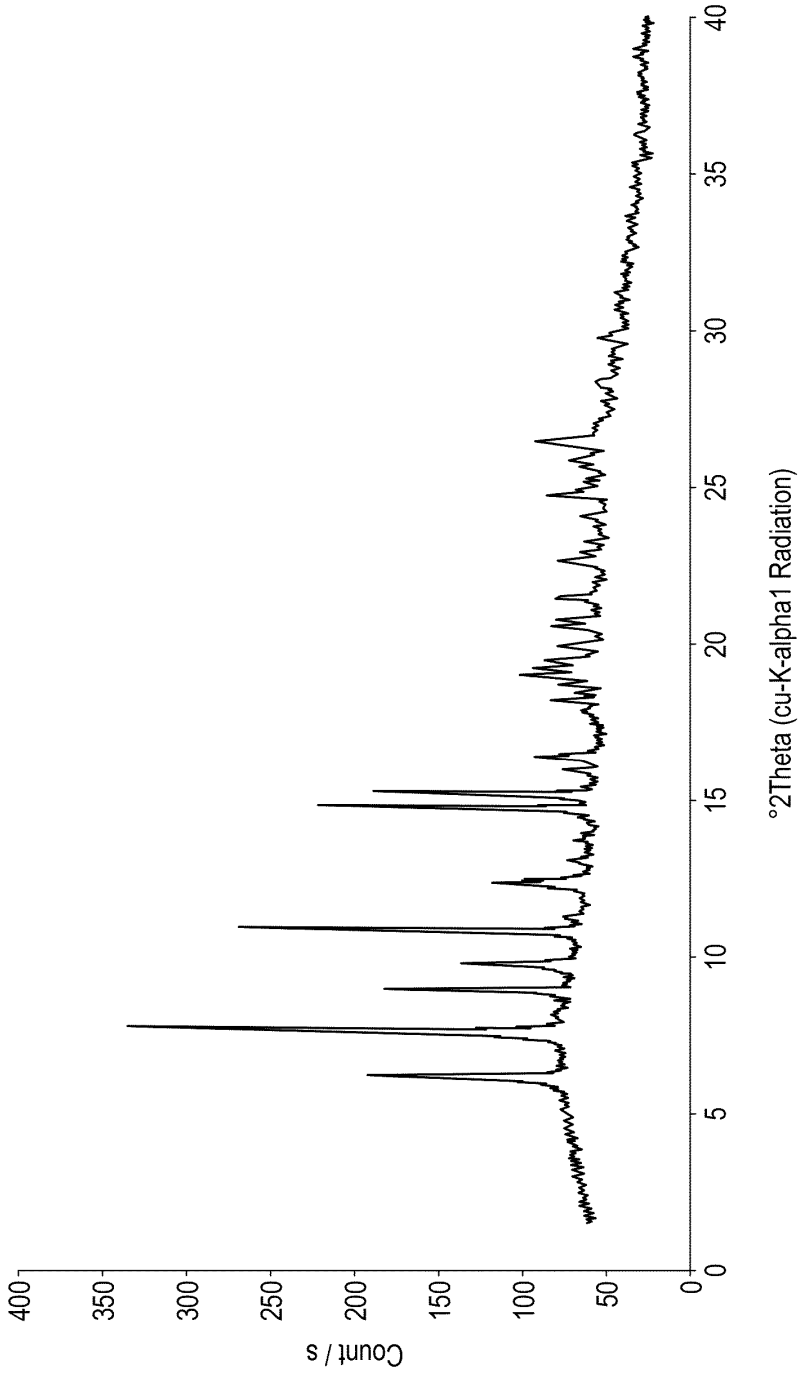

Count / s
400
350
300
250
200
150
100
50
0
0
5
10
15
20
25
30
35
40
°2Theta (cu-K-alpha1 Radiation)

