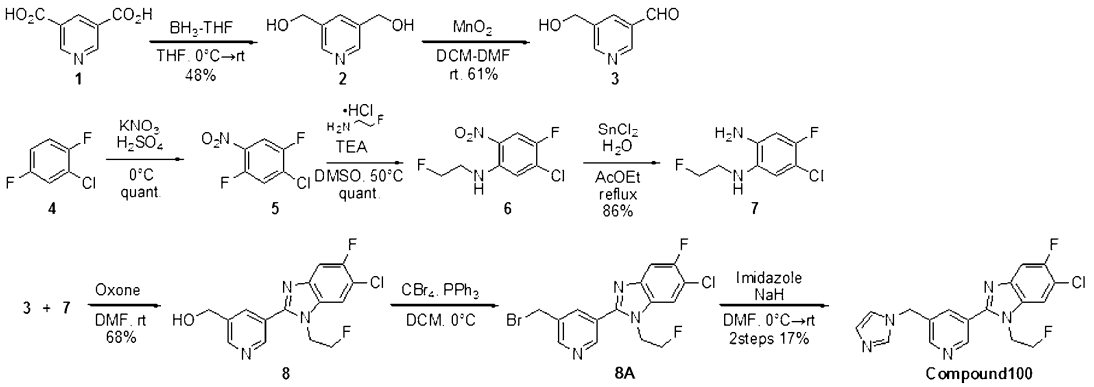


Figure 1

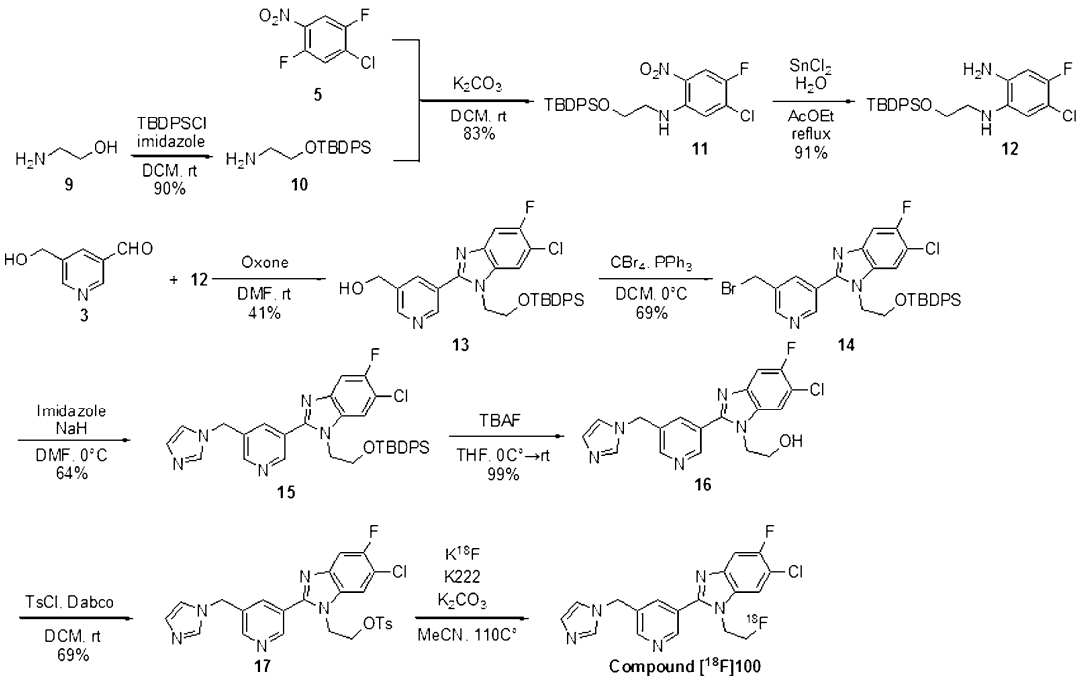


Figure 2

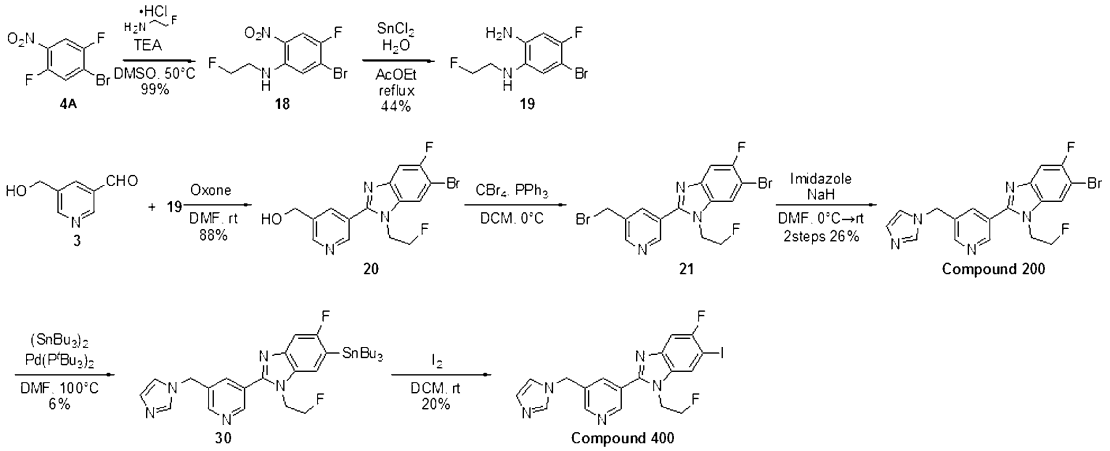


Figure 3

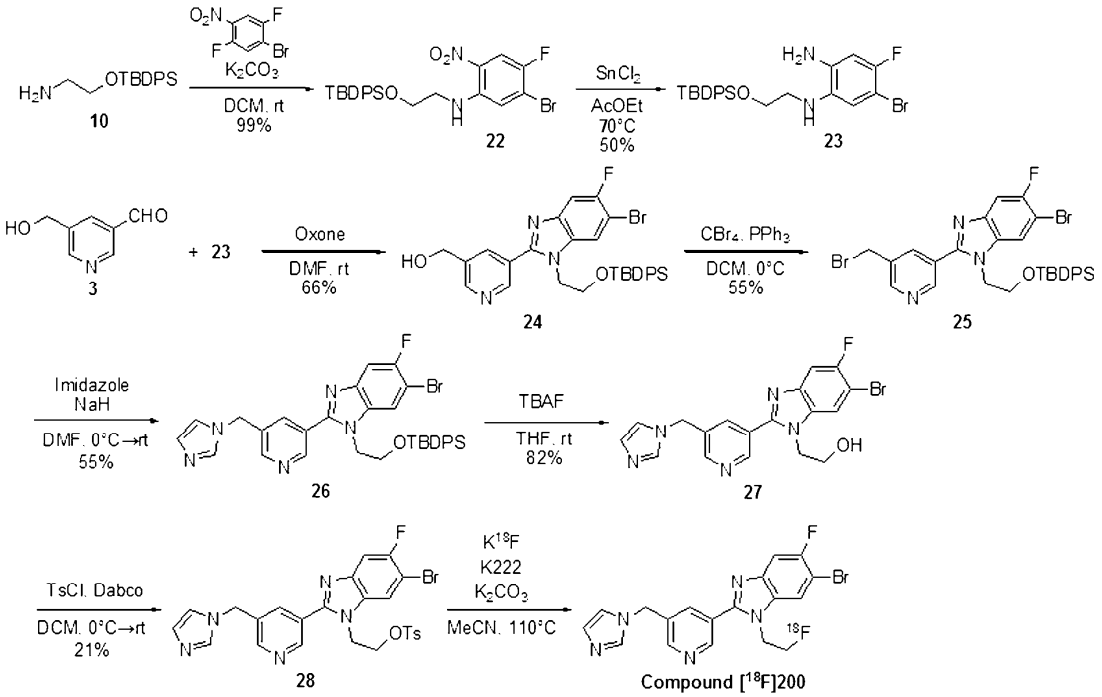


Figure 4

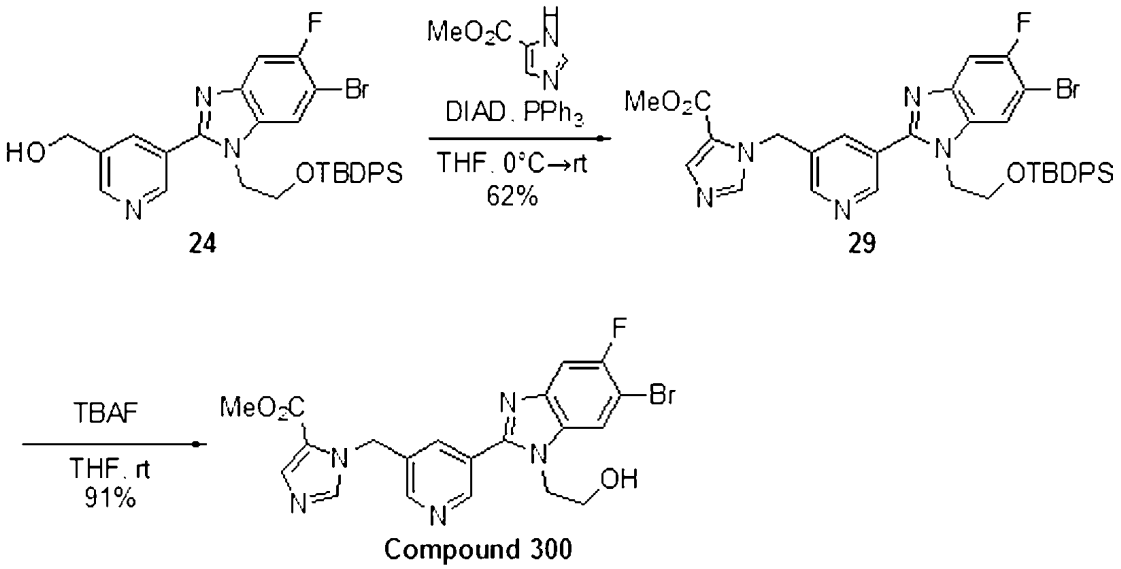


Figure 5

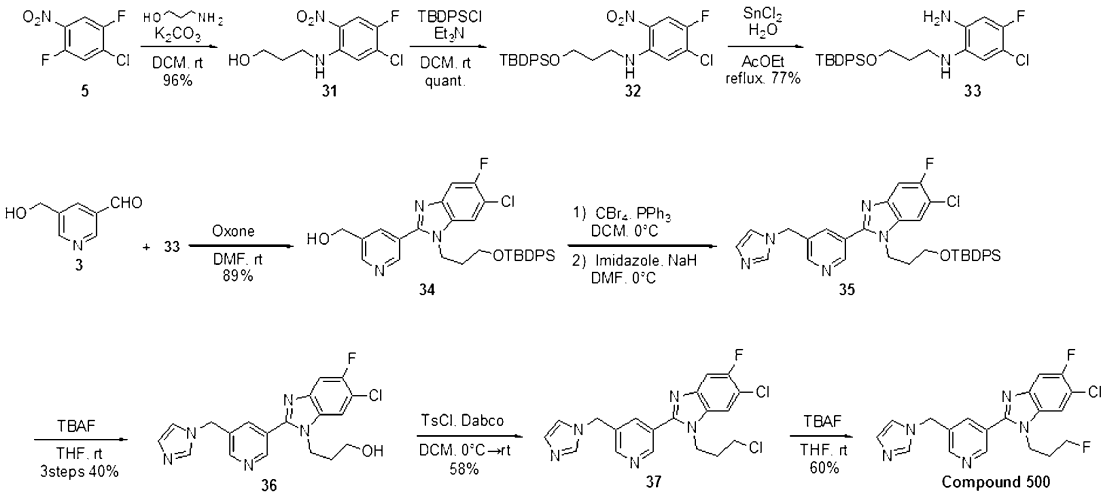
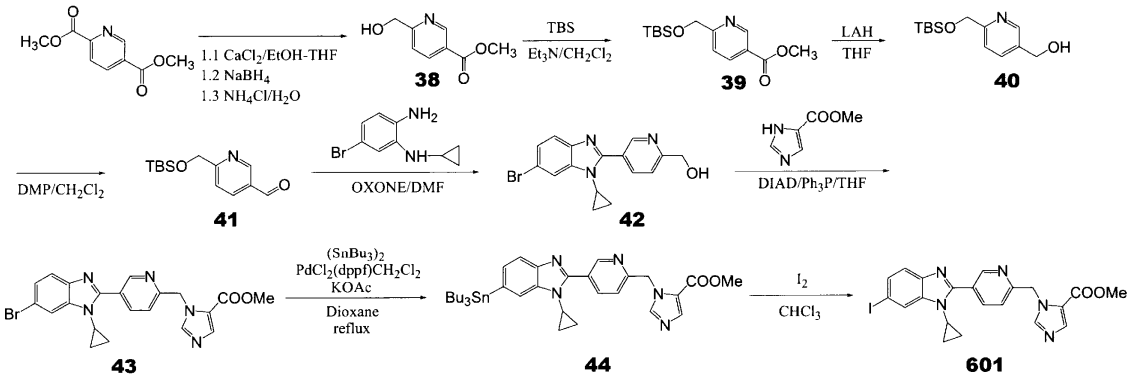


