FIG. 1

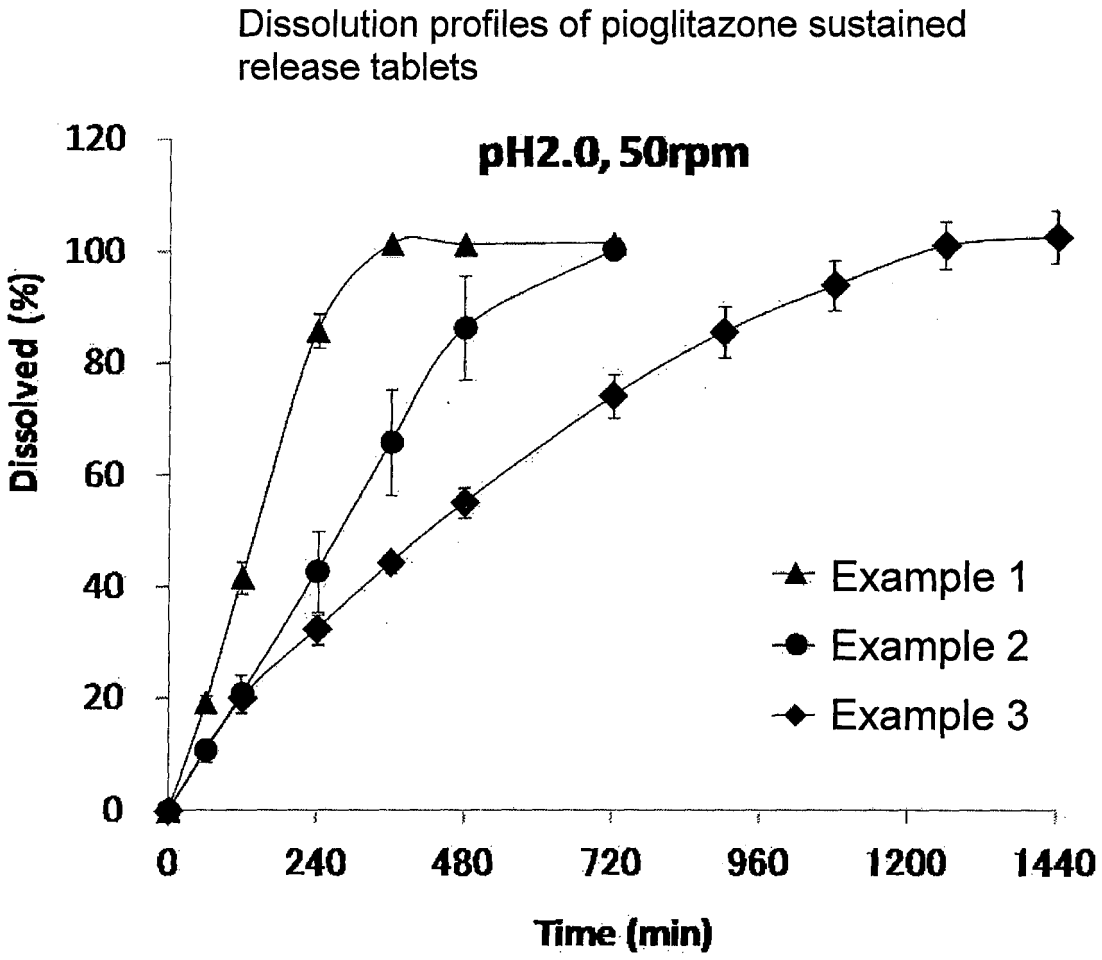

Dissolution profiles of pioglitazone sustained release tablets
pH2.0, 50rpm
Dissolved (%)
120
100
80
60
40
20
0
0
240
480
720
960
1200
1440
Time (min)
Example 1
Example 2
Example 3