Fig. 2b

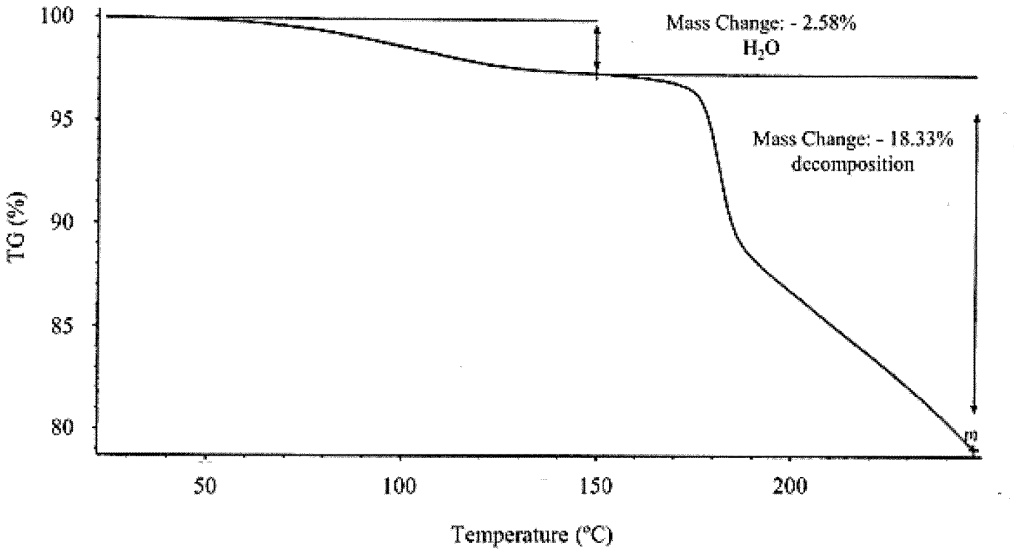

100
95
90
85
80
TG (%)
Mass Change: - 2.58%
H_2O
Mass Change: - 18.33%
decomposition
50
100
150
200
Temperature (°C)