Figure 6



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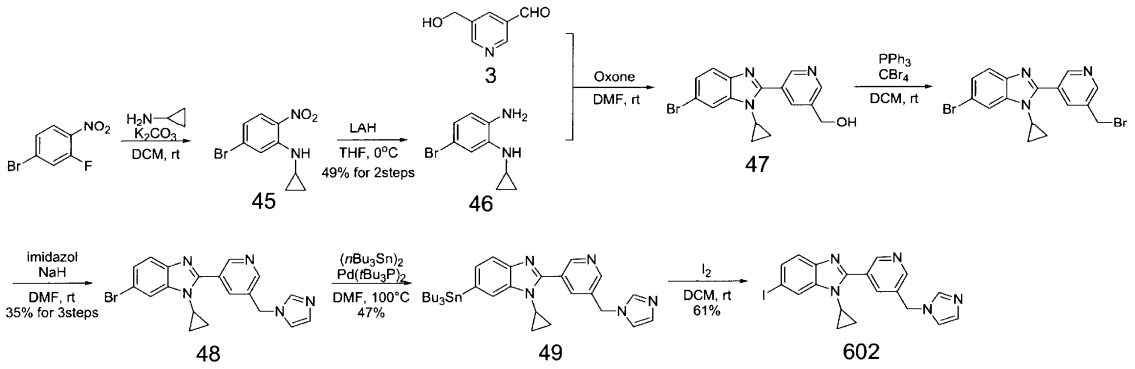


