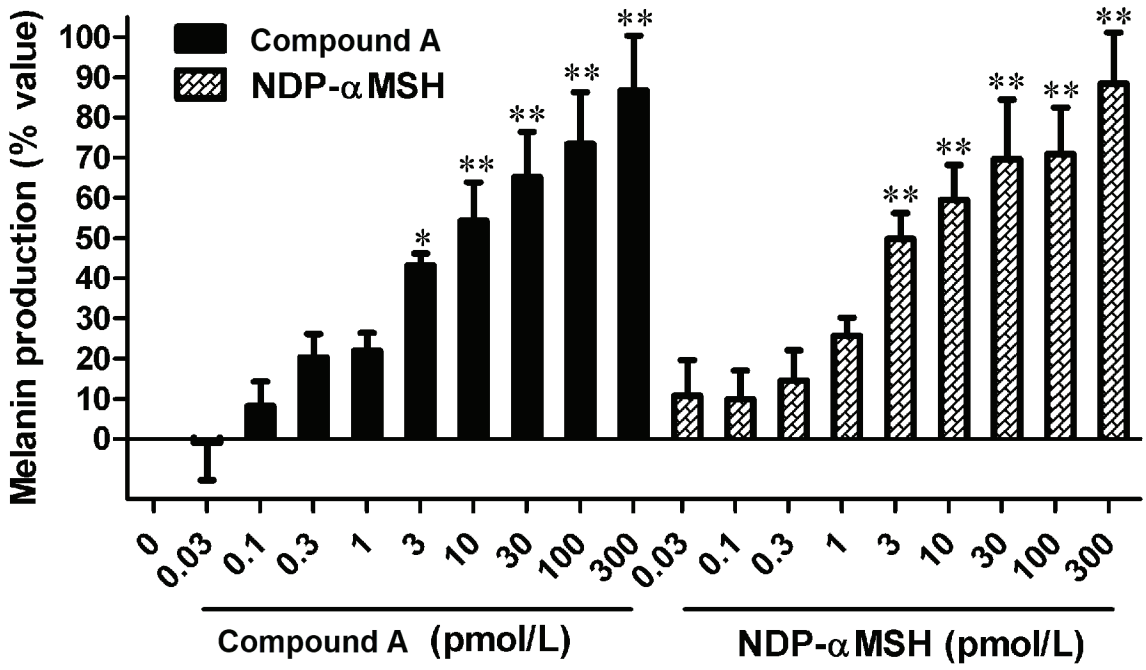
Melanin production (% value)
Compound A
NDP-αMSH
100
90
80
70
60
50
40
30
20
10
0
0
0.03
0.1
0.3
1
3
10
30
100
300
0.03
0.1
0.3
1
3
10
30
100
300
Compound A (pmol/L)
NDP-αMSH (pmol/L)