Fig. 3

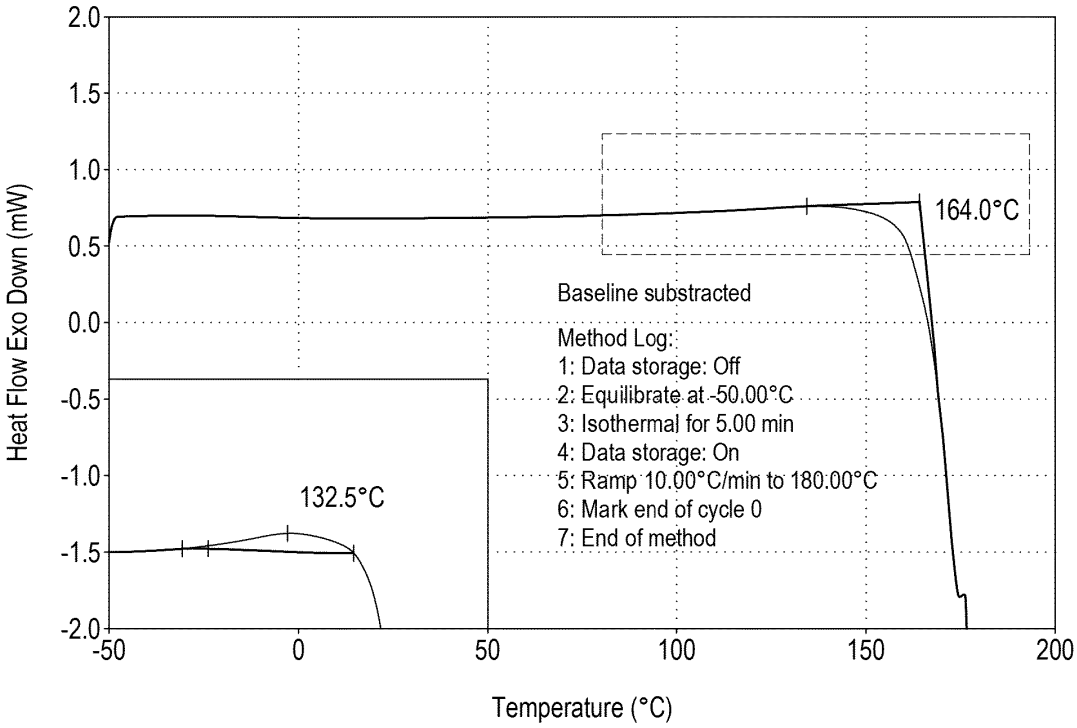

2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
Heat Flow Exo Down (mW)
164.0°C
Baseline substracted
Method Log:
1: Data storage: Off
2: Equilibrate at -50.00°C
3: Isothermal for 5.00 min
4: Data storage: On
5: Ramp 10.00°C/min to 180.00°C
6: Mark end of cycle 0
7: End of method
132.5°C
-50
0
50
100
150
200
Temperature (°C)

Fig. 4

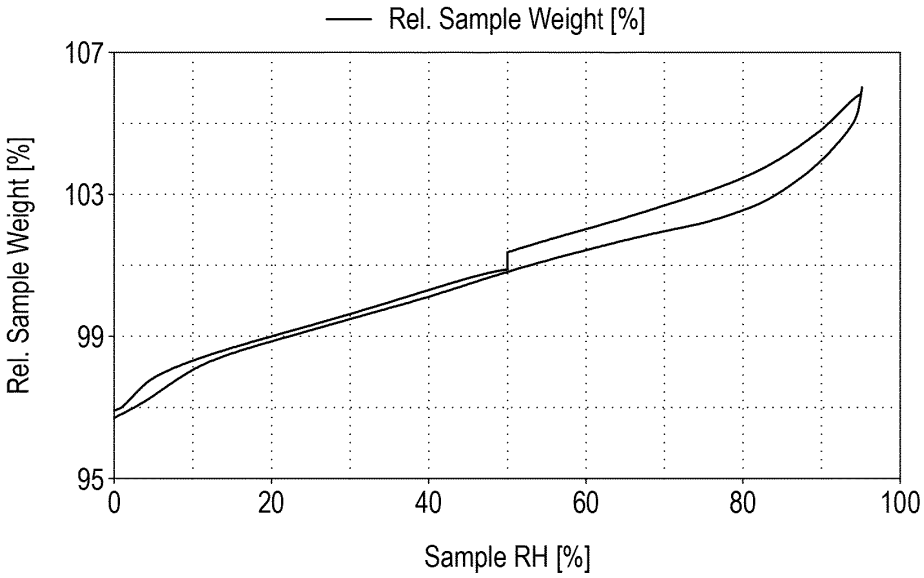

Rel. Sample Weight [%]
107
103
99
95
Rel. Sample Weight [%]
0
20
40
60
80
100
Sample RH [%]

