

Supplementary Table 2. Post-hoc analysis for 2-way repeated measures ANOVA on female mouse averaged body weight. Data are shown in Figure 2A and 2B.

Female	Vehicle vs 0.05 µg	Vehicle vs 0.50 µg	Vehicle vs 5.00 µg
Days on α-MSH Treatment	F (1,13) = 2.9 P = 0.1118	F (1,14) = 6.1 P = 0.0263	F (1,14) = 15 P = 0.0014
1	ns	ns	ns
2	ns	ns	P < 0.01
3	ns	P < 0.05	P < 0.05
4	ns	P < 0.01	P < 0.01
5	ns	P < 0.05	P < 0.05
6	ns	ns	P < 0.05
7	ns	ns	P < 0.01
8	ns	ns	P < 0.05
9	ns	ns	ns
10	ns	ns	ns
11	ns	ns	ns
12	ns	ns	ns
13	ns	ns	ns
14	ns	ns	ns
Days on Desacetyl-α-MSH Treatment	F (1,12) = 1.0 P = 0.3300	F (1,12) = 1.1 P = 0.3088	F (1,13) = 1.6 P = 0.2225
1	ns	ns	ns
2	ns	ns	ns
3	ns	ns	ns
4	ns	ns	ns
5	ns	ns	ns
6	ns	ns	ns
7	ns	ns	ns
8	ns	ns	ns
9	ns	ns	ns
10	ns	ns	ns
11	ns	ns	ns
12	ns	ns	ns
13	ns	ns	ns
14	ns	ns	ns