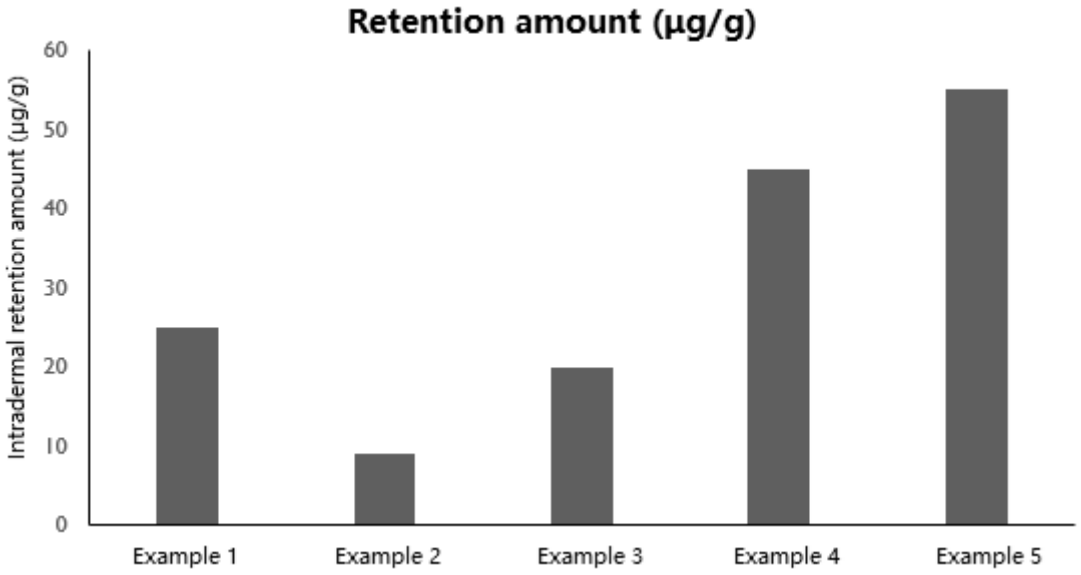

Retention amount (μg/g)
Intradermal retention amount (μg/g)
60
50
40
30
20
10
0
Example 1
Example 2
Example 3
Example 4
Example 5

FIG. 1

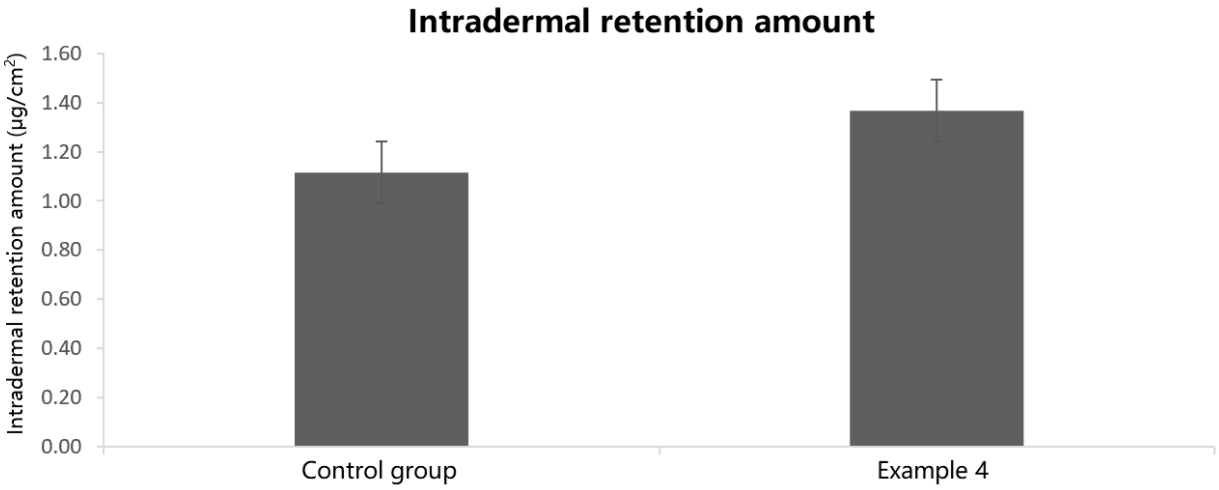

Intradermal retention amount
Intradermal retention amount (μg/cm²)
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Control group
Example 4