FIG. 2

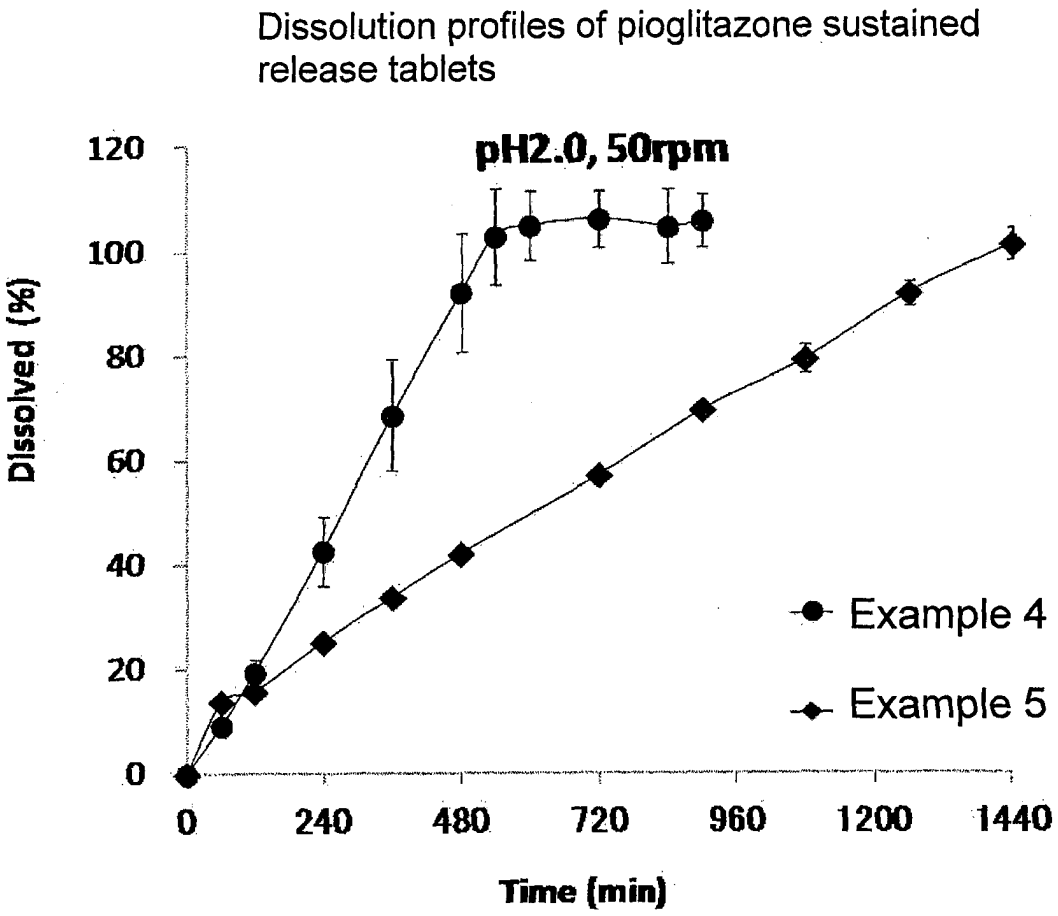

Dissolution profiles of pioglitazone sustained release tablets
pH2.0, 50rpm
Dissolved (%)
120
100
80
60
40
20
0
0
240
480
720
960
1200
1440
Time (min)
Example 4
Example 5

FIG. 3

Plasma concentration profiles of pioglitazone after administration of pioglitazone 1mg sustained release tablets under fasting conditions

