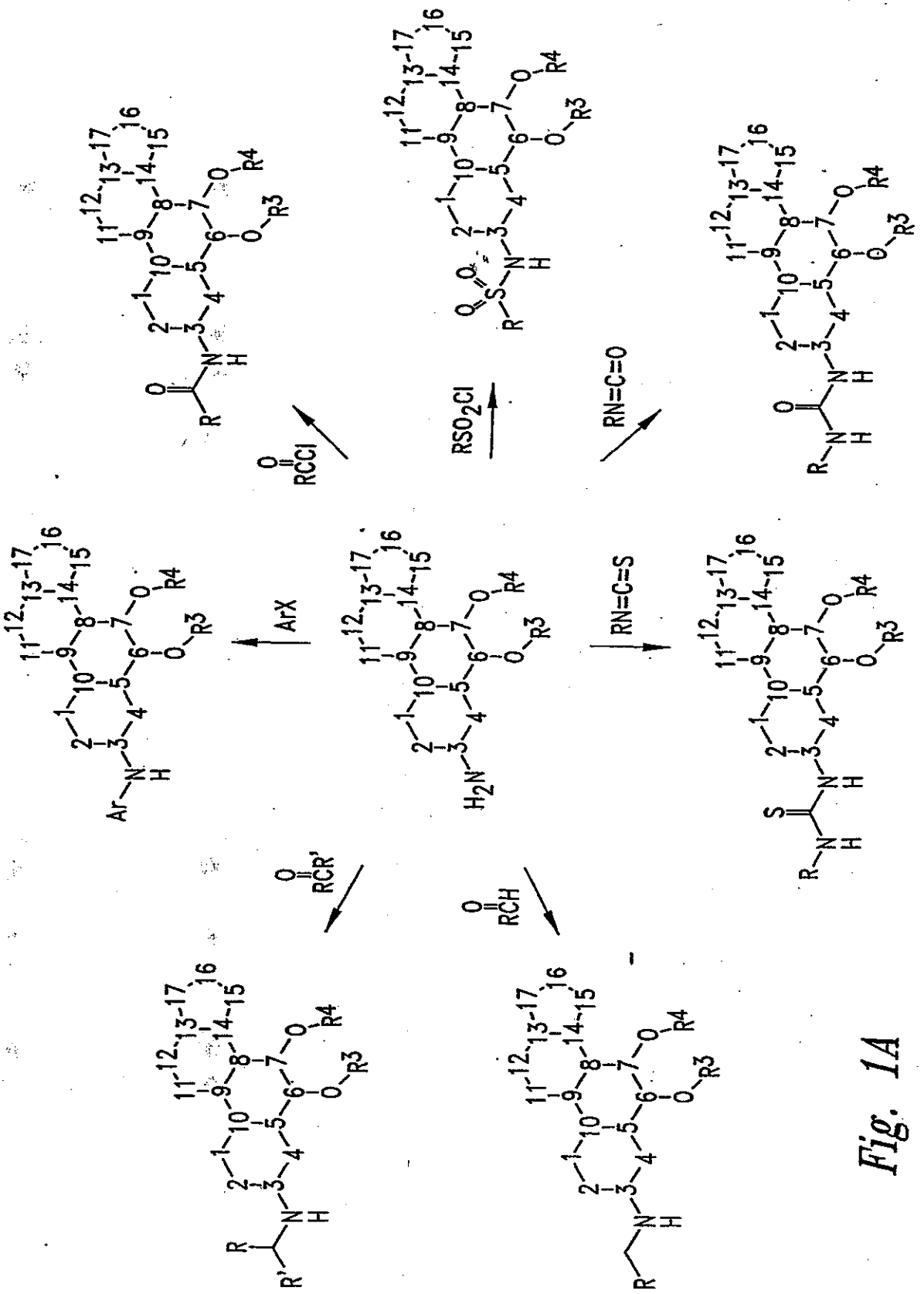


Fig. 1A

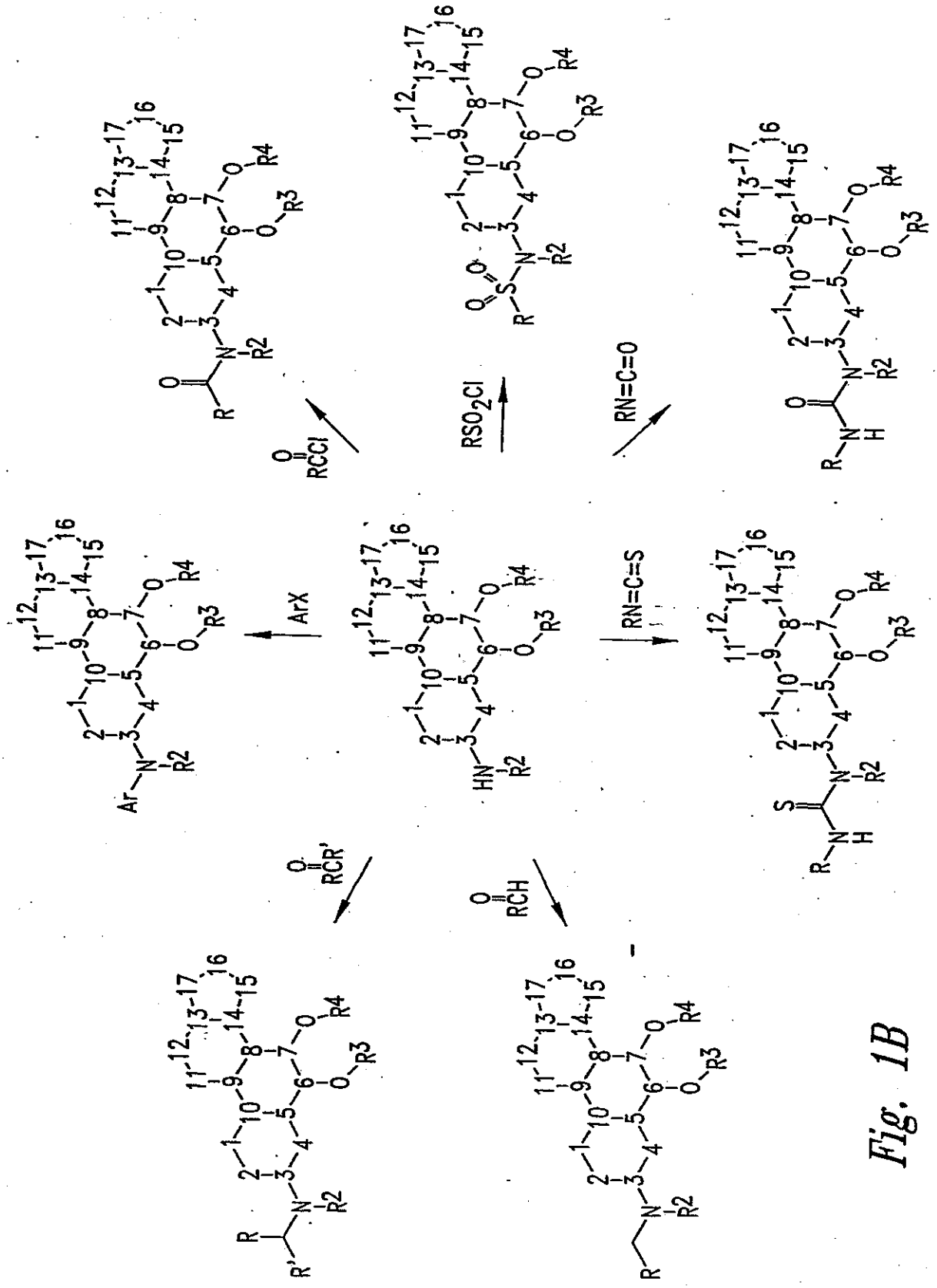


Fig. 1B

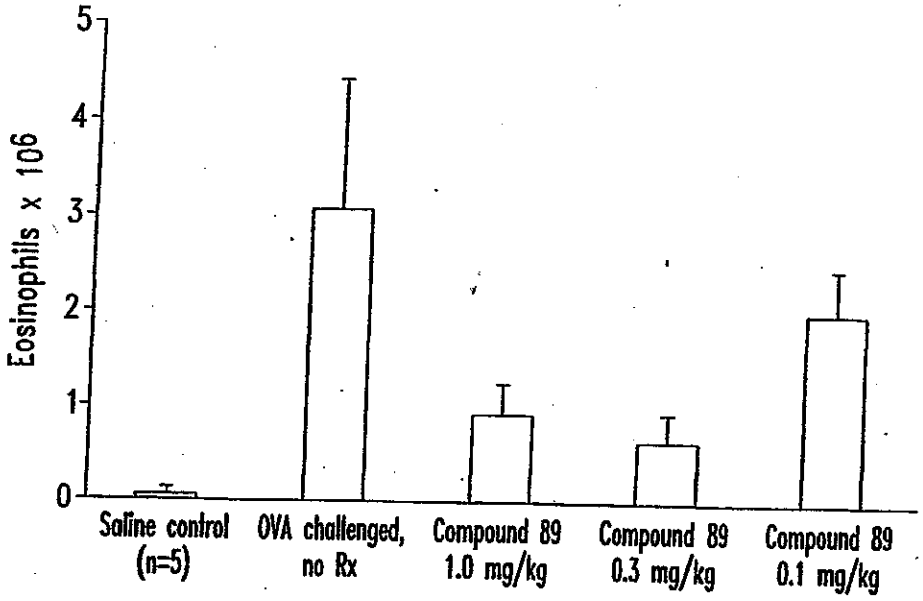

Eosinophils x 106
5
4
3
2