FIG. 2

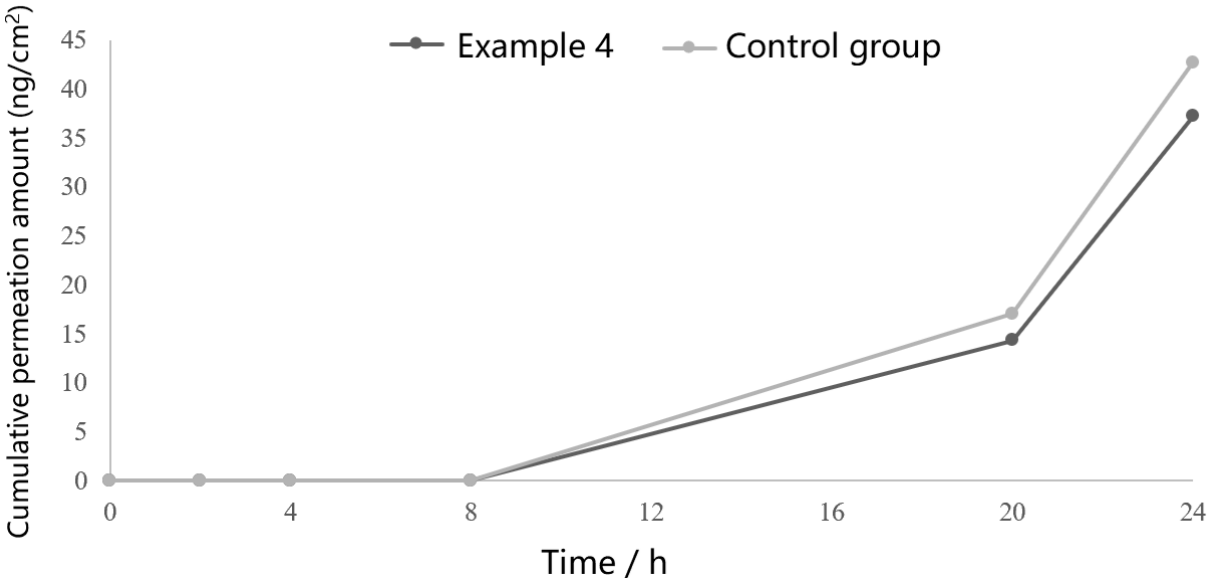

Example 4
Control group
Cumulative permeation amount (ng/cm²)
45
40
35
30
25
20
15
10
5
0
0
4
8
12
16
20
24
Time / h