Figure 8

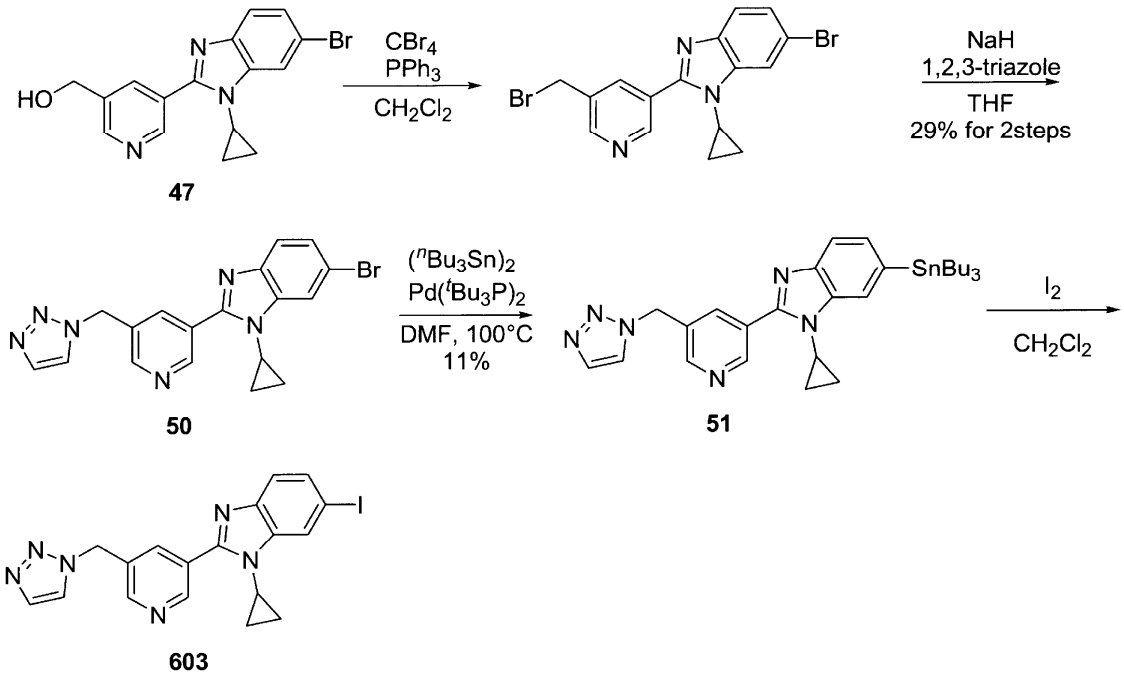


Figure 9

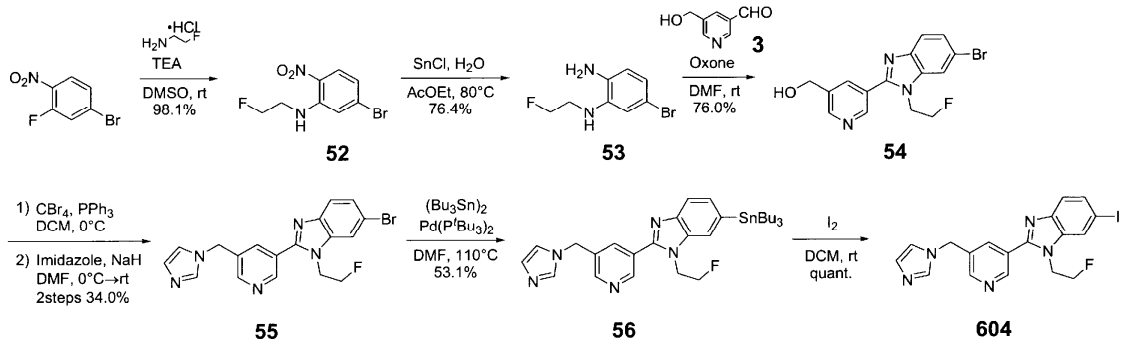


Figure 10

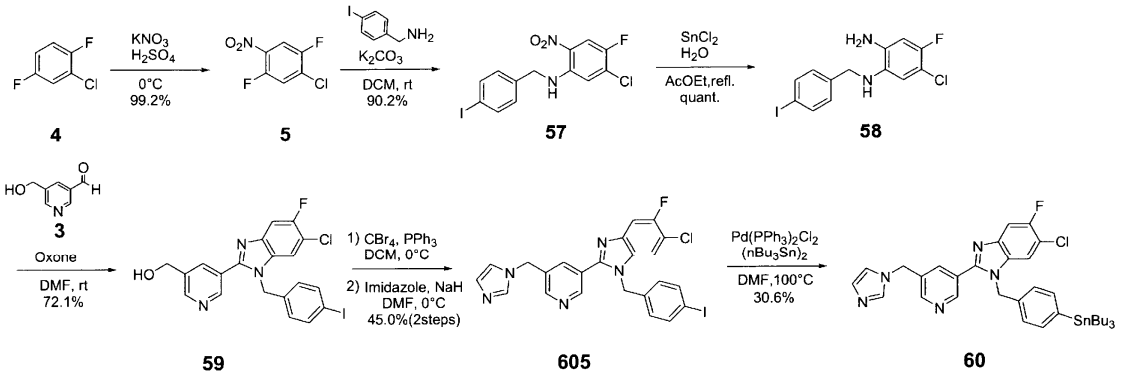


Figure 11

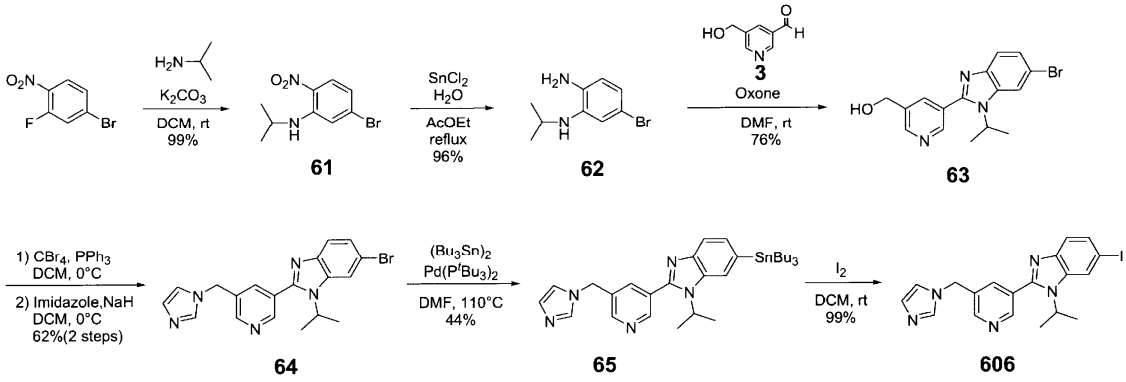


Figure 12

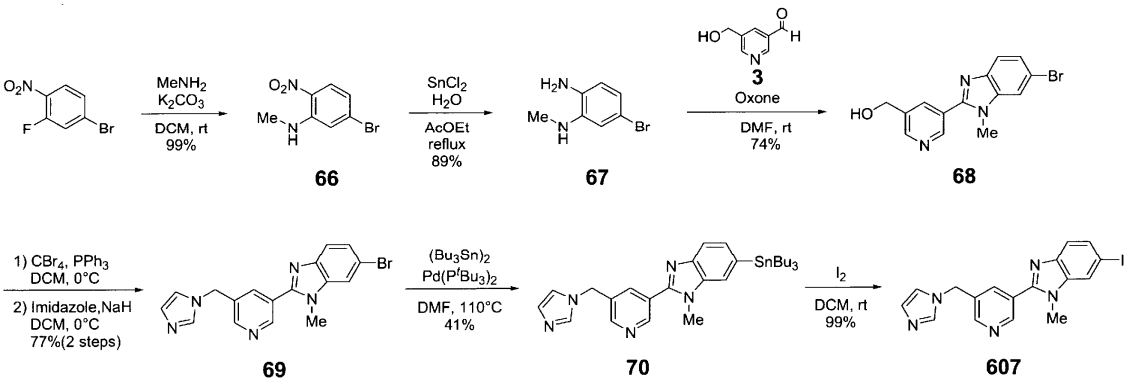


Figure 13

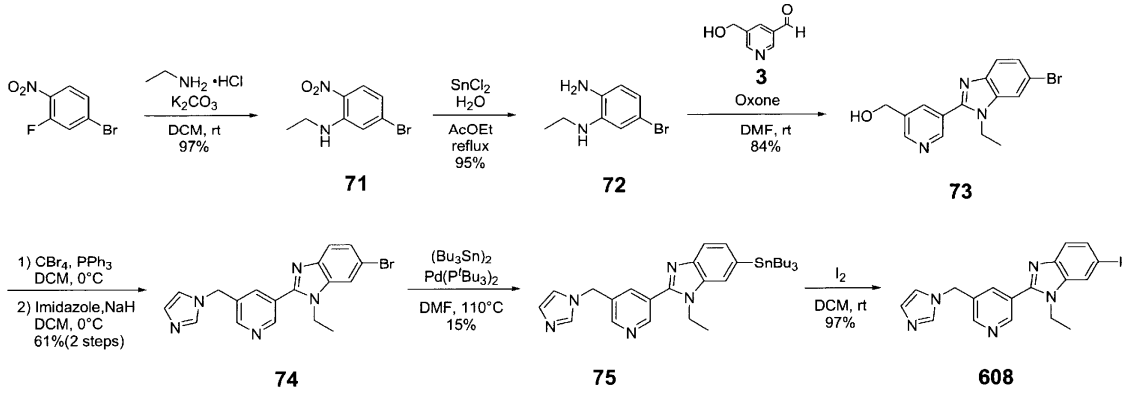


Figure 14

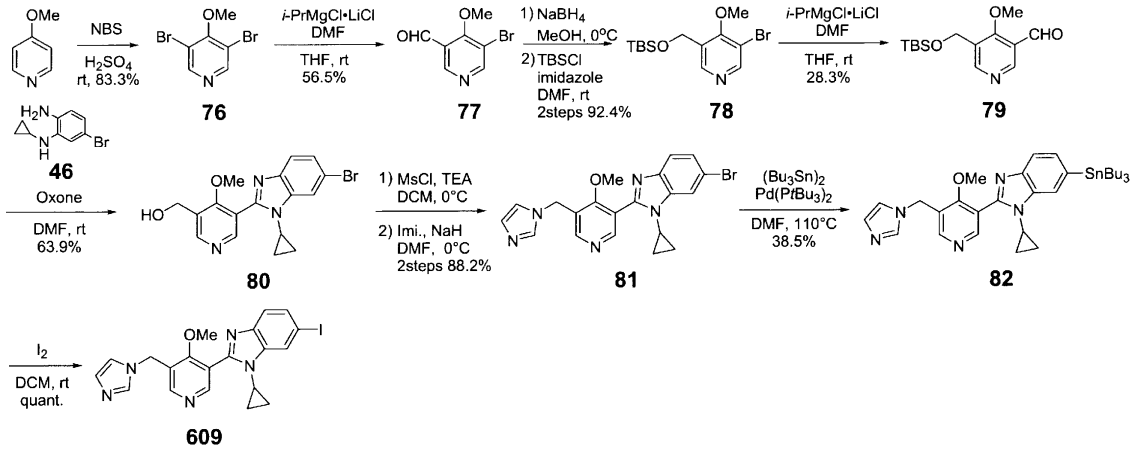


Figure 15

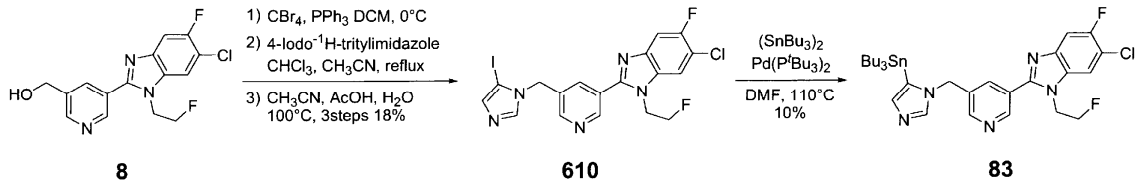


Figure 16

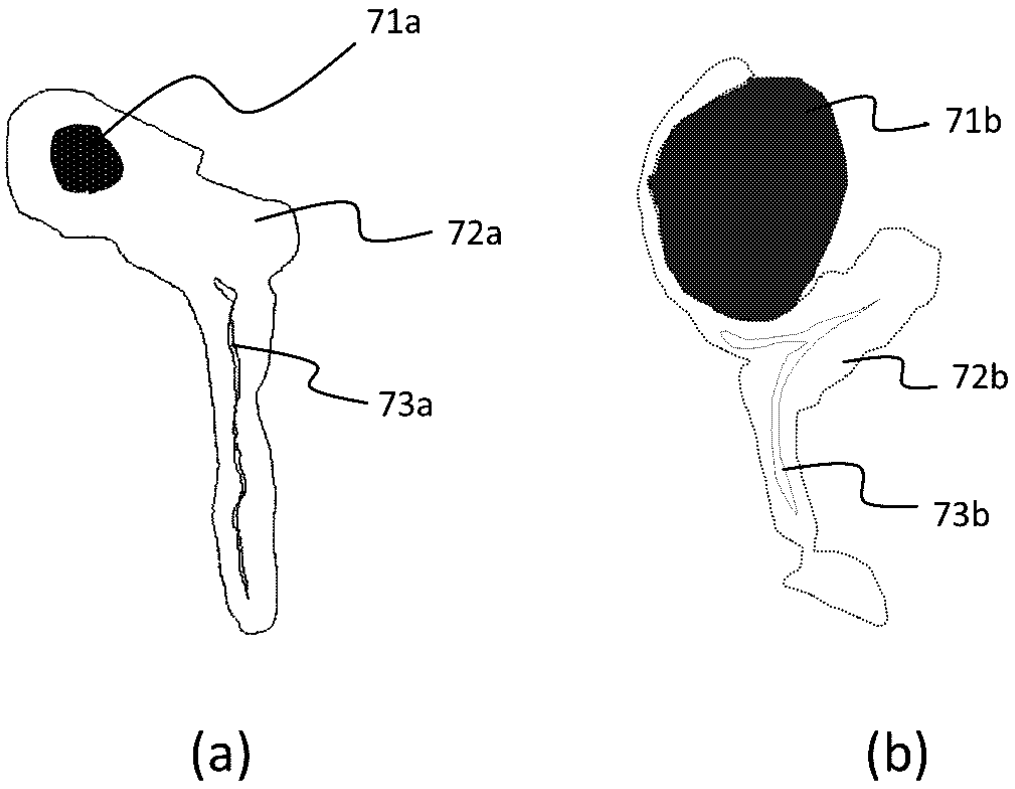


Figure 17