1
0
Saline control (n=5)
OVA challenged, no Rx
Compound 89 1.0 mg/kg
Compound 89 0.3 mg/kg
Compound 89 0.1 mg/kg

Fig. 2A

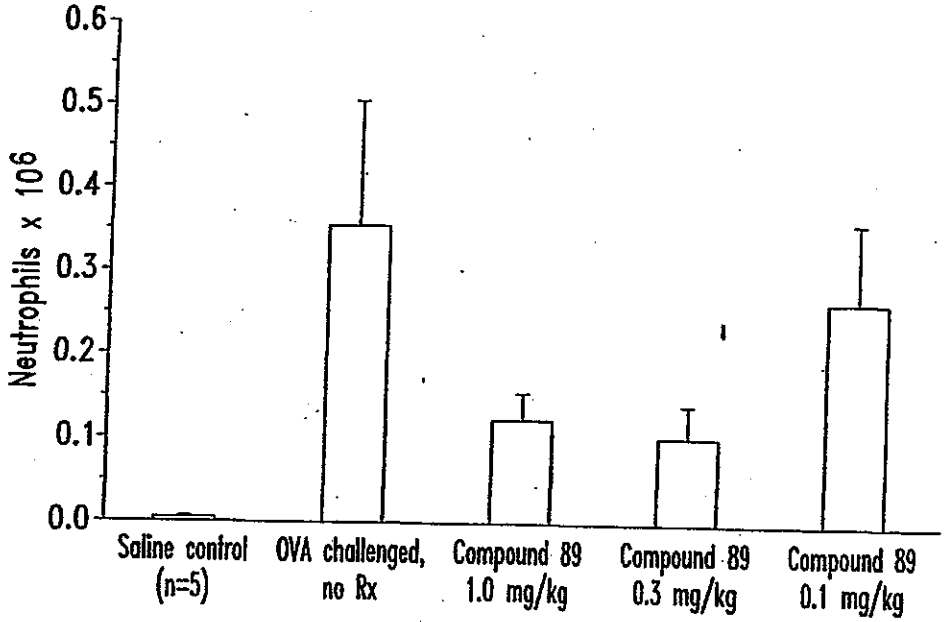

Neutrophils x 106
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Saline control (n=5)
OVA challenged, no Rx
Compound 89 1.0 mg/kg
Compound 89 0.3 mg/kg
Compound 89 0.1 mg/kg

