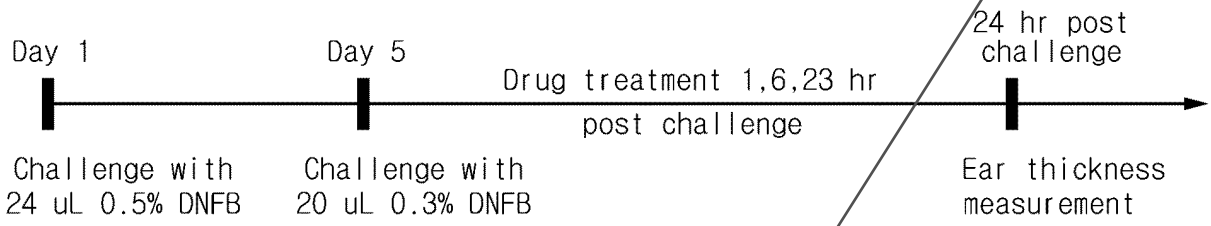
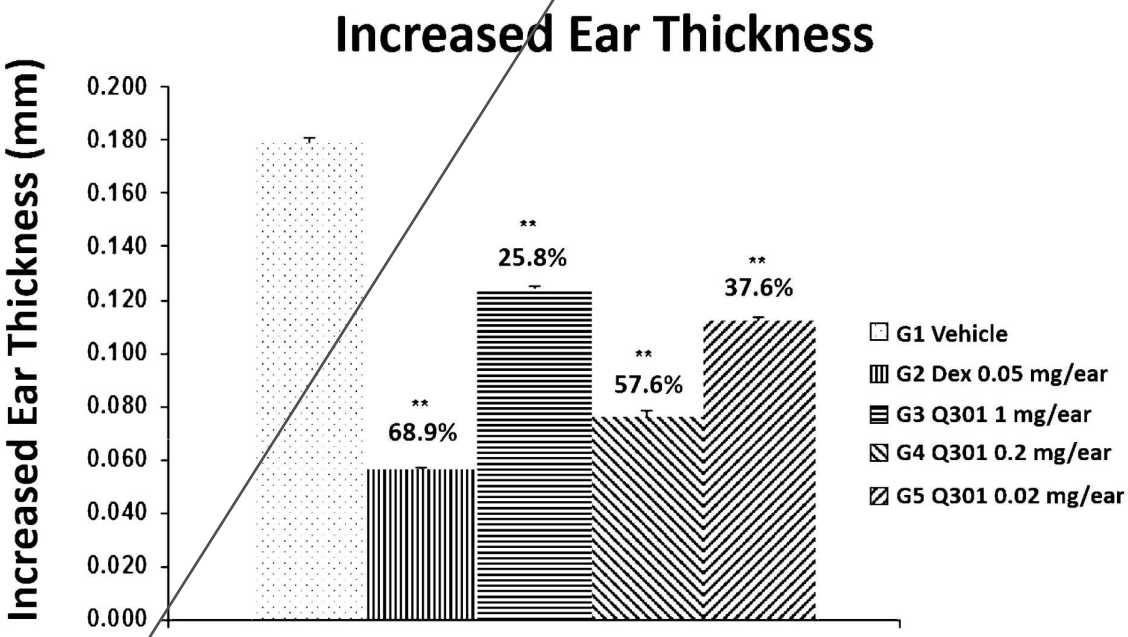
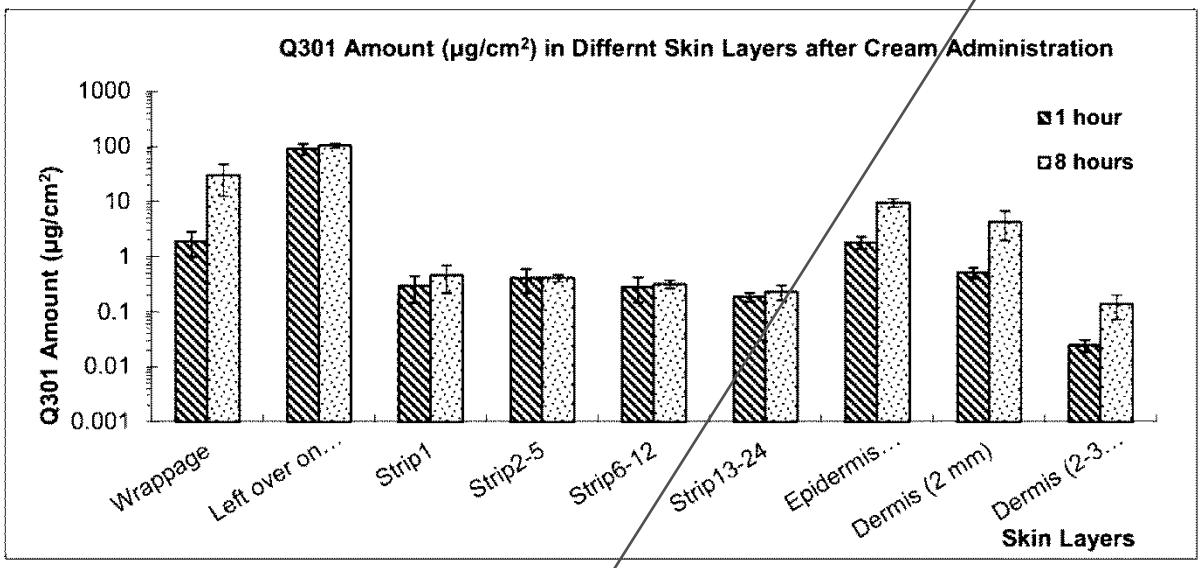
[FIG. 1]