Fig. 5

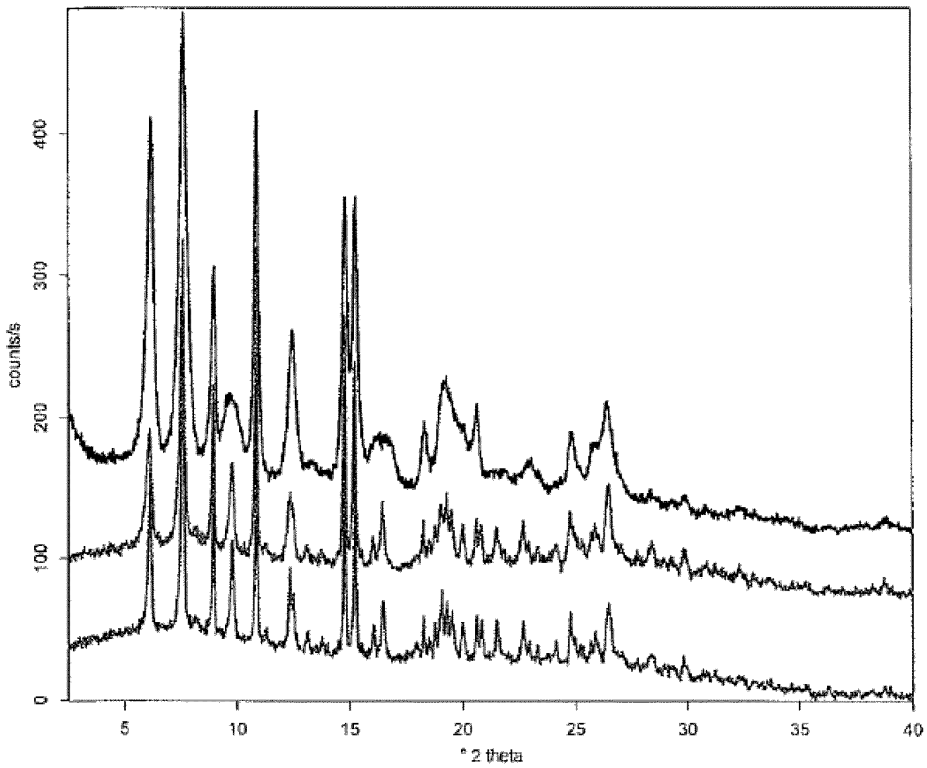

counts/s
0
100
200
300
400
5
10
15
20
25
30
35
40
° 2 theta

Fig. 6

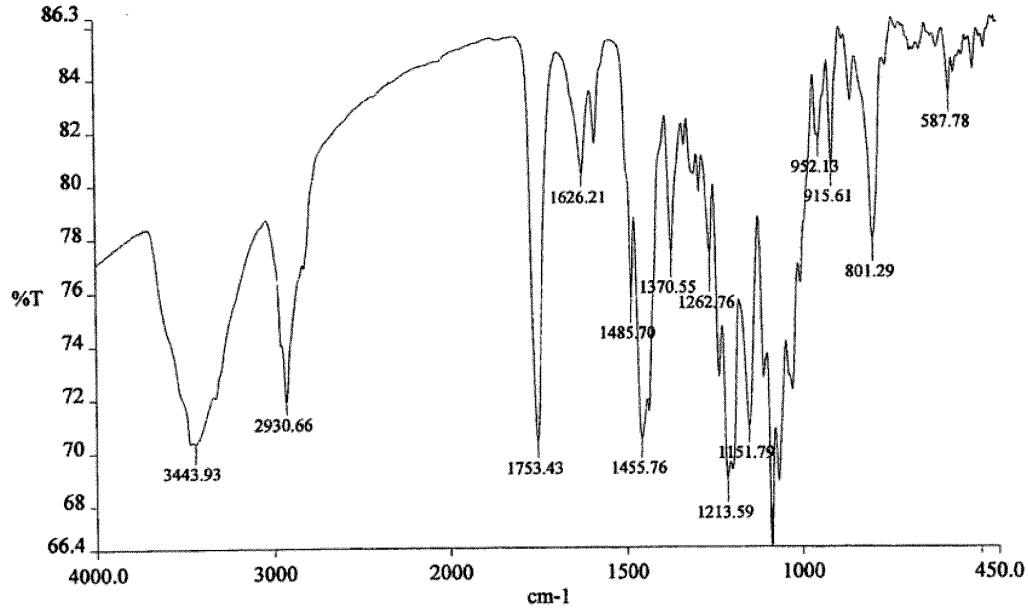

86.3
84
82
80
78
76
74
72
70
68
66.4
%T
4000.0
3000
2000
1500
1000
450.0
cm-1
3443.93
2930.66
1753.43
1626.21
1485.70
1455.76
1370.55
1262.76
1213.59
1151.79
952.13
915.61
801.29
587.78