Fig. 1

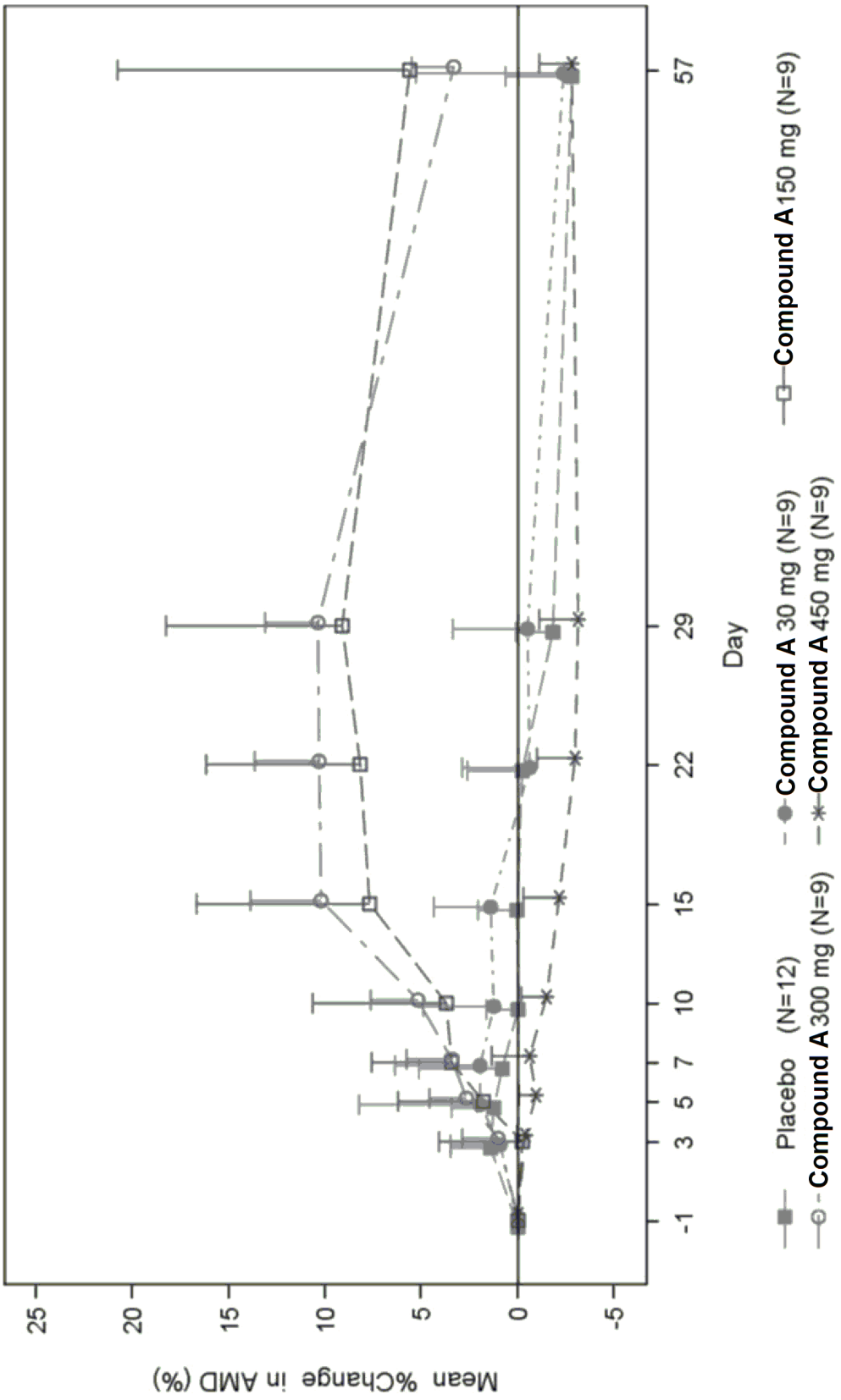
Mean %Change in AMD (%)
25
20
15
10
5
0
-5
-1
3
5
7
10
15
22
29
57
Day
Placebo (N=12)
Compound A 30 mg (N=9)
Compound A 150 mg (N=9)
Compound A 300 mg (N=9)
Compound A 450 mg (N=9)