Fig. 2B

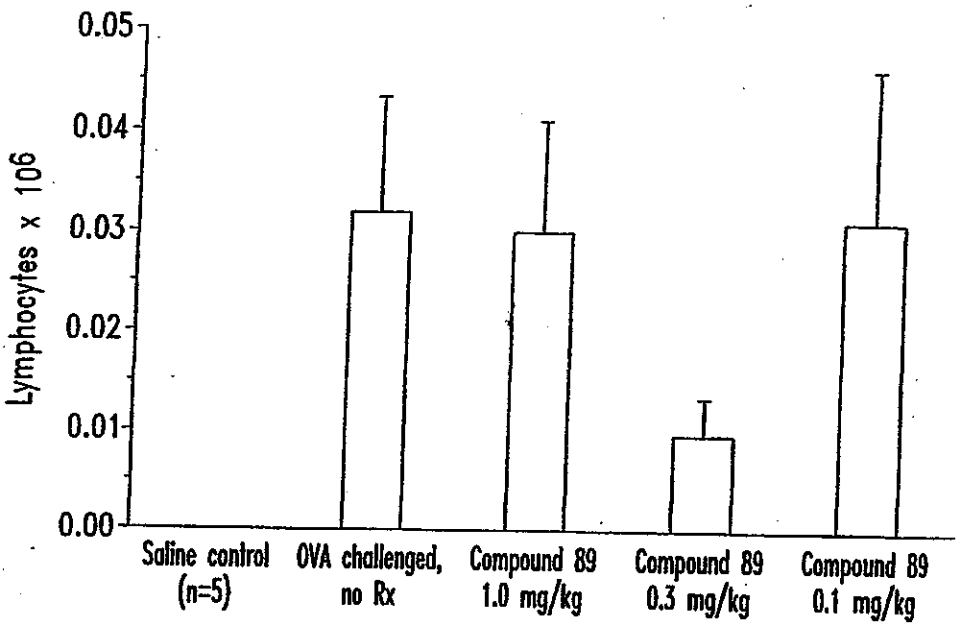

0.05
0.04
0.03
0.02
0.01
0.00
Lymphocytes x 10^6
Saline control (n=5)
OVA challenged, no Rx
Compound 89 1.0 mg/kg
Compound 89 0.3 mg/kg
Compound 89 0.1 mg/kg

Fig. 2C

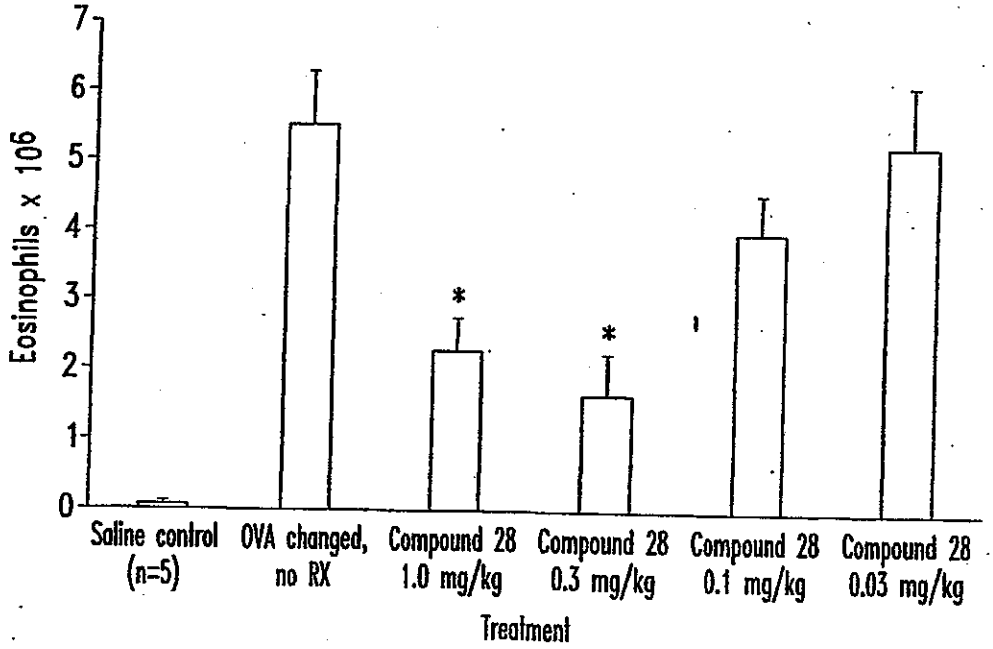

7
6
5
4
3
2
1
0
Eosinophils x 10^6
*
*
Saline control (n=5)
OVA changed, no RX
Compound 28 1.0 mg/kg
Compound 28 0.3 mg/kg
Compound 28 0.1 mg/kg
Compound 28 0.03 mg/kg
Treatment