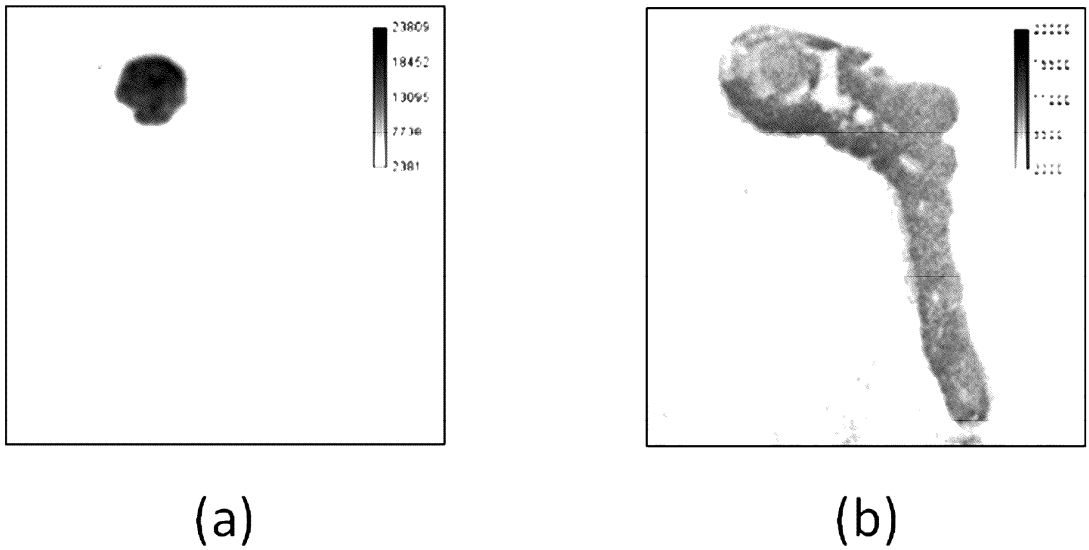


Figure 18

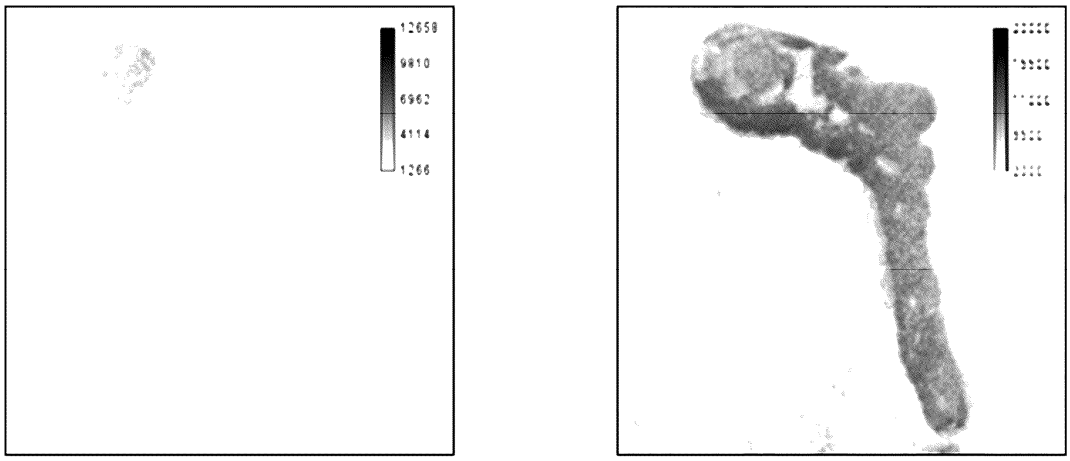


Figure 19

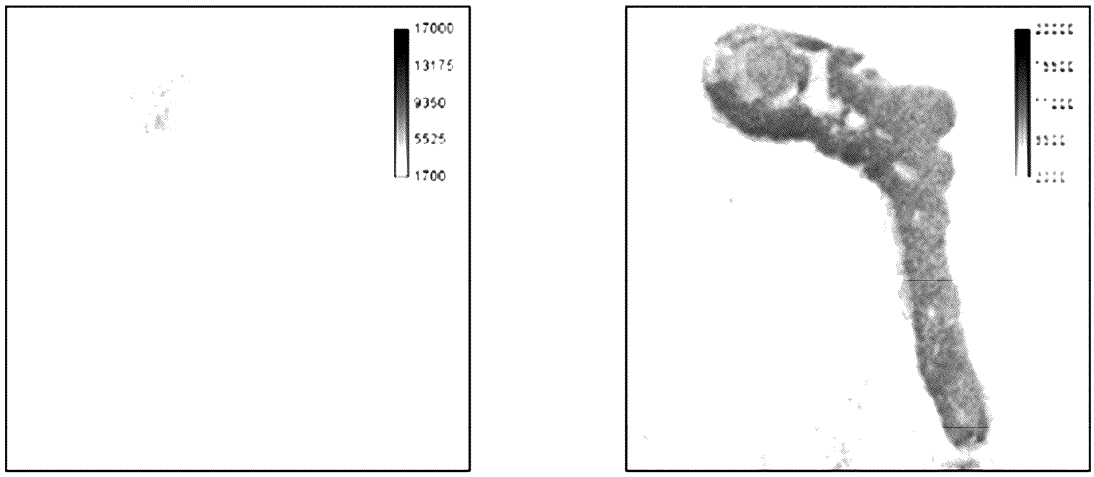


Figure 20

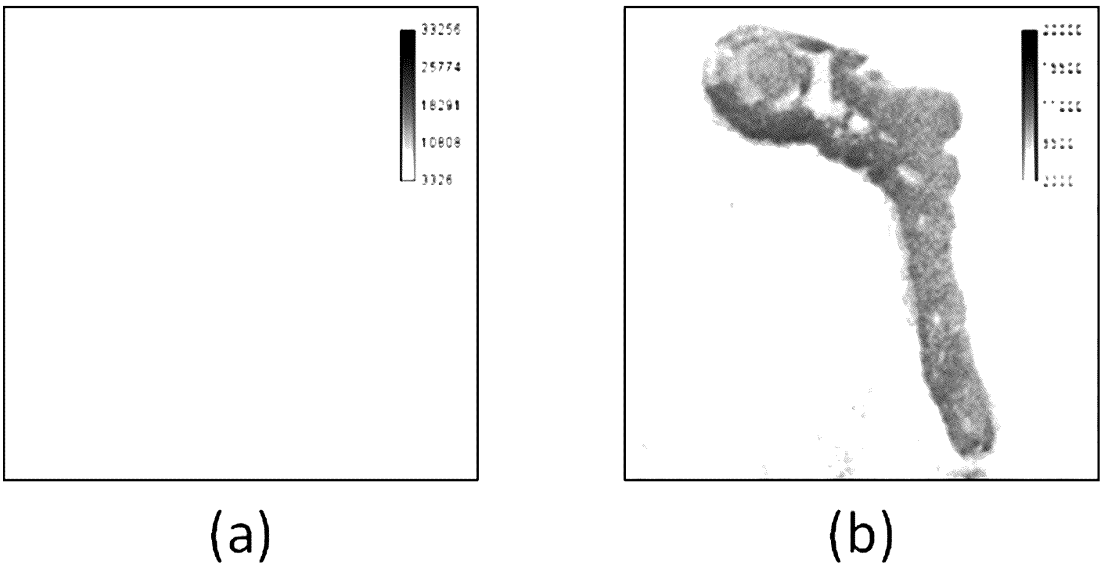


Figure 21

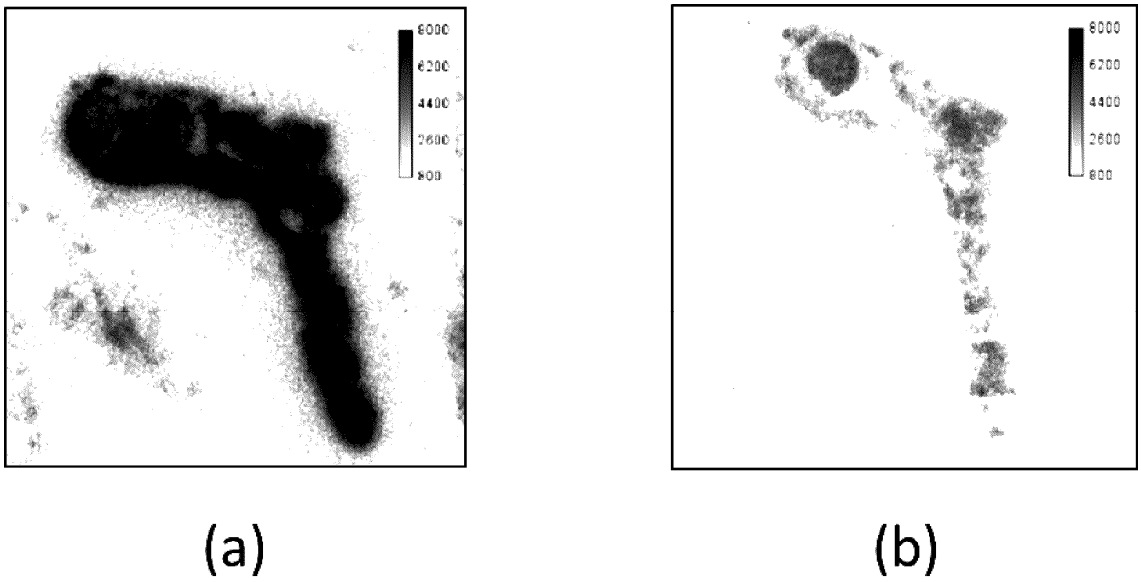
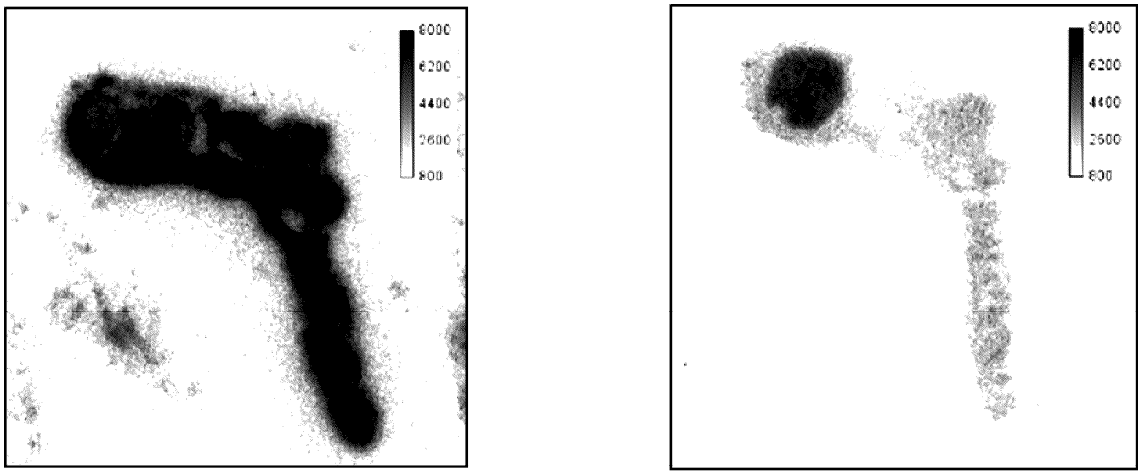


Figure 22



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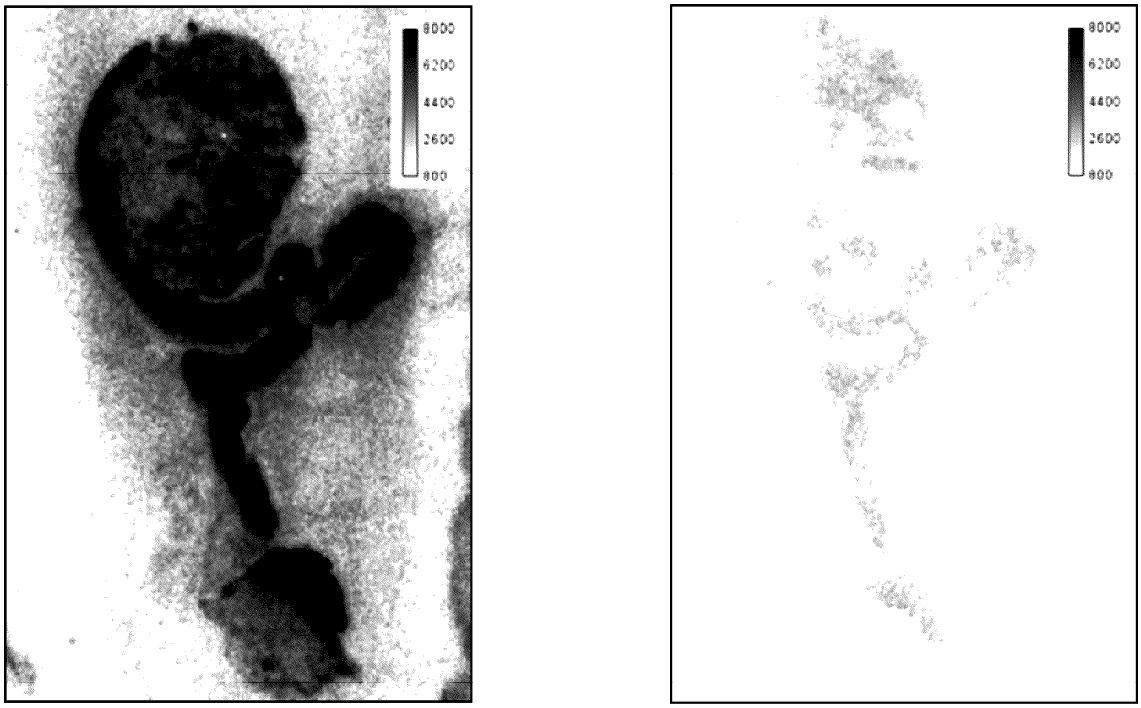

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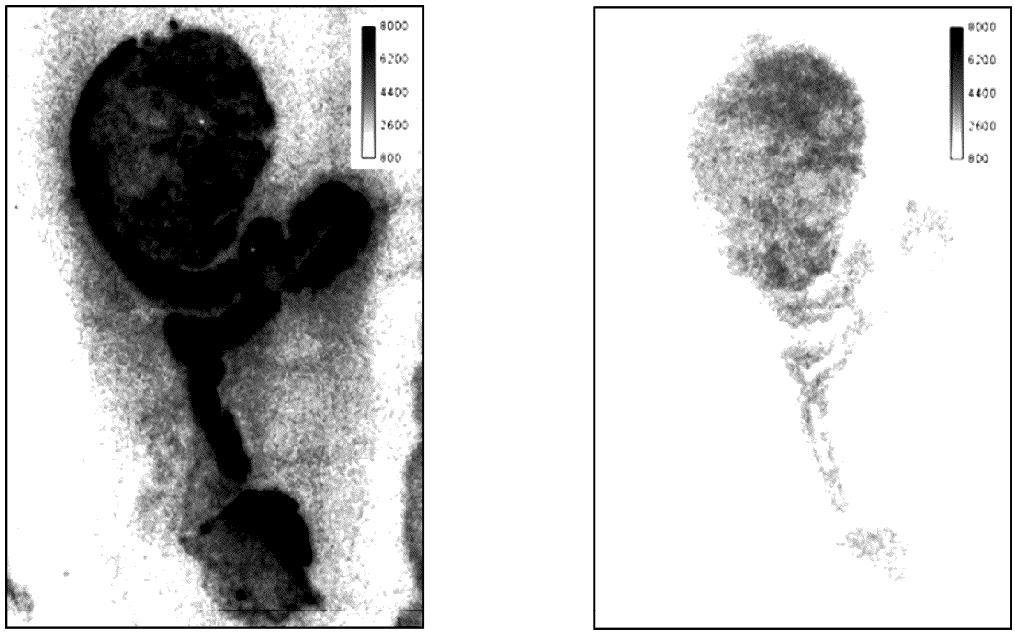