Fig. 2

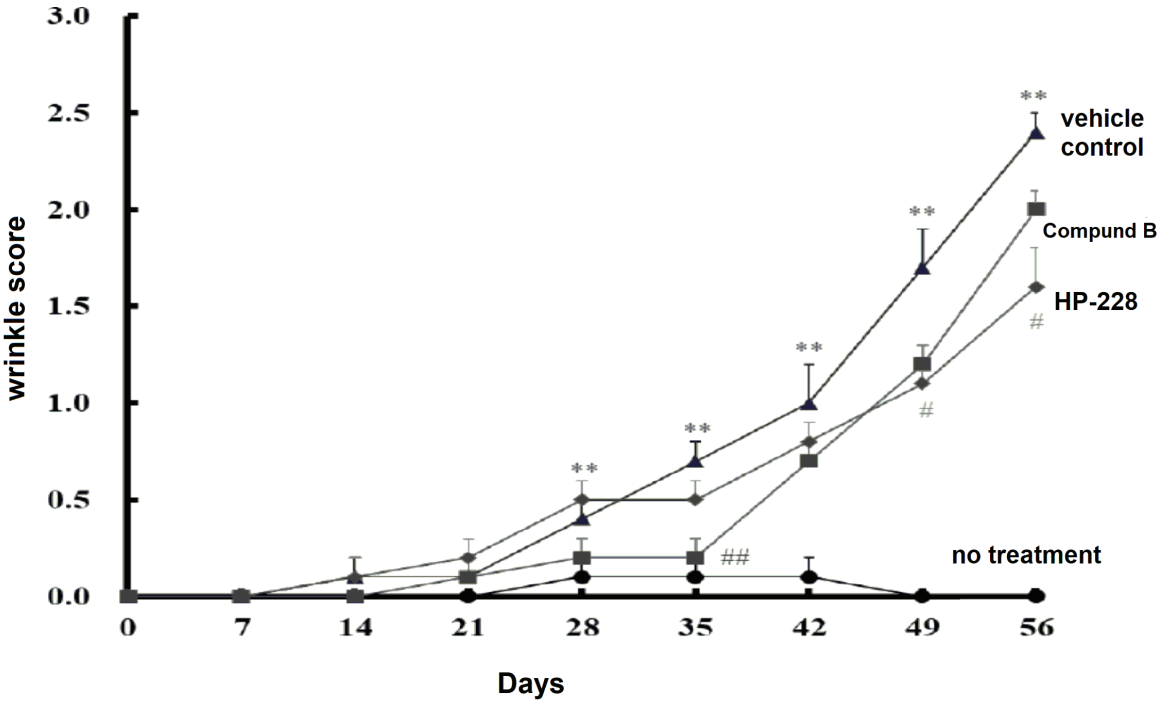
3.0
2.5
2.0
1.5
1.0
0.5
0.0
wrinkle score
0
7
14
21
28
35
42
49
56
Days
vehicle control
Compund B
HP-228
no treatment
**
#
##

Fig. 3

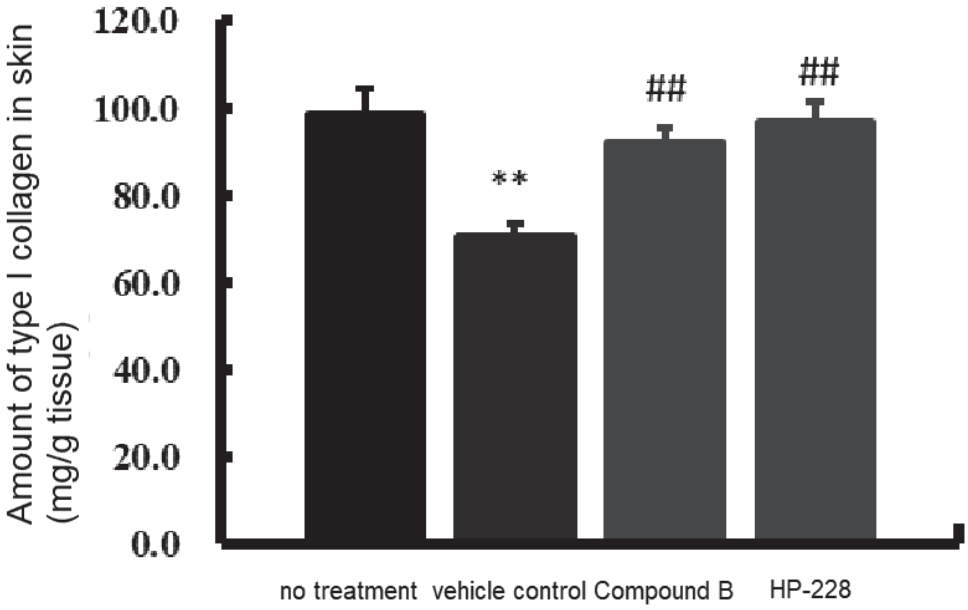
120.0
100.0
80.0
60.0
40.0
20.0
0.0
Amount of type I collagen in skin (mg/g tissue)
**
##
##
no treatment
vehicle control
Compound B
HP-228

Fig. 4