Fig. 3A

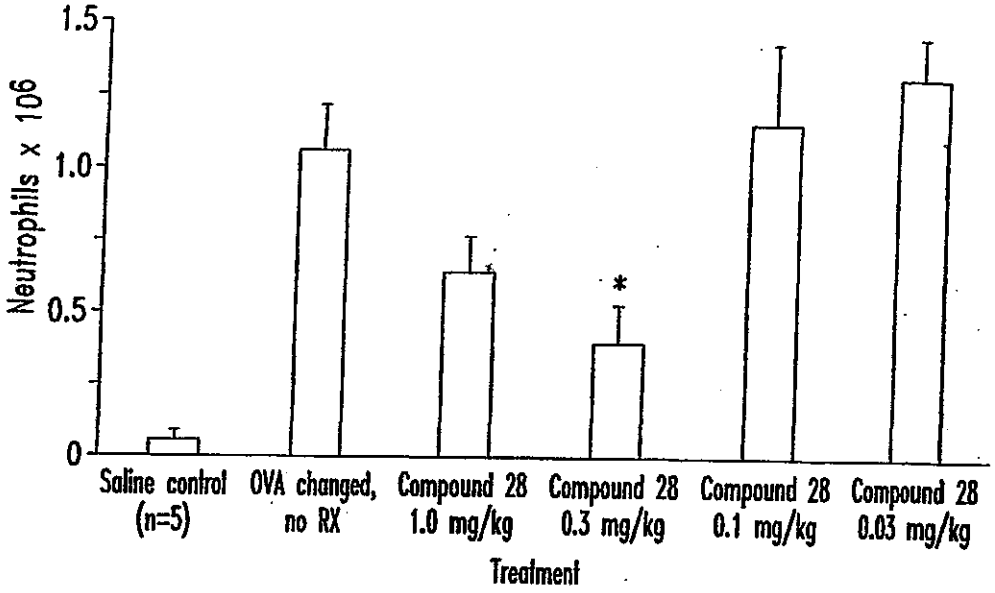

Neutrophils x 10⁶
1.5
1.0
0.5
0
*
Saline control (n=5)
OVA changed, no RX
Compound 28 1.0 mg/kg
Compound 28 0.3 mg/kg
Compound 28 0.1 mg/kg
Compound 28 0.03 mg/kg
Treatment

Fig. 3B

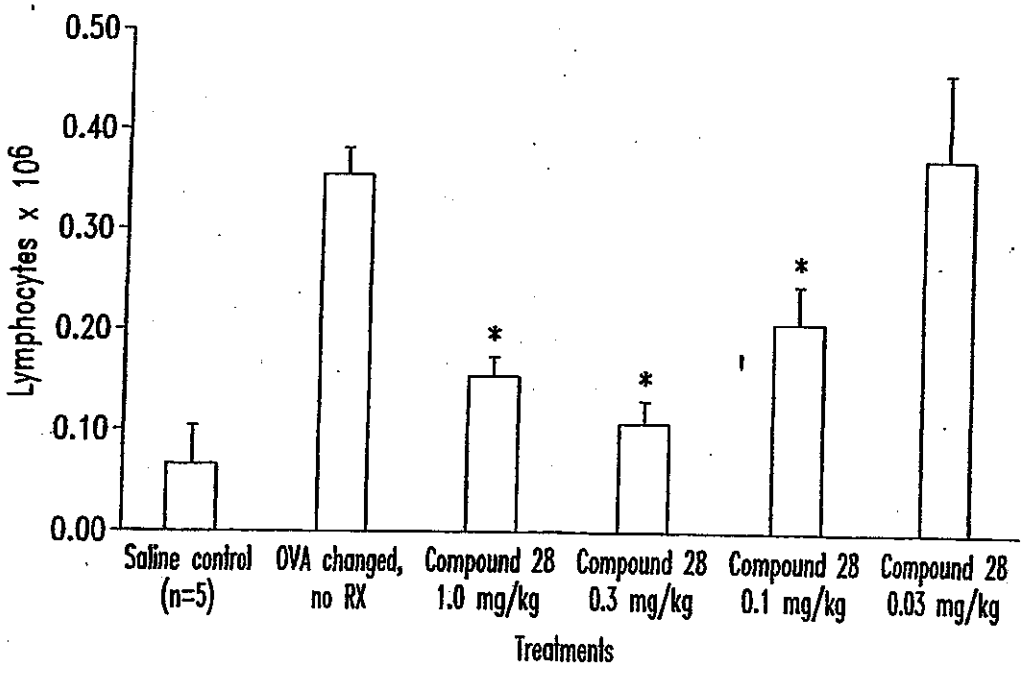

Lymphocytes x 10⁶
0.50
0.40
0.30
0.20
0.10
0.00
*
*
*
Saline control (n=5)
OVA changed, no RX
Compound 28 1.0 mg/kg
Compound 28 0.3 mg/kg
Compound 28 0.1 mg/kg
Compound 28 0.03 mg/kg
Treatments