Figure 25

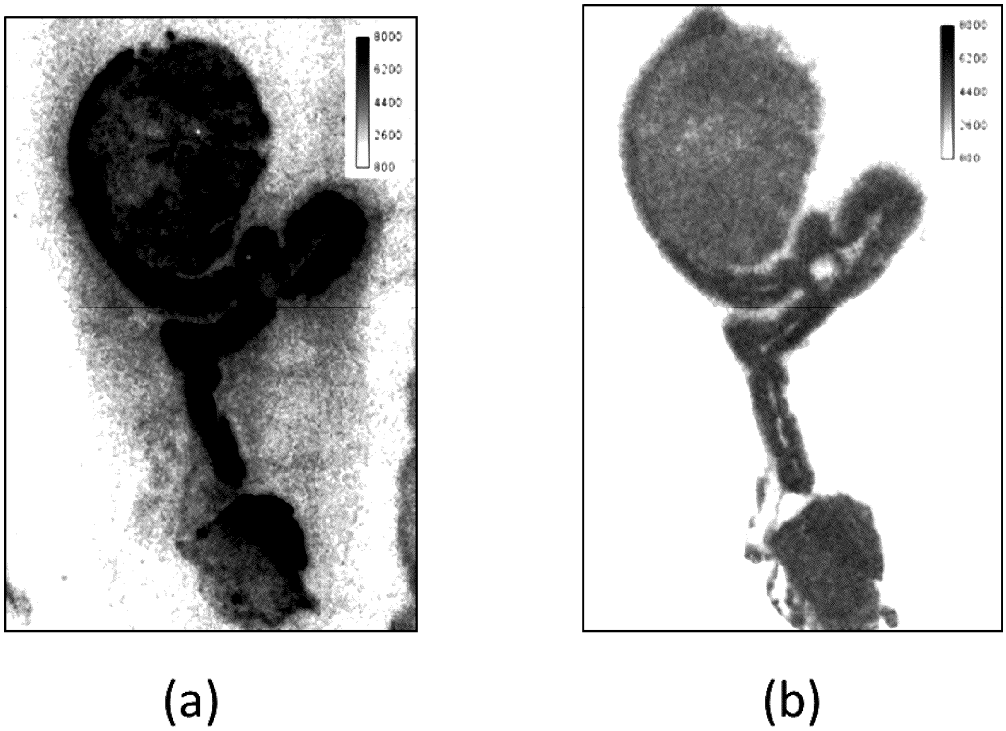


Figure 26

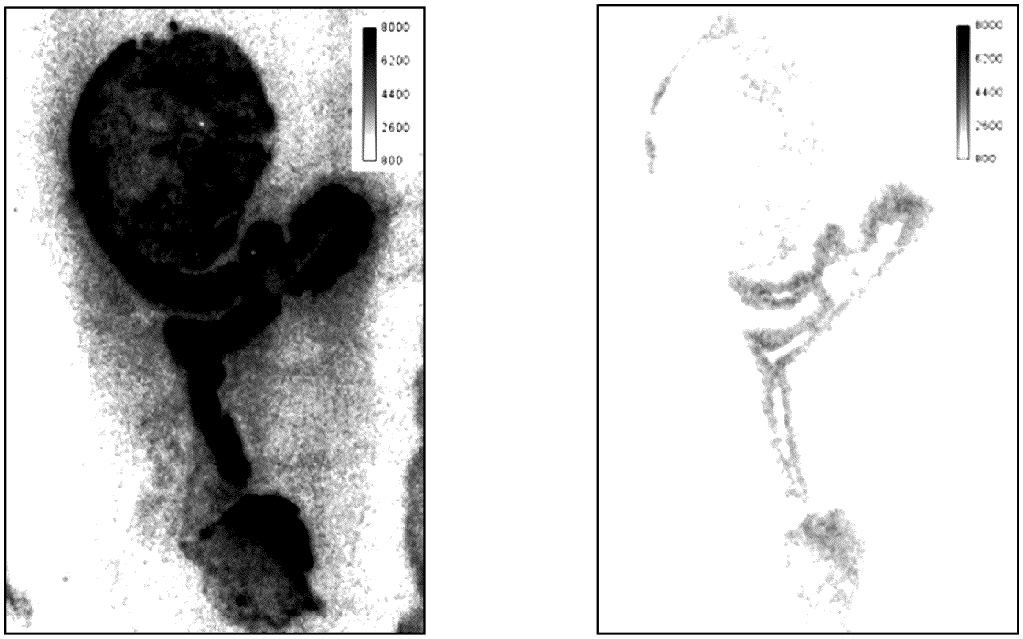


Figure 27

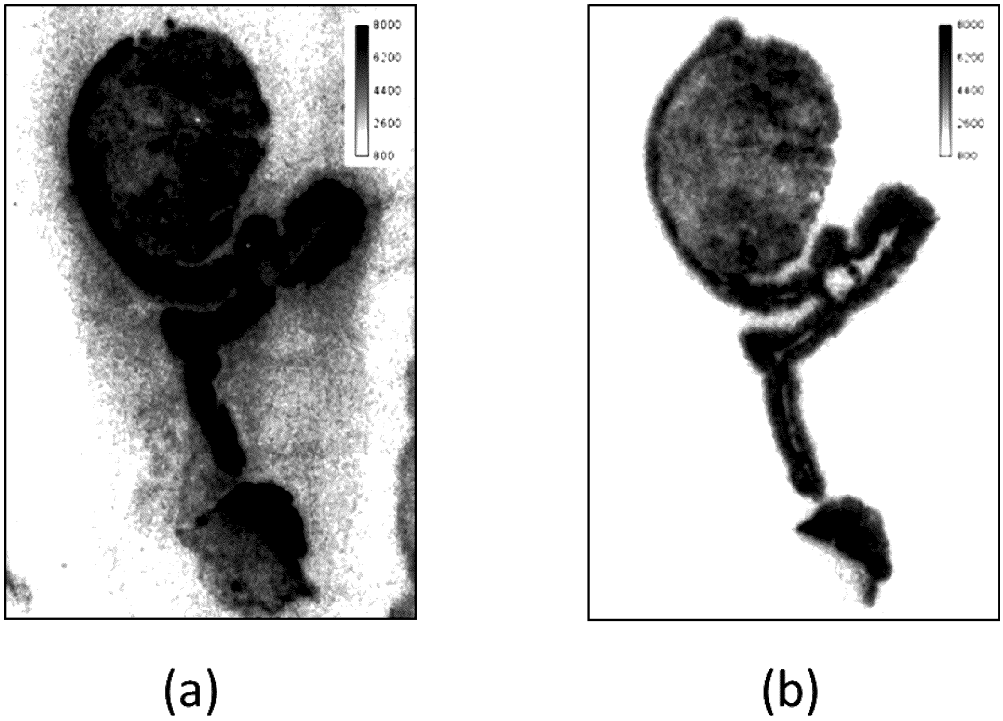


Figure 28

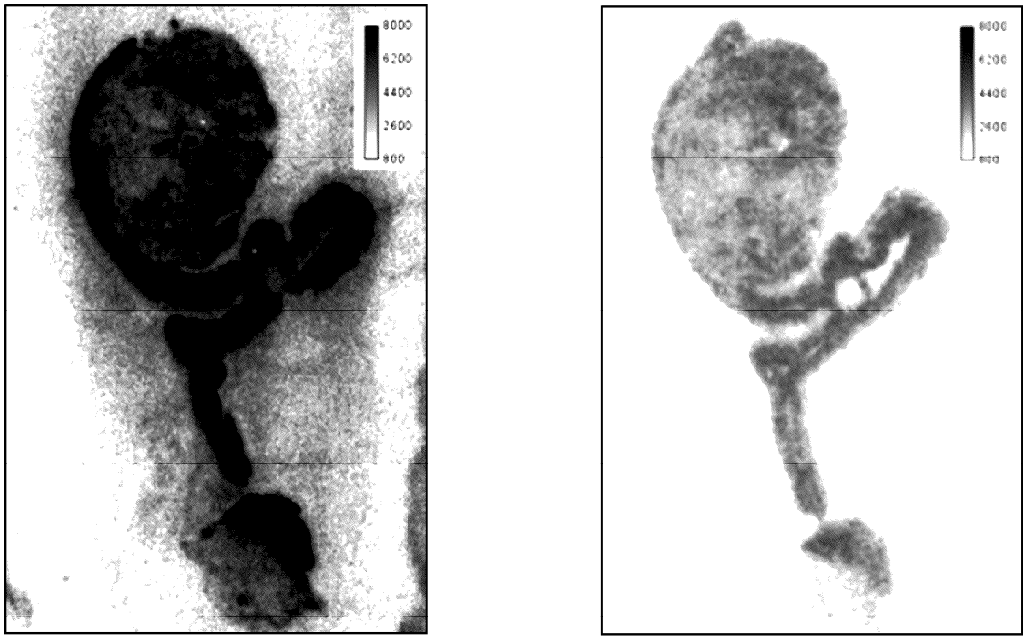


Figure 29

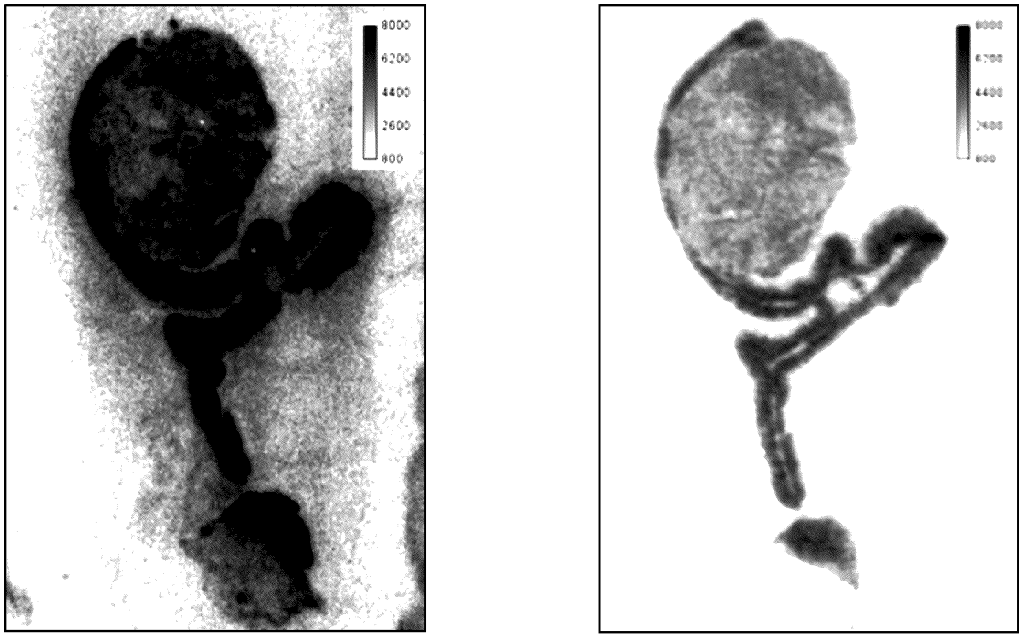


Figure 30

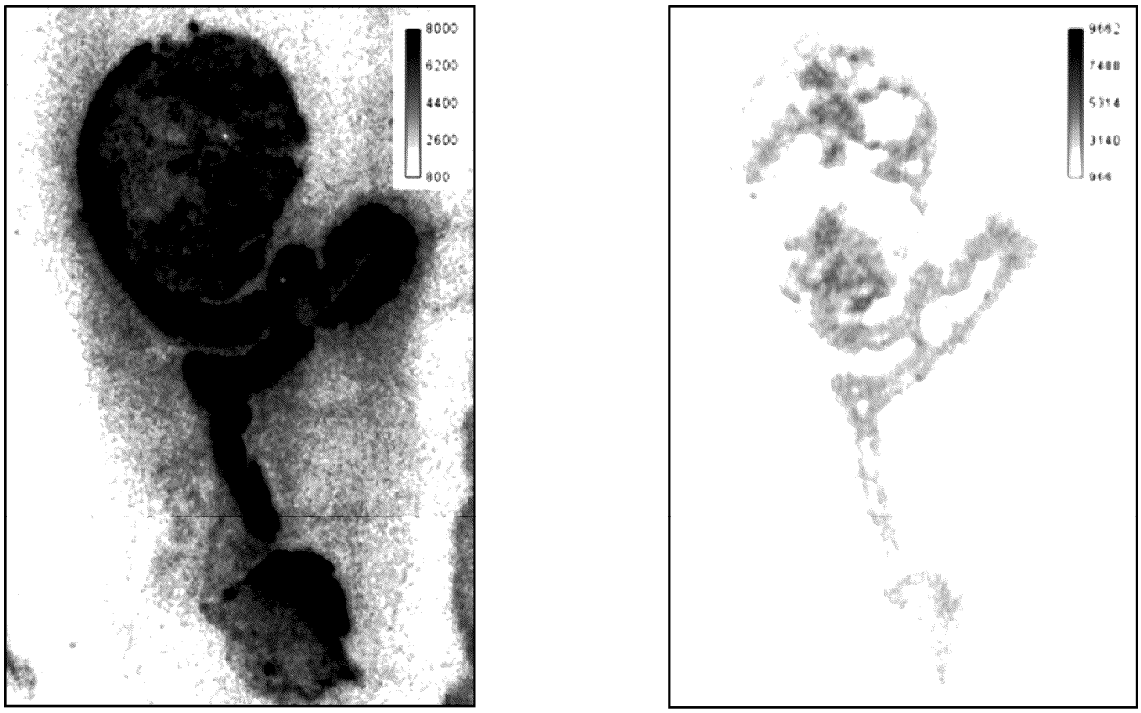
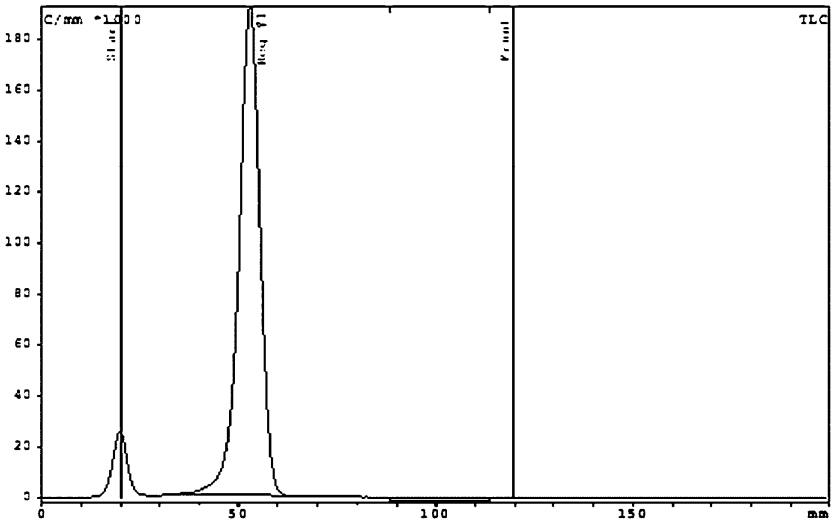


Figure 31

(a)



(b)

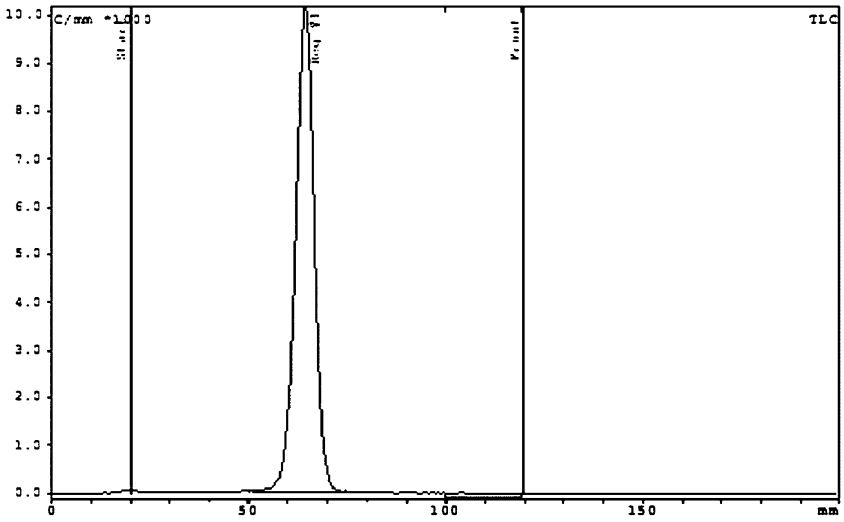
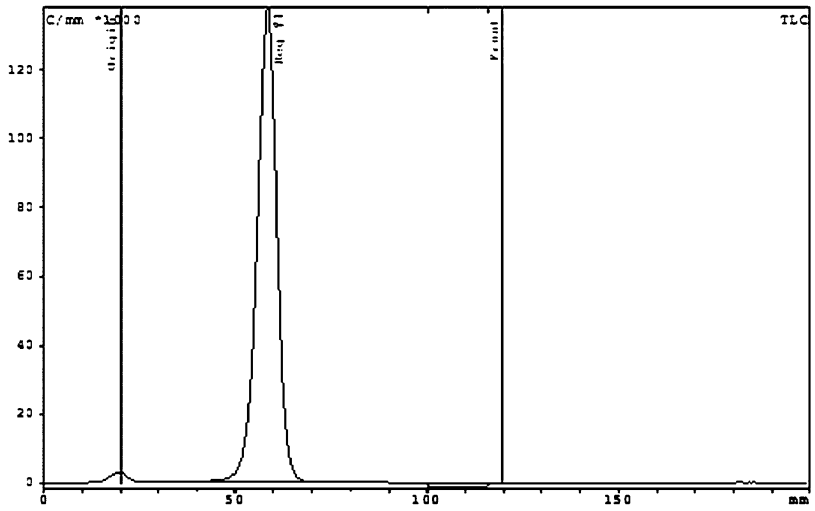