Fig. 7a

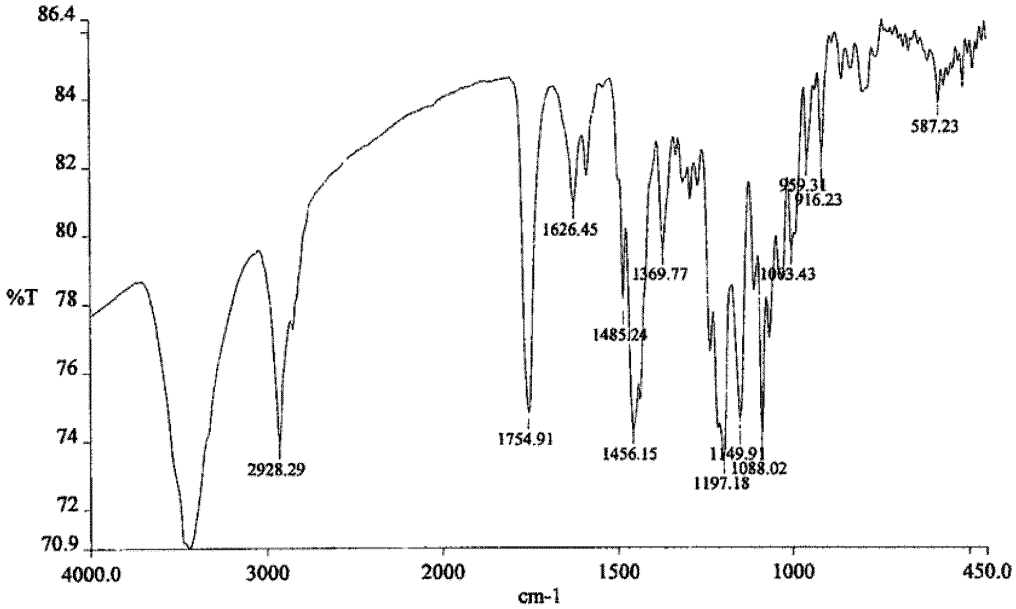

86.4
84
82
80
78
76
74
72
70.9
%T
4000.0
3000
2000
1500
1000
450.0
cm-1
2928.29
1754.91
1626.45
1485.24
1456.15
1369.77
1197.18
1149.91
1088.02
1093.43
959.31
916.23
587.23