Fig. 3C

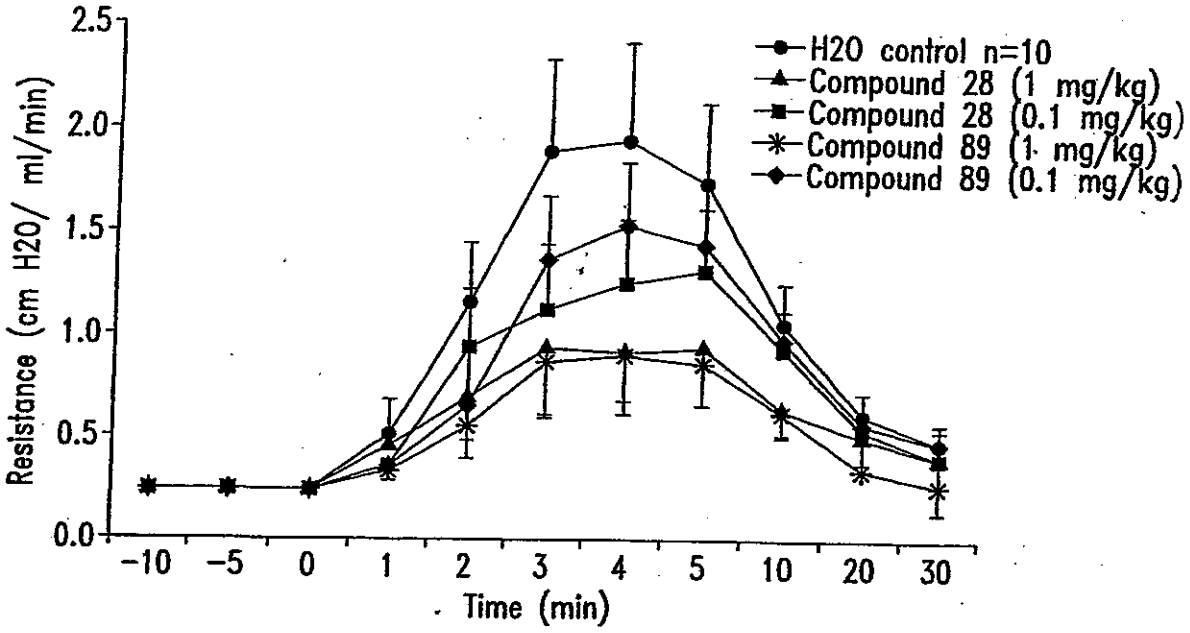

Resistance (cm H20/ ml/min)
2.5
2.0
1.5
1.0
0.5
0.0
-10
-5
0
1
2
3
4
5
10
20
30
Time (min)
H20 control n=10
Compound 28 (1 mg/kg)
Compound 28 (0.1 mg/kg)
Compound 89 (1 mg/kg)
Compound 89 (0.1 mg/kg)