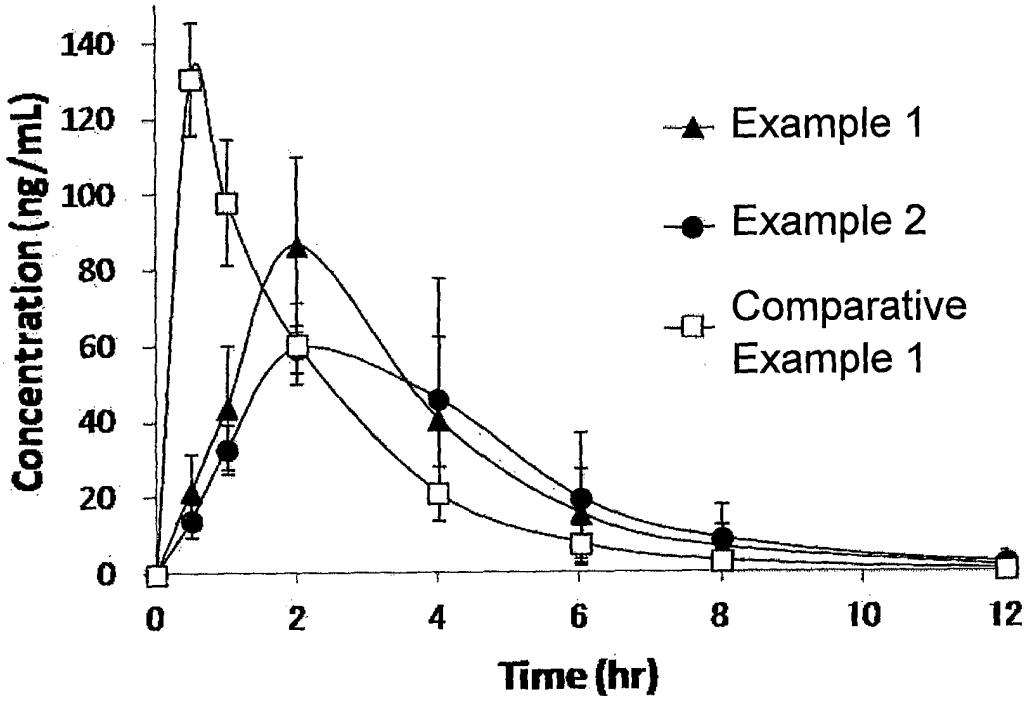


FIG. 4

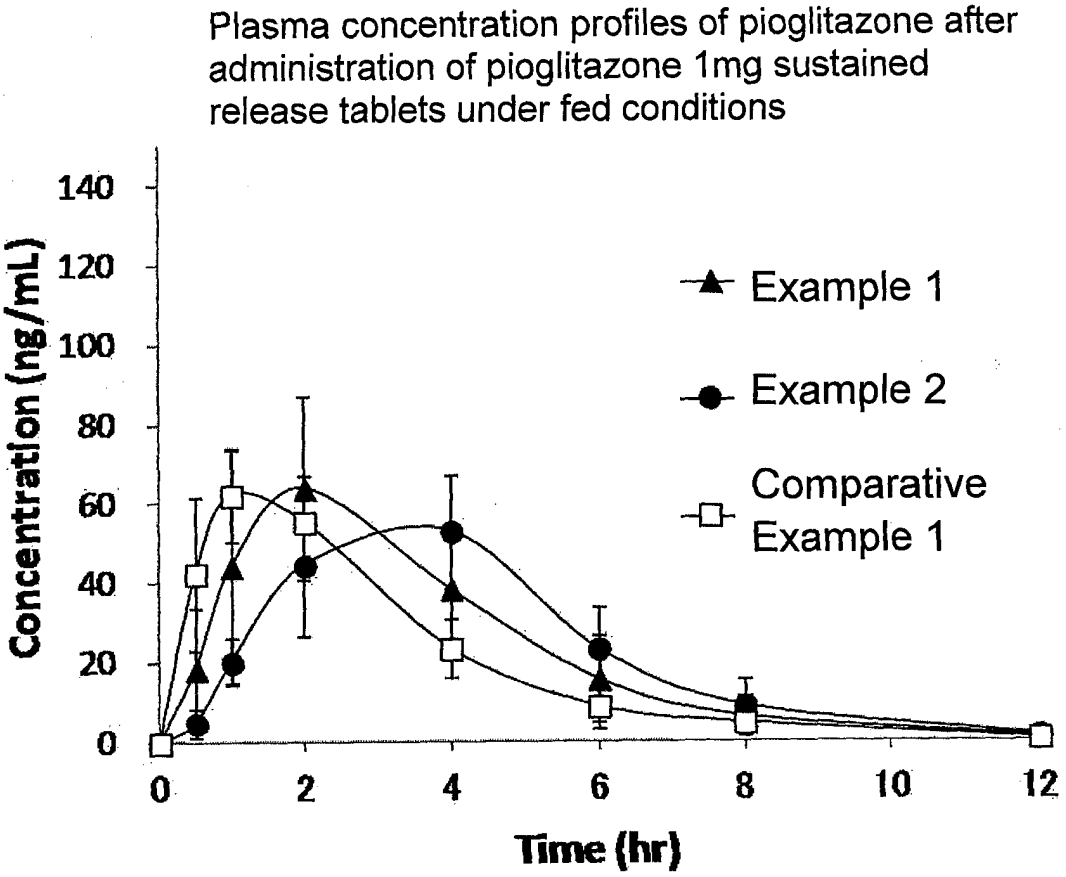

Plasma concentration profiles of pioglitazone after administration of pioglitazone 1mg sustained release tablets under fed conditions
Concentration (ng/mL)
140
120
100
80
60
40
20
0
0
2
4
6
8
10
12
Time (hr)
Example 1
Example 2
Comparative Example 1