Figure 32

(a)


TLC
120
100
80
60
40
20
0
0
50
100
150
mm

(b)

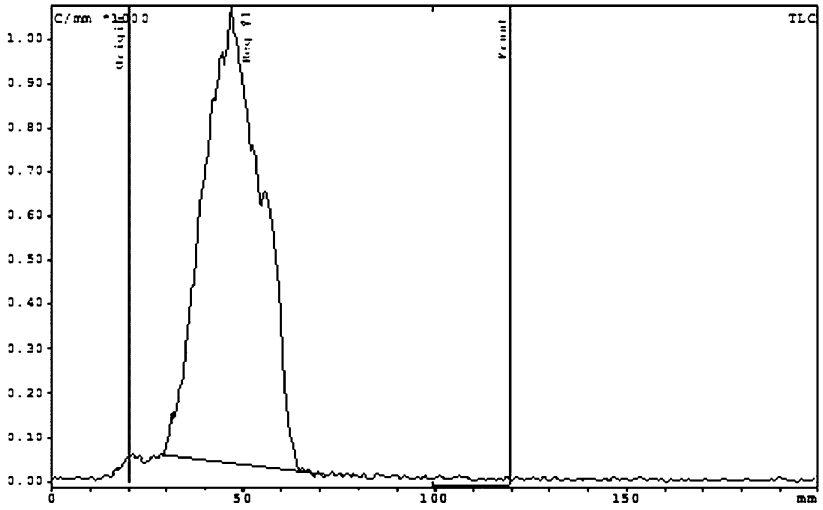
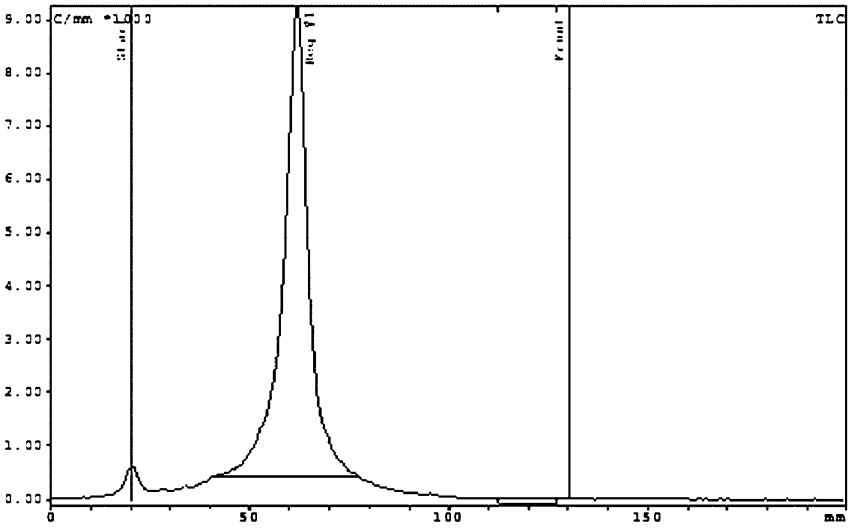

TLC
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
0
50
100
150
mm

Figure 33

(a)


C/mm *1000
TLC
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
0
50
100
150
mm

(b)

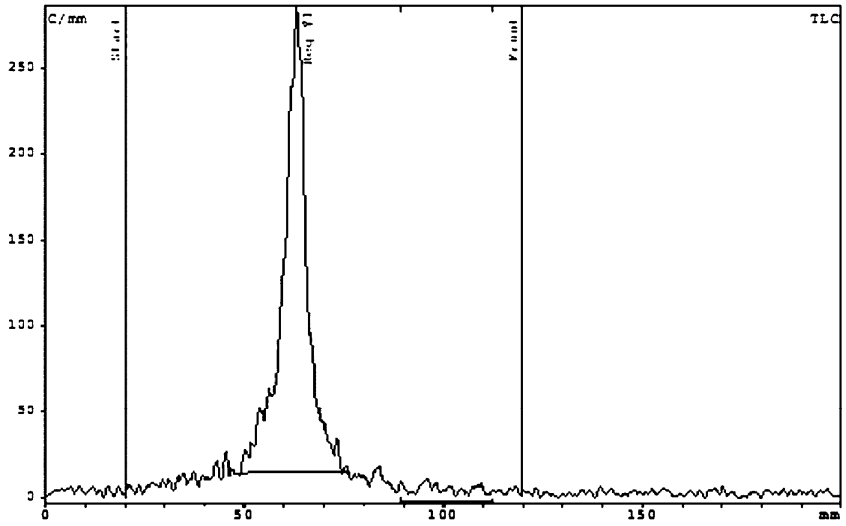
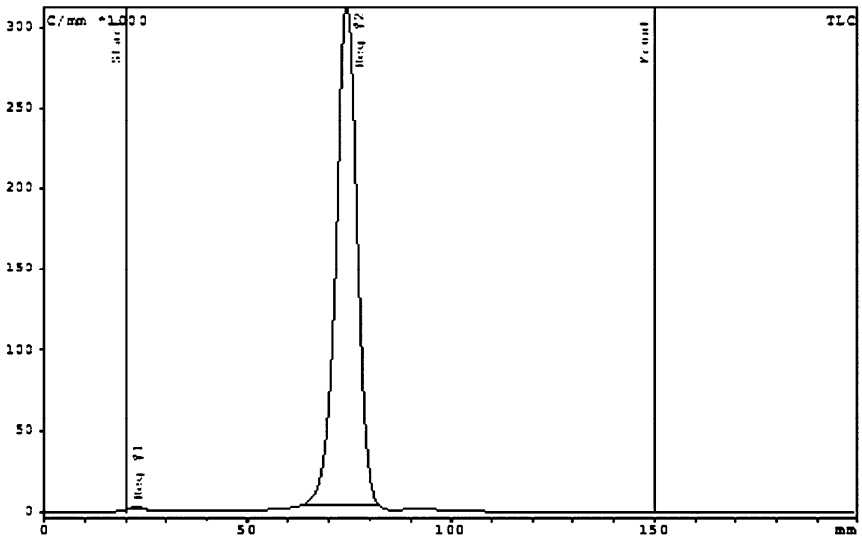

C/mm
TLC
250
200
150
100
50
0
0
50
100
150
mm

Figure 34

(a)



(b)

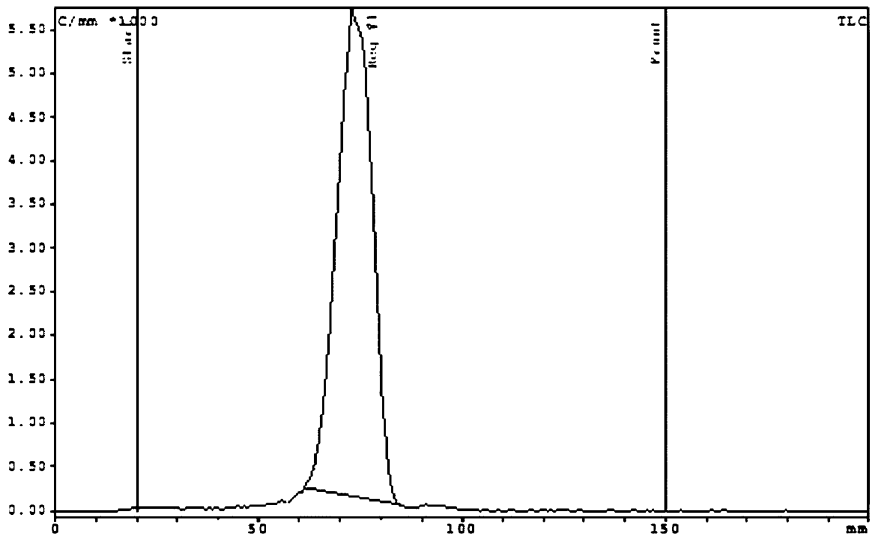
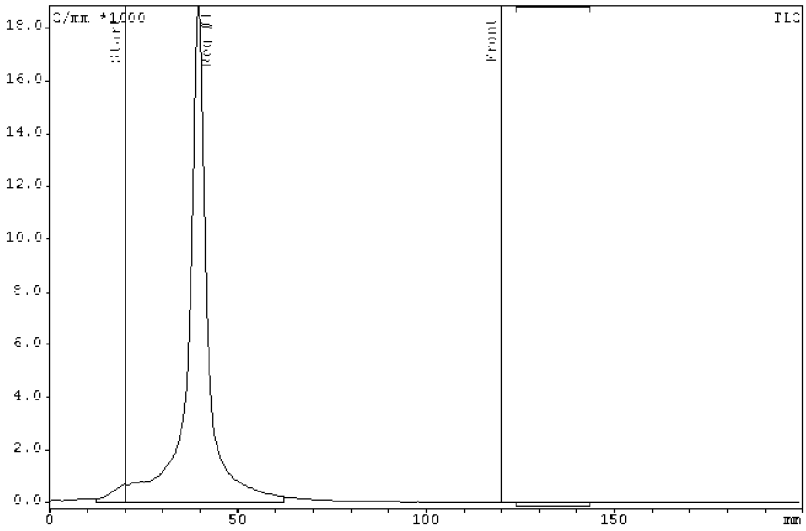


Figure 35

(a)


C/nm *1000
Front
TIC
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
nm

(b)

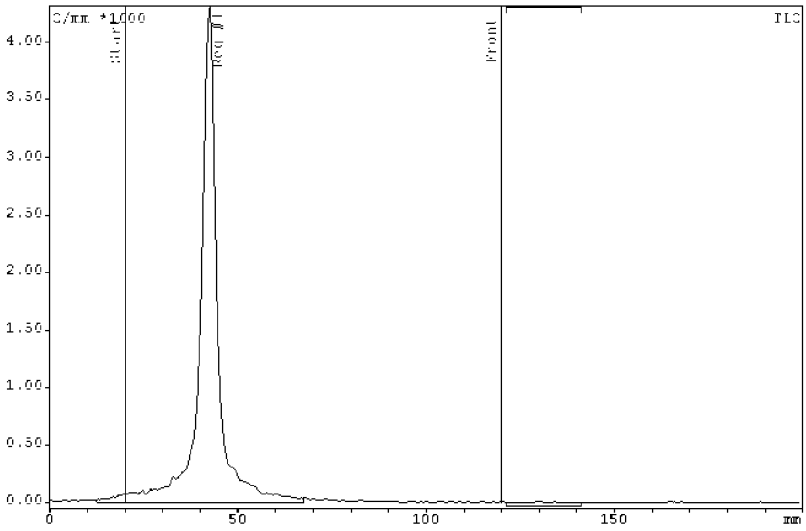
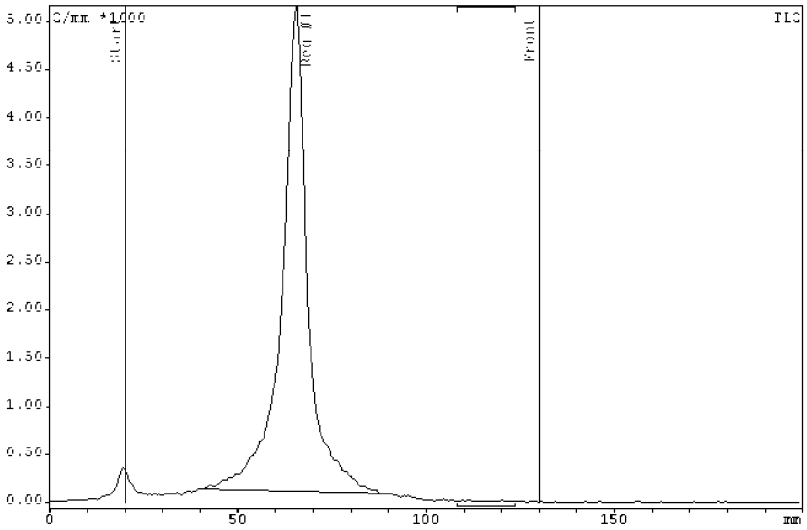

C/nm *1000
Front
TIC
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
0
50
100
150
nm

Figure 36

(a)


C/nm *1000
Start
Peak #1
Front
TLC
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
0
50
100
150
mm

(b)