Fig. 4

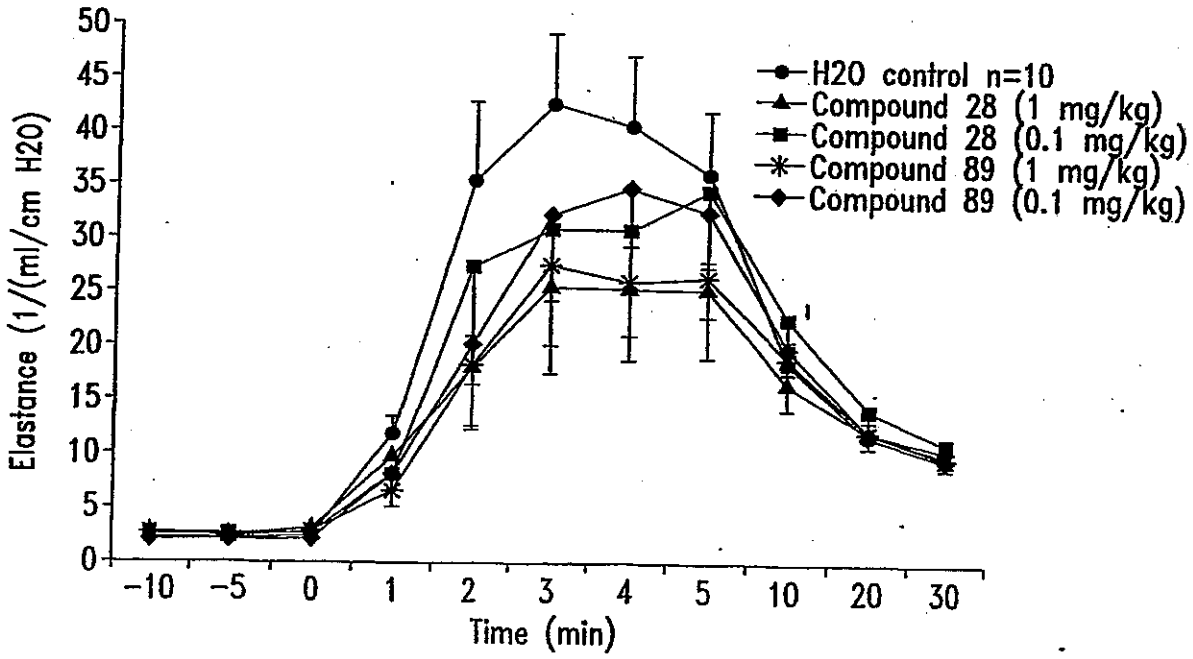

Elastance (1/(ml/cm H20)
50
45
40
35
30
25
20
15
10
5
0
-10
-5
0
1
2
3
4
5
10
20
30
Time (min)
H20 control n=10
Compound 28 (1 mg/kg)
Compound 28 (0.1 mg/kg)
Compound 89 (1 mg/kg)
Compound 89 (0.1 mg/kg)

Fig. 5

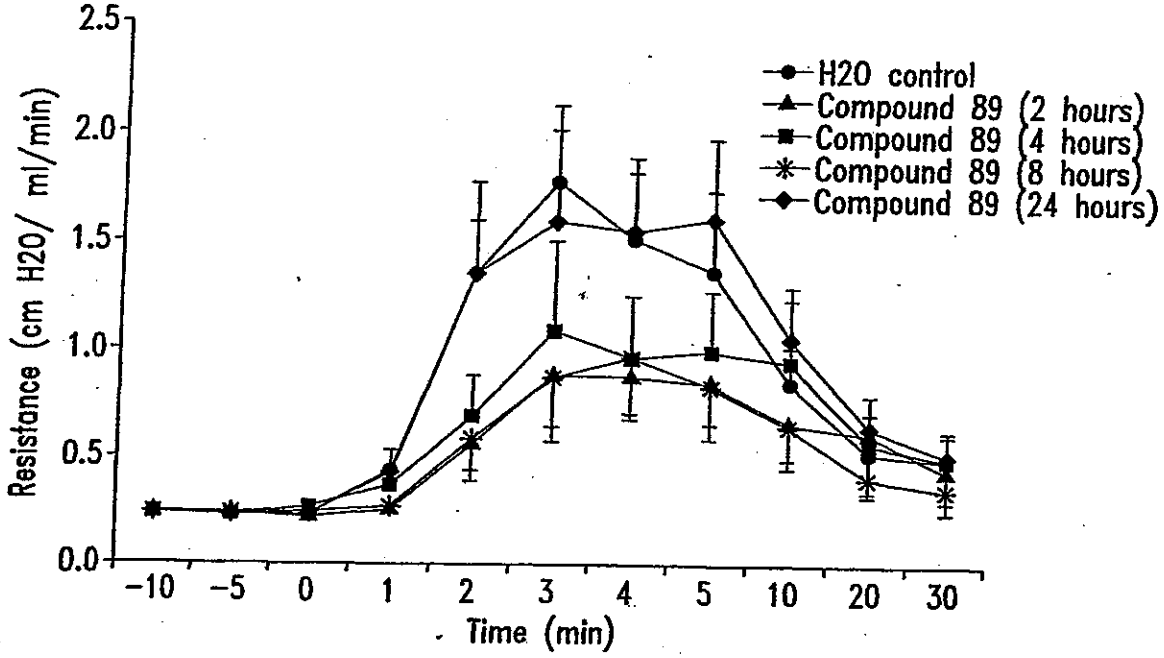

Resistance (cm H2O/ ml/min)
2.5
2.0
1.5
1.0
0.5
0.0
−10 −5 0 1 2 3 4 5 10 20 30
Time (min)
H2O control
Compound 89 (2 hours)
Compound 89 (4 hours)
Compound 89 (8 hours)
Compound 89 (24 hours)

Fig. 6