Fig. 7b

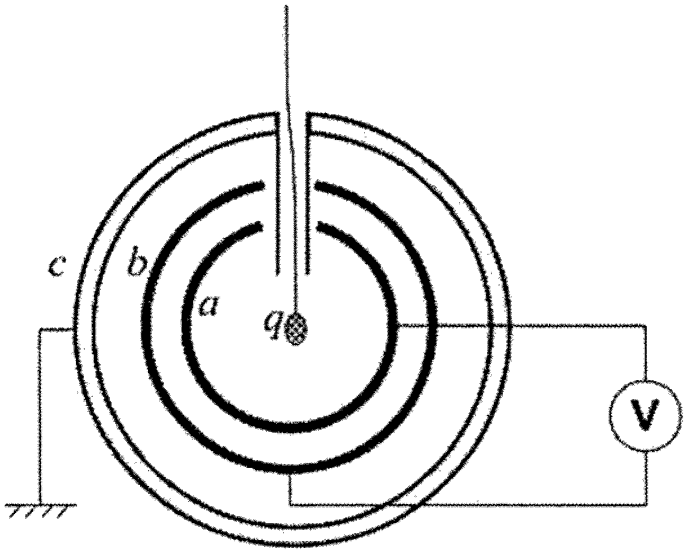


Fig. 8

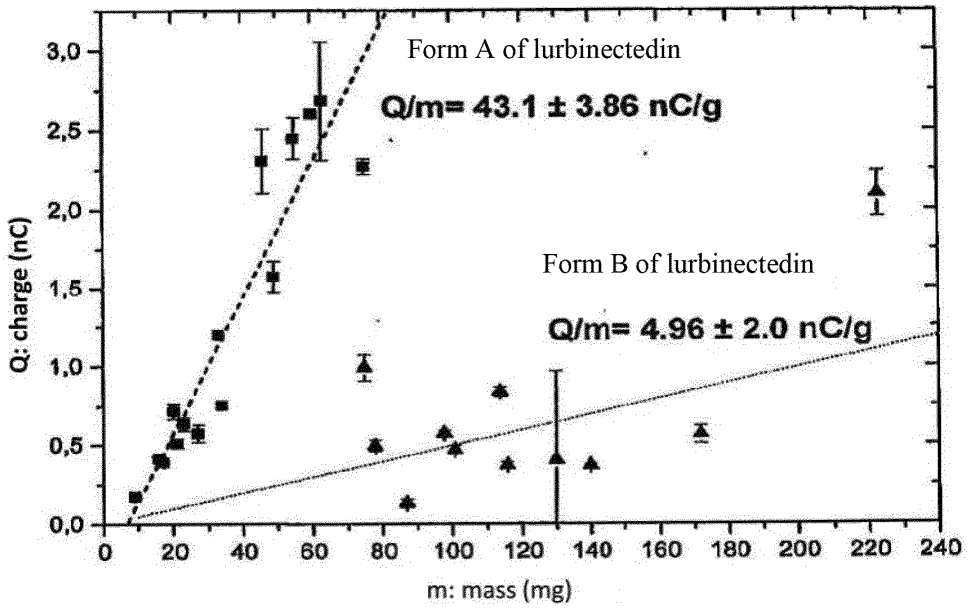

Form A of lurbinectedin
Q/m= 43.1 ± 3.86 nC/g
Form B of lurbinectedin
Q/m= 4.96 ± 2.0 nC/g
Q: charge (nC)
m: mass (mg)
3,0
2,5
2,0
1,5
1,0
0,5
0,0
0
20
40
60
80
100
120
140
160
180
200
220
240

Fig. 9a

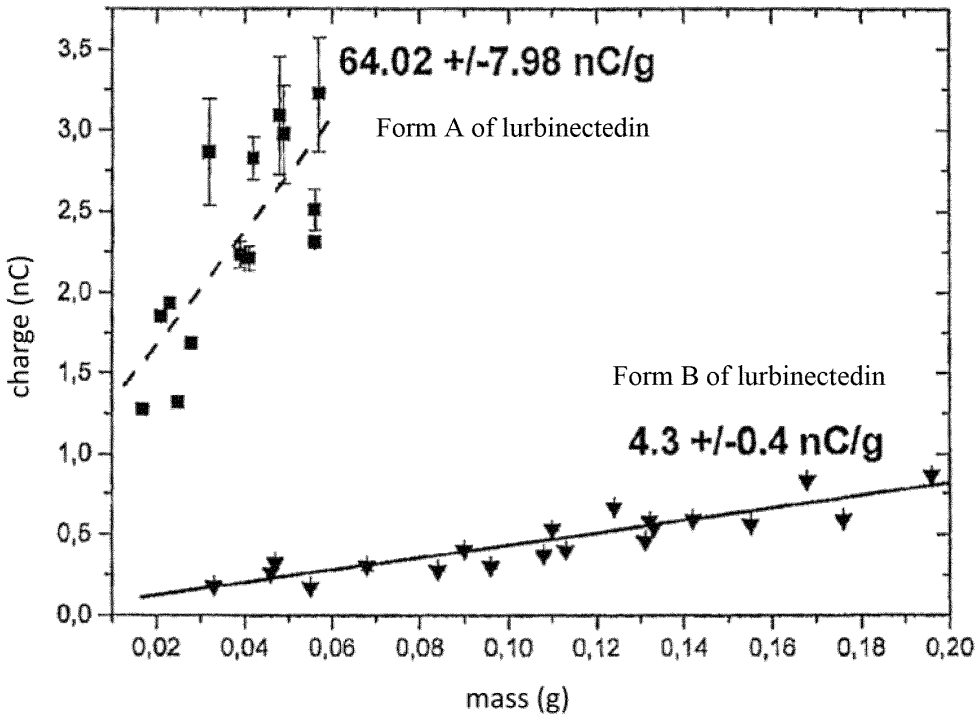

64.02 +/-7.98 nC/g
Form A of lurbinectedin
Form B of lurbinectedin
4.3 +/-0.4 nC/g
charge (nC)
mass (g)
3,5
3,0
2,5
2,0
1,5
1,0
0,5
0,0
0,02
0,04
0,06
0,08
0,10
0,12
0,14
0,16
0,18
0,20