FIG. 5

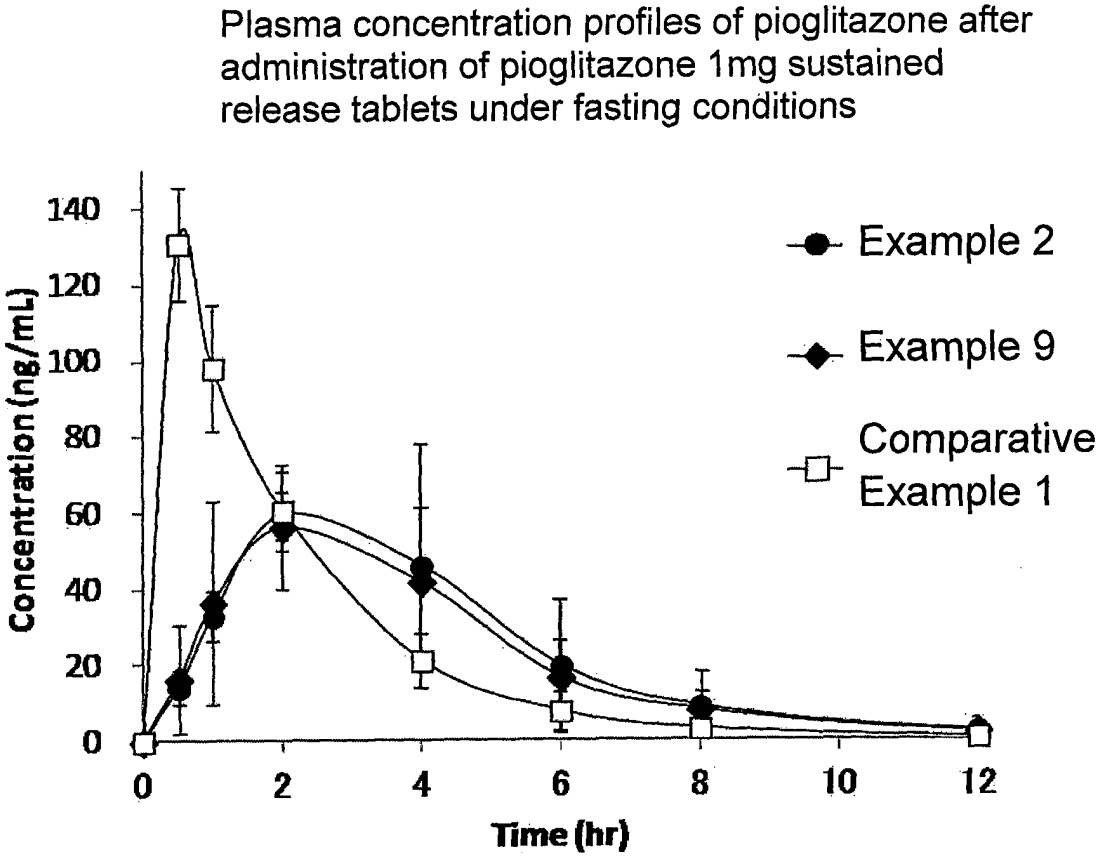

Plasma concentration profiles of pioglitazone after administration of pioglitazone 1mg sustained release tablets under fasting conditions
Concentration (ng/mL)
140
120
100
80
60
40
20
0
0
2
4
6
8
10
12
Time (hr)
Example 2
Example 9