FIG. 3

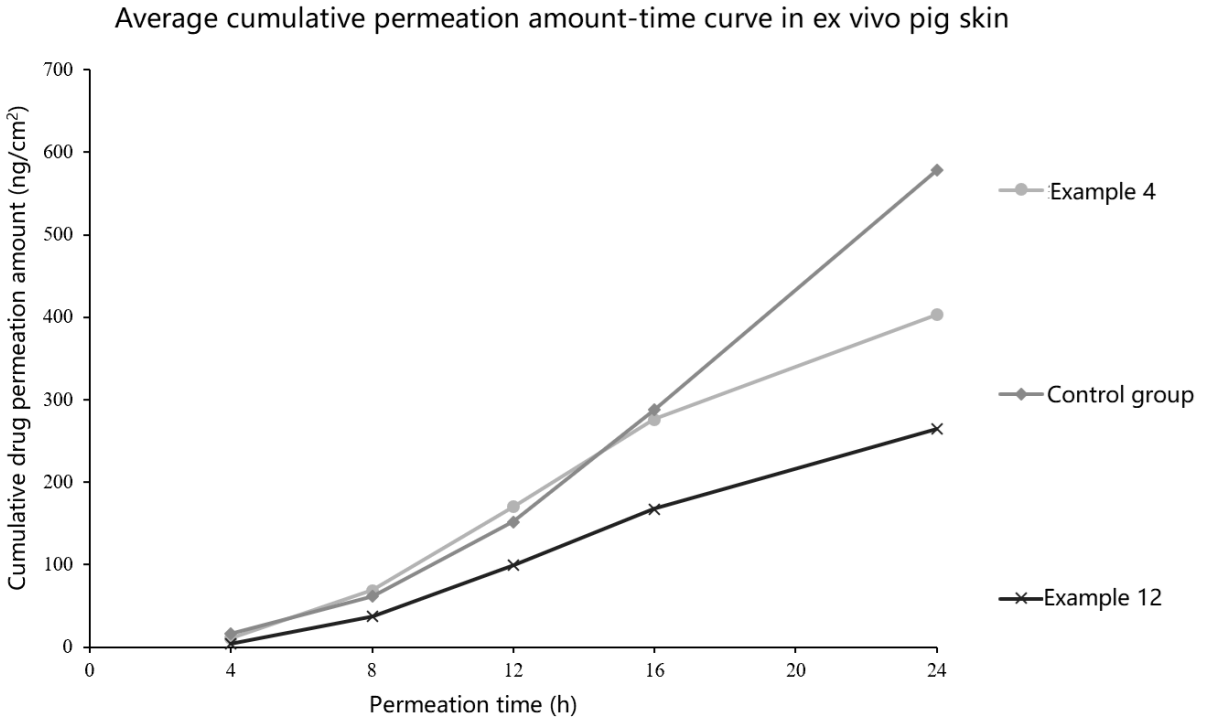

Average cumulative permeation amount-time curve in ex vivo pig skin
Cumulative drug permeation amount (ng/cm²)
700
600
500
400
300
200
100
0
0
4
8
12
16
20
24
Permeation time (h)
Example 4
Control group
Example 12

FIG. 4

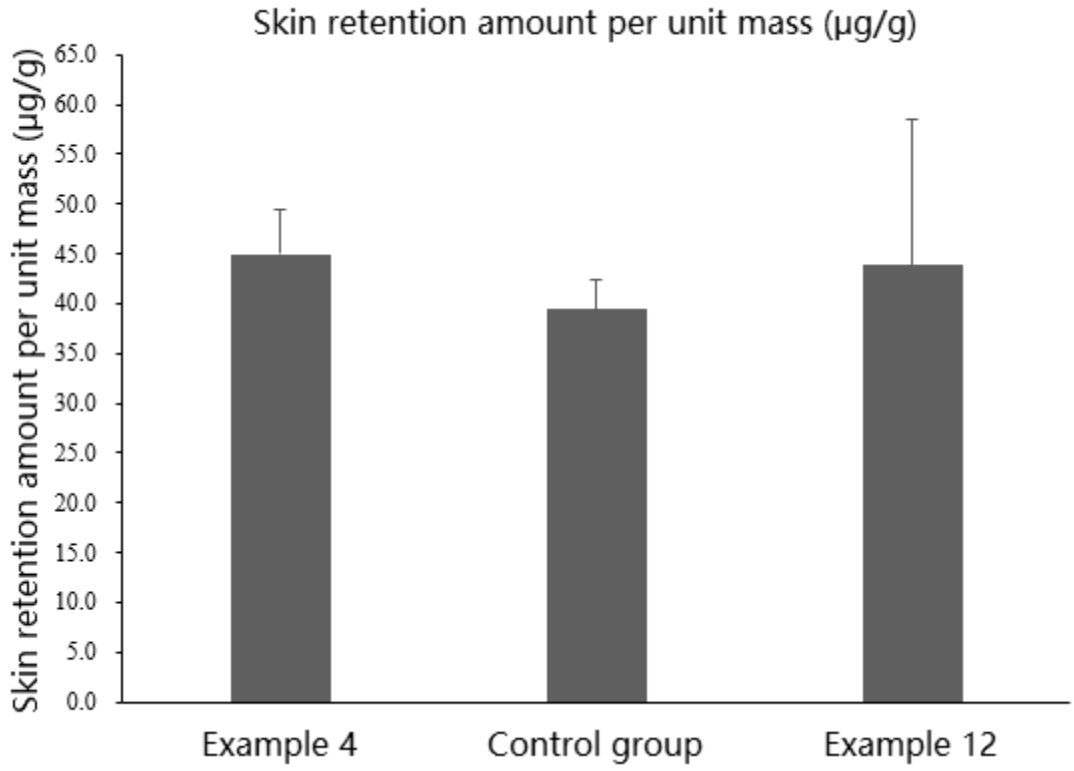

Skin retention amount per unit mass (μg/g)
Skin retention amount per unit mass (μg/g)
65.0
60.0
55.0
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Example 4
Control group
Example 12