Fig. 9b

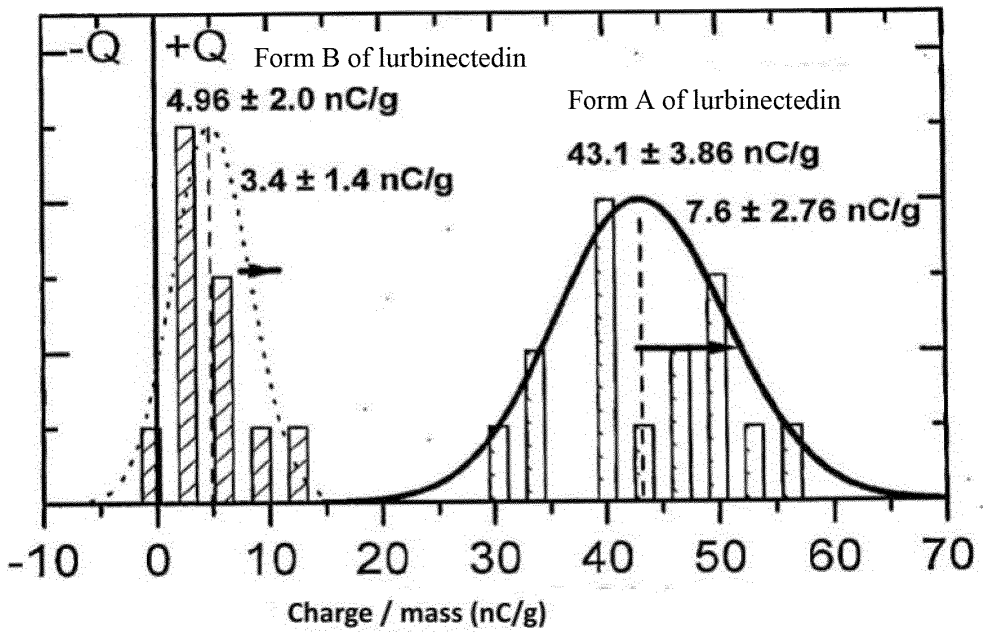


Fig. 10a

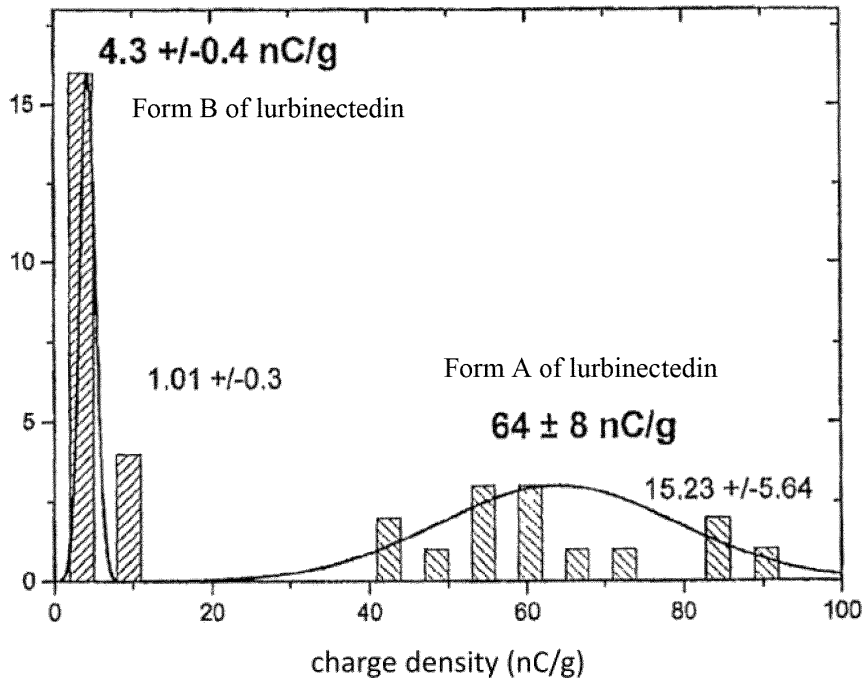


Fig. 10b