Day 1
Day 5
Drug treatment 1,6,23 hr
post challenge
24 hr post
challenge
Challenge with
24 uL 0.5% DNFB
Challenge with
20 uL 0.3% DNFB
Ear thickness
measurement

[FIG. 2]


Increased Ear Thickness
Increased Ear Thickness (mm)
0.200
0.180
0.160
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
**
68.9%
**
25.8%
**
57.6%
**
37.6%
G1 Vehicle
G2 Dex 0.05 mg/ear
G3 Q301 1 mg/ear
G4 Q301 0.2 mg/ear
G5 Q301 0.02 mg/ear

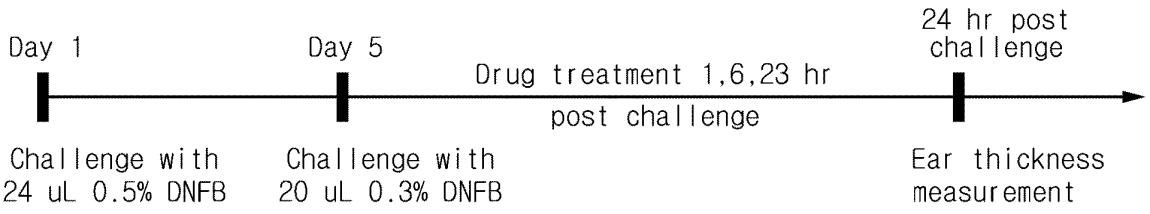
[FIG. 3]


Q301 Amount (μg/cm²) in Differnt Skin Layers after Cream Administration
Q301 Amount (μg/cm²)
1000
100
10
1
0.1
0.01
0.001
1 hour
8 hours
Wrappage
Left over on…
Strip1
Strip2-5
Strip6-12
Strip13-24
Epidermis…
Dermis (2 mm)
Dermis (2-3…
Skin Layers

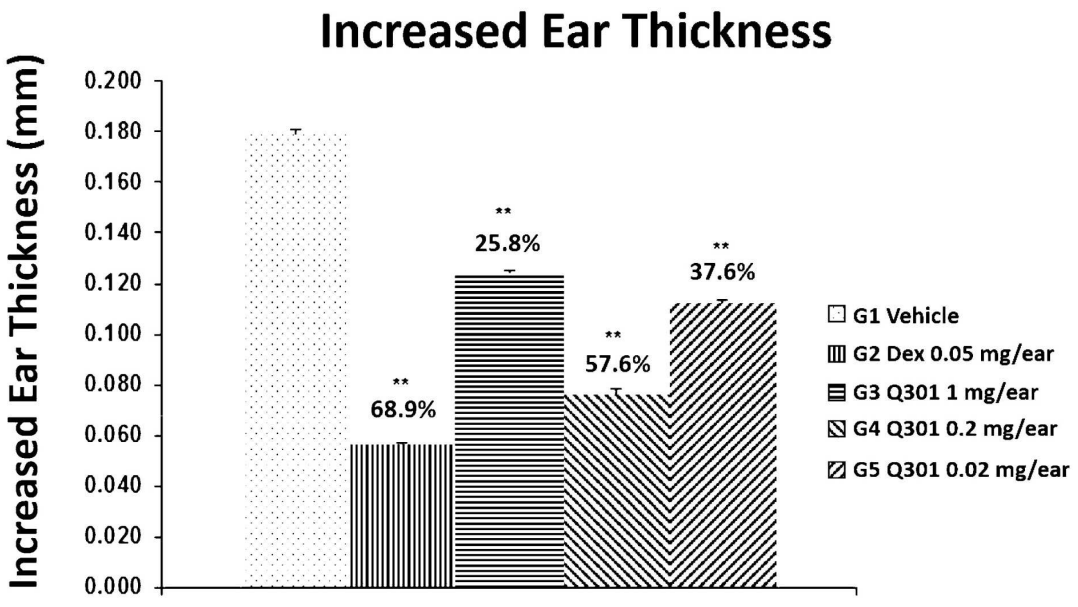
[FIG. 4]