FIG. 5

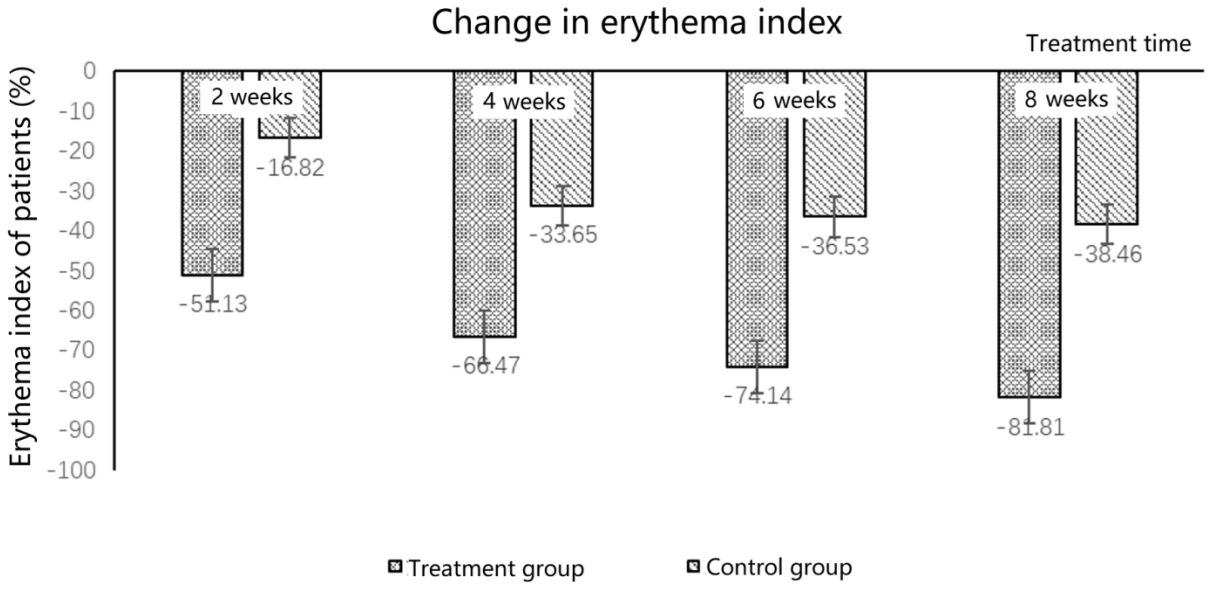

Change in erythema index
Treatment time
Erythema index of patients (%)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
2 weeks
4 weeks
6 weeks
8 weeks
-16.82
-51.13
-33.65
-66.47
-36.53
-74.14
-38.46
-81.81
Treatment group
Control group

FIG. 6

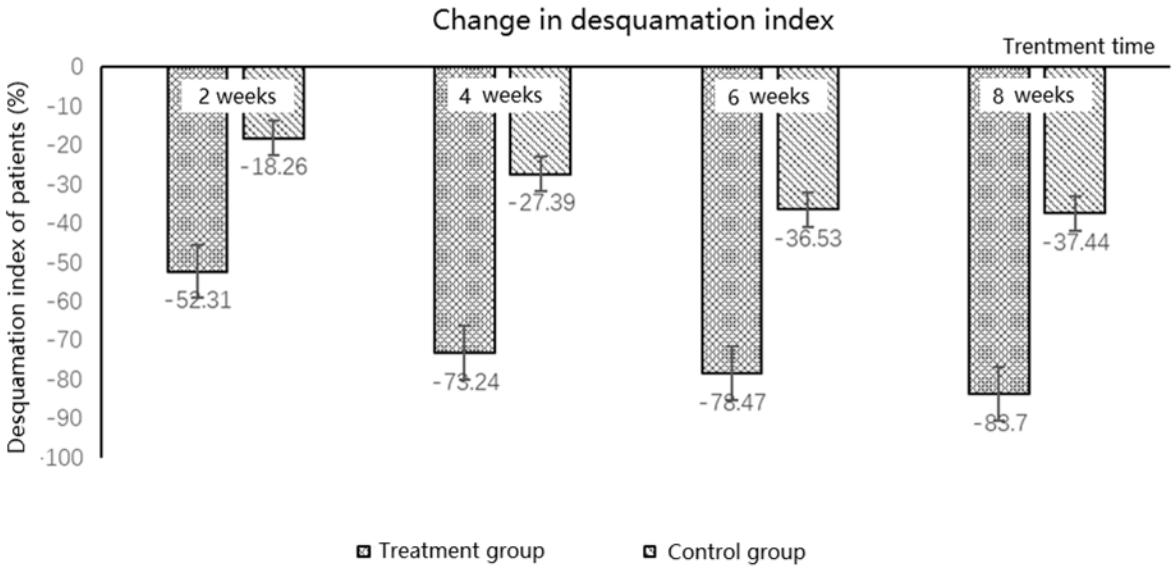

Change in desquamation index
Trentment time
Desquamation index of patients (%)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
2 weeks
4 weeks
6 weeks
8 weeks
-18.26
-52.31
-27.39
-73.24
-36.53
-78.47
-37.44
-83.7
Treatment group
Control group

FIG. 7