Comparative Example 1

FIG. 6

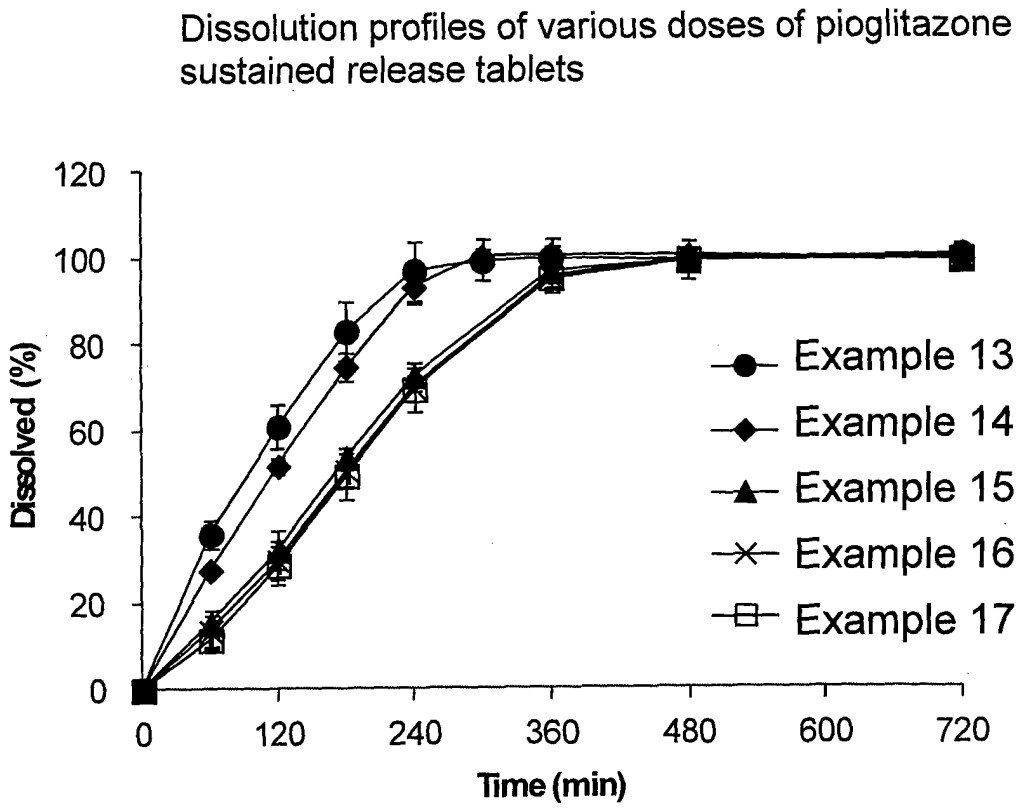

Dissolution profiles of various doses of pioglitazone sustained release tablets
Dissolved (%)
120
100
80
60
40
20
0
0
120
240
360
480
600
720
Time (min)
Example 13
Example 14
Example 15
Example 16
Example 17