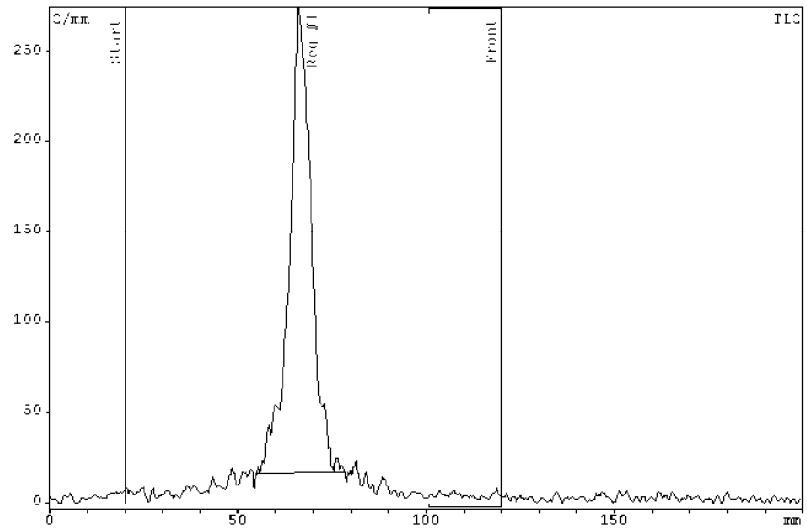
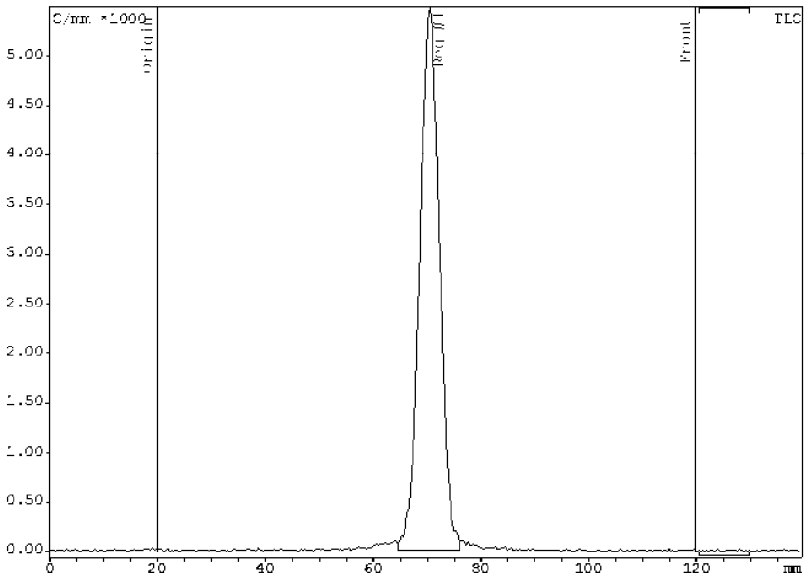

C/nm
Start
Peak #1
Front
TLC
250
200
150
100
50
0
0
50
100
150
mm

Figure 37

(a)


C/mm *1000
Origin
Front
TLC
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
0
20
40
60
80
100
120
mm

(b)

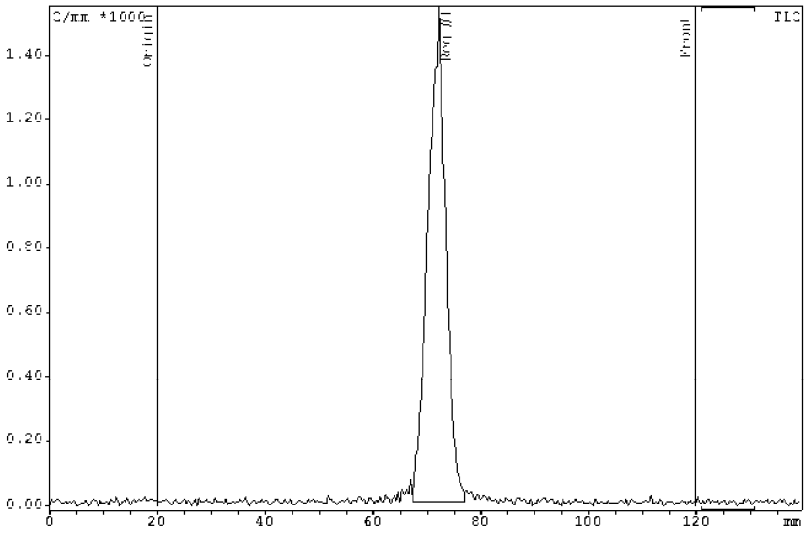
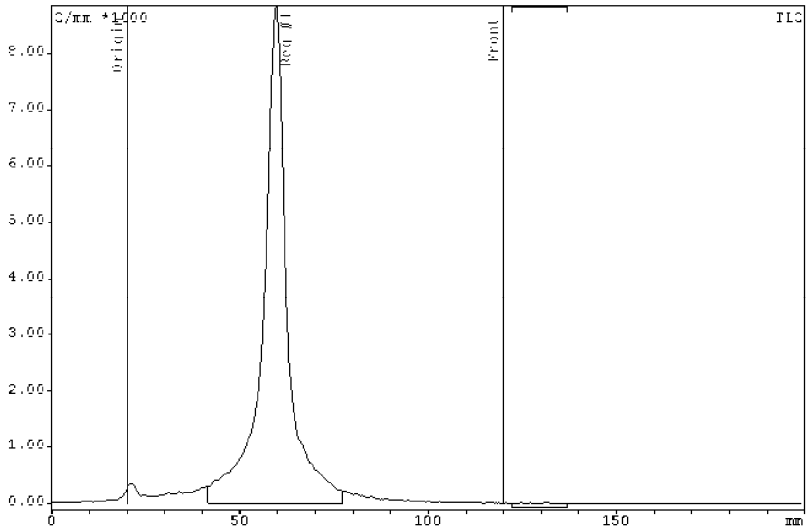

C/mm *1000
Origin
Front
TLC
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
0
20
40
60
80
100
120
mm

Figure 38

(a)


C/mm *1000
Origin
Peak #1
Front
TLC
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
0
50
100
150
mm

(b)

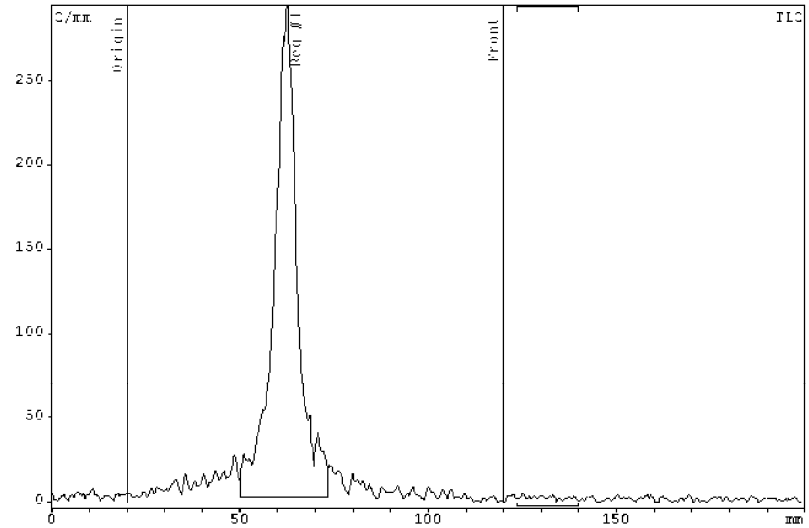
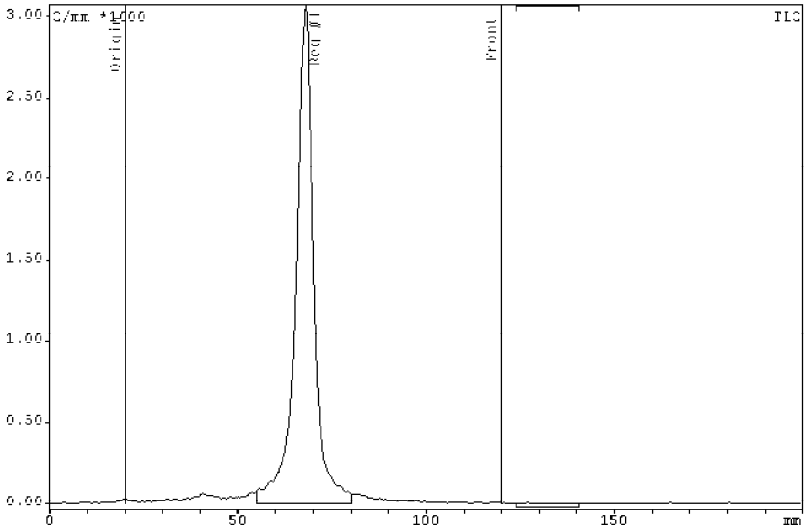

C/mm
Origin
Peak #1
Front
TLC
250
200
150
100
50
0
0
50
100
150
mm

Figure 39

(a)


C/mm *1000
Origin
Peak #1
Front
TIC
3.00
2.50
2.00
1.50
1.00
0.50
0.00
0
50
100
150
mm

(b)

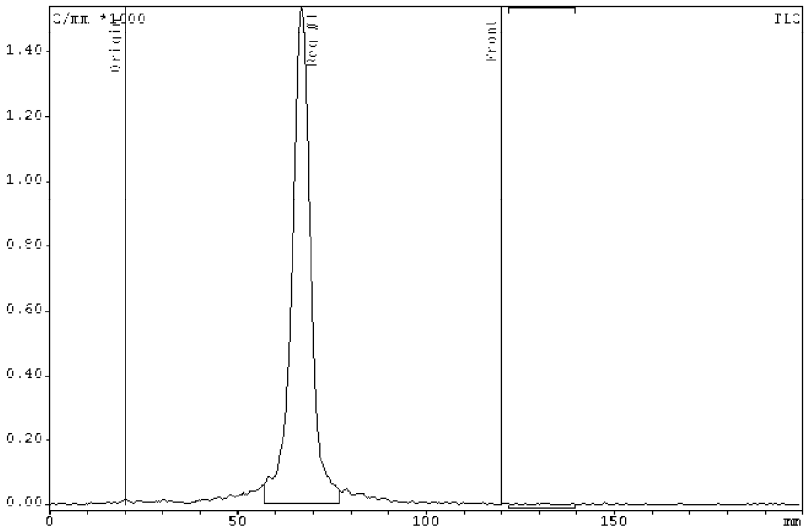
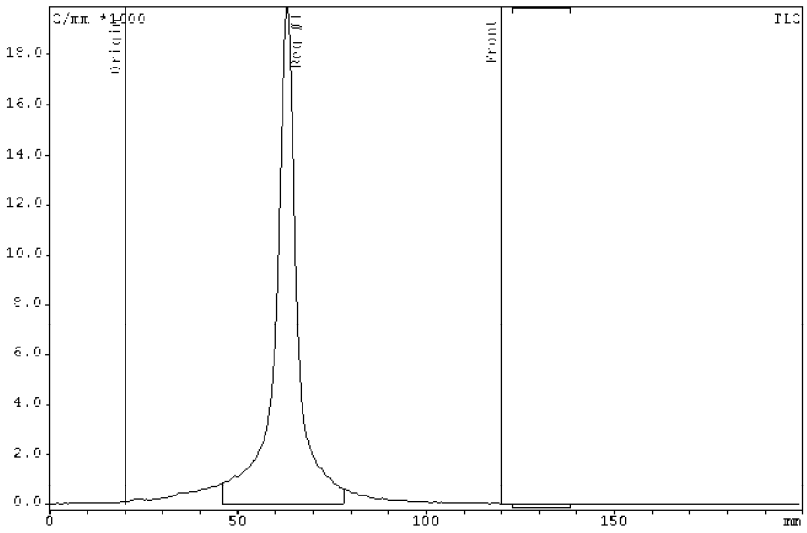

C/mm *1000
Origin
Peak #1
Front
TIC
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
0
50
100
150
mm

Figure 40

(a)


C/nm *1000
Origin
Peak 1
Front
TLC
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0
50
100
150
mm

(b)