Plasma Concentration of Cream 1(Q301) after TP at 20 mg/cm^2 (ng/mL)							
Time (h)	Concentration for animal (ng/mL)						Mean (ng/mL)
	P1	P2	P3	P4	P5	P6	
-0.50	BQL	BQL	BQL	BQL	BQL	BQL	**ND**
0.25	BQL	6.14	BQL	--	--	--	**ND**
0.50	--	--	--	BQL	BQL	BQL	**ND**
1.00	BQL	BQL	BQL	--	--	--	**ND**
1.50	--	--	--	BQL	BQL	BQL	**ND**
2.00	--	--	--	BQL	BQL	BQL	**ND**
3.00	--	--	--	BQL	BQL	BQL	**ND**
4.00	--	--	--	BQL	BQL	BQL	**ND**
6.00	--	--	--	BQL	BQL	BQL	**ND**
8.00	--	--	--	BQL	BQL	BQL	**ND**

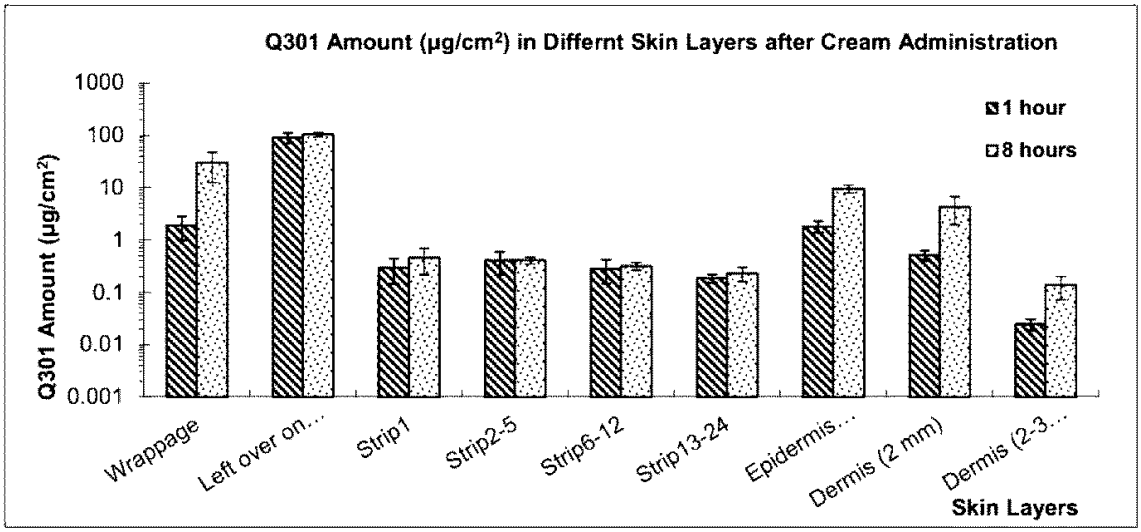
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Increased Ear Thickness (mm)
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G3 Q301 1 mg/ear
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Epidermis…
Dermis (2 mm)
Dermis (2-3…
Skin Layers

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0.50	--	--	--	BQL	BQL	BQL	**ND**
1.00	BQL	BQL	BQL	--	--	--	**ND**
1.50	--	--	--	BQL	BQL	BQL	**ND**
2.00	--	--	--	BQL	BQL	BQL	**ND**
3.00	--	--	--	BQL	BQL	BQL	**ND**
4.00	--	--	--	BQL	BQL	BQL	**ND**
6.00	--	--	--	BQL	BQL	BQL	**ND**
8.00	--	--	--	BQL	BQL	BQL	**ND**