FIG. 7

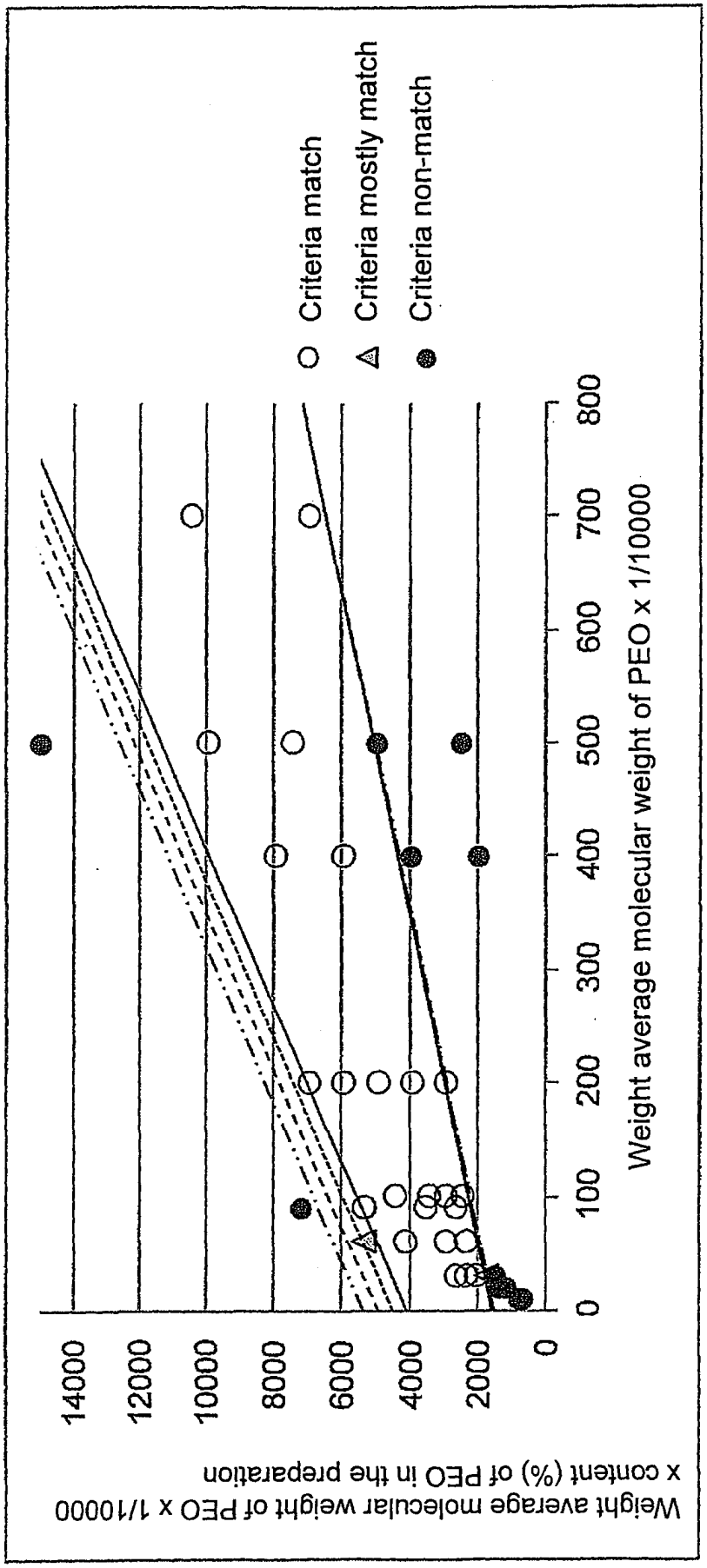
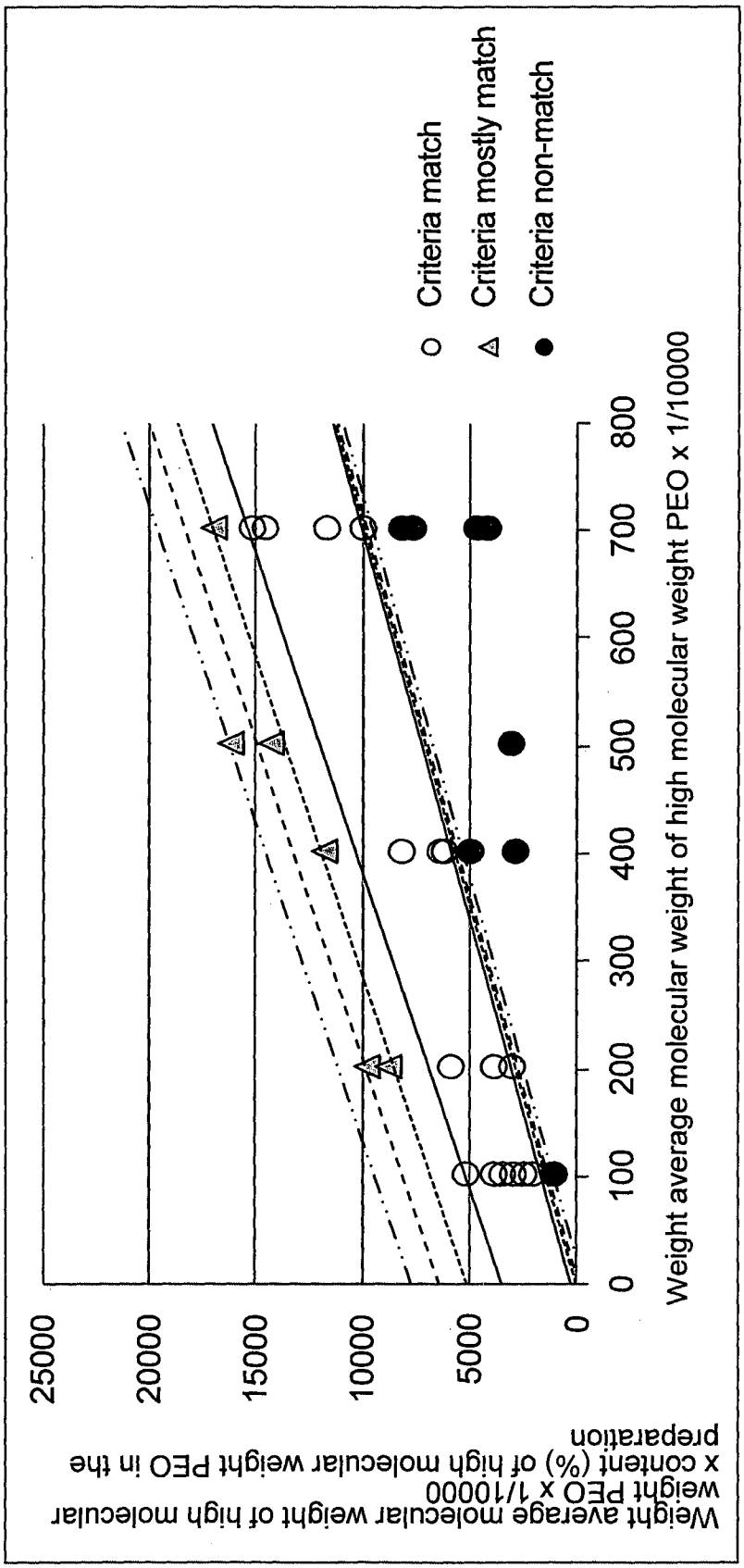

Weight average molecular weight of PEO x 1/10000 x content (%) of PEO in the preparation
Weight average molecular weight of PEO x 1/10000
0
2000
4000
6000
8000
10000
12000
14000
0
100
200
300
400
500
600
700
800
Criteria match
Criteria mostly match
Criteria non-match

FIG. 8


Weight average molecular weight of high molecular weight PEO x 1/10000
x content (%) of high molecular weight PEO in the preparation
25000
20000
15000
10000
5000
0
0
100
200
300
400
500
600
700
800
Weight average molecular weight of high molecular weight PEO x 1/10000
Criteria match
Criteria mostly match
Criteria non-match