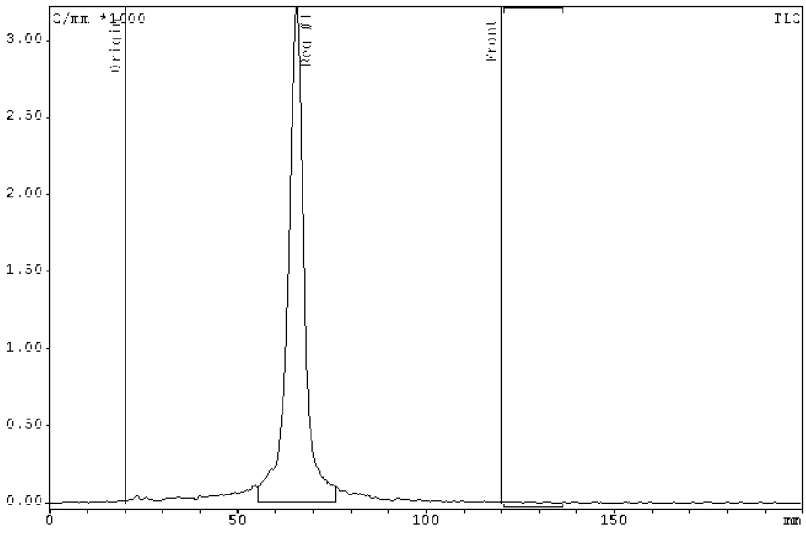
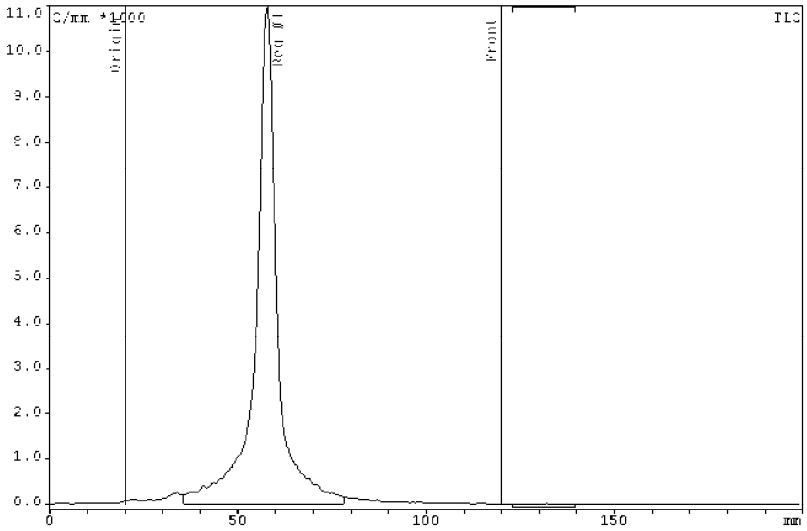

C/nm *1000
Origin
Peak 1
Front
TLC
3.00
2.50
2.00
1.50
1.00
0.50
0.00
0
50
100
150
mm

Figure 41

(a)


C/mm *1000
Origin
Peak 1
Front
TLC
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
mm

(b)

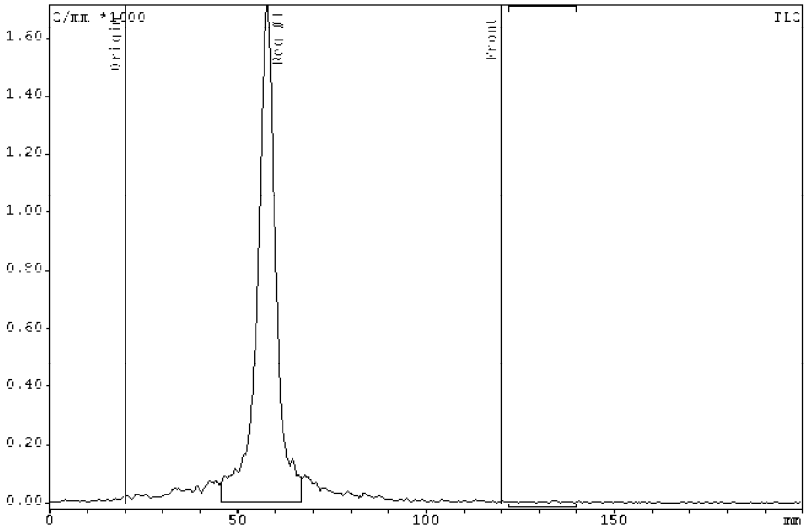
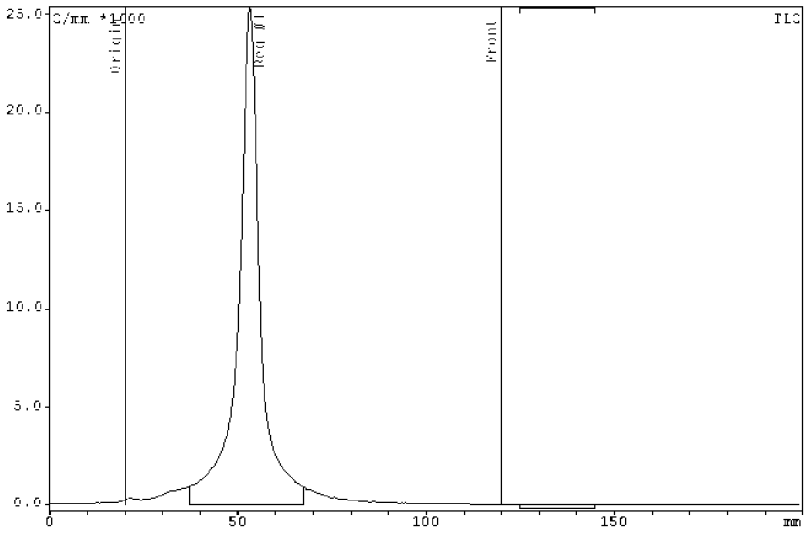

C/mm *1000
Origin
Peak 1
Front
TLC
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
0
50
100
150
mm

Figure 42

(a)


C/mm *1000
Origin
Peak #1
Front
TLC
25.0
20.0
15.0
10.0
5.0
0.0
0
50
100
150
mm

(b)

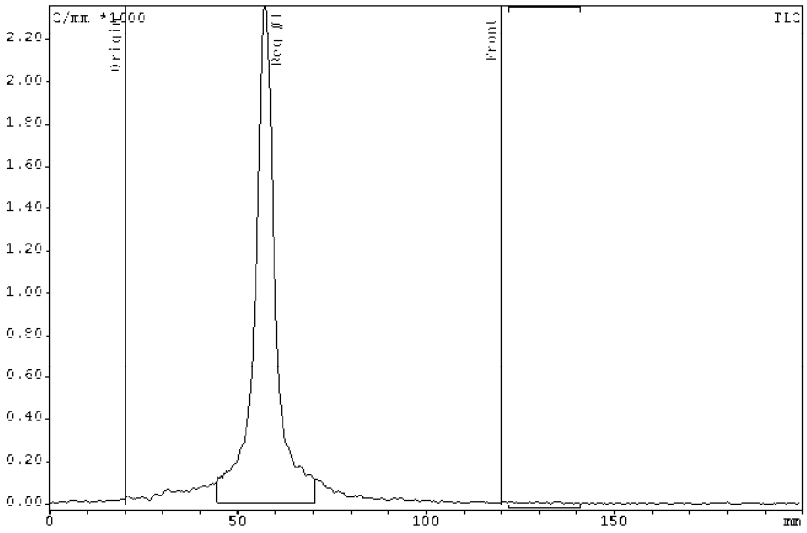
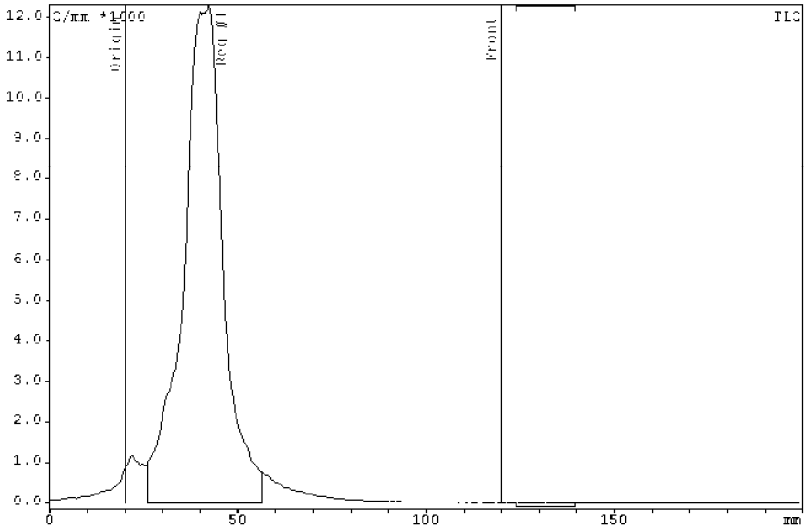

C/mm *1000
Origin
Peak #1
Front
TLC
2.20
2.00
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
0
50
100
150
mm

Figure 43

(a)


C/mm *1000
Start
Peak #1
Front
TLC
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
50
100
150
mm

(b)

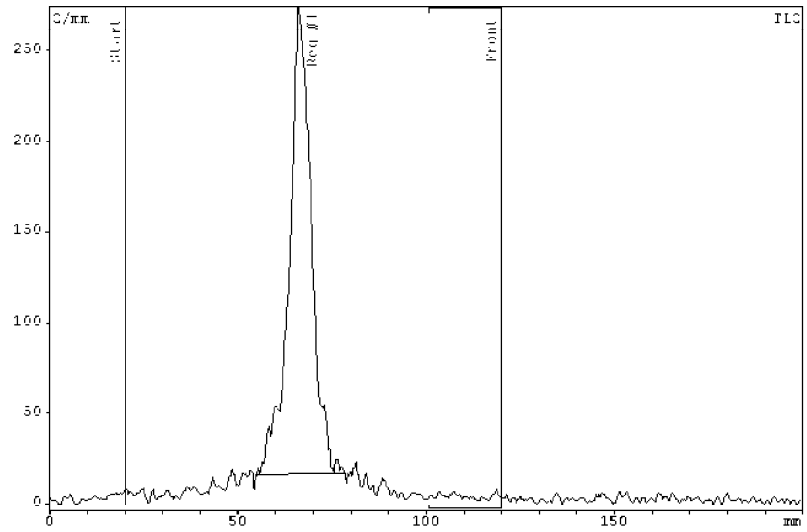
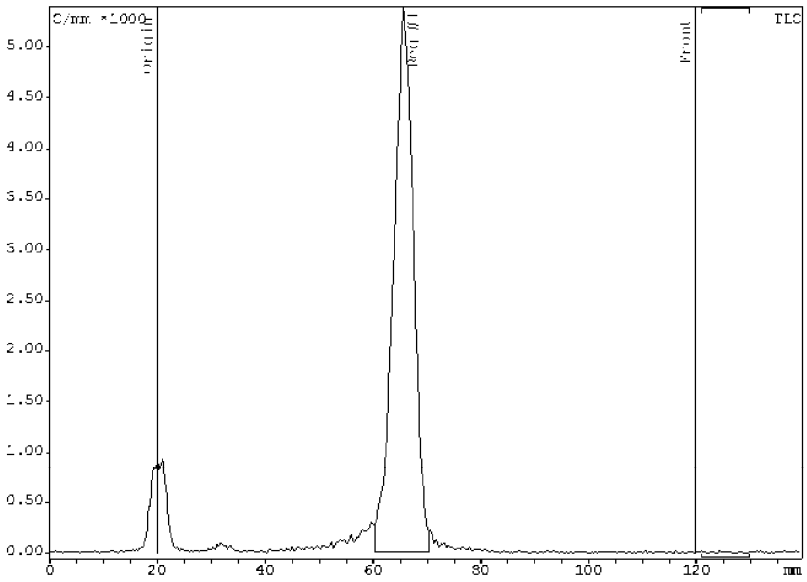

C/mm
Start
Peak #1
Front
TLC
250
200
150
100
50
0
0
50
100
150
mm

Figure 44

(a)


C/mm. *1000
Origin
Peak 1
Front
TLC
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
0
20
40
60
80
100
120
mm

(b)

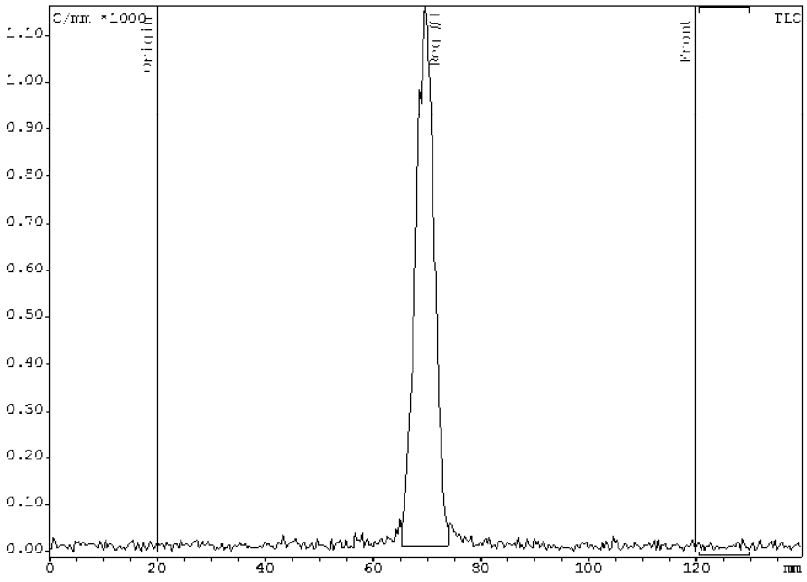

C/mm. *1000
Origin
Peak 1
Front
TLC
1.10
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
0
20
40
60
80
100
120
mm

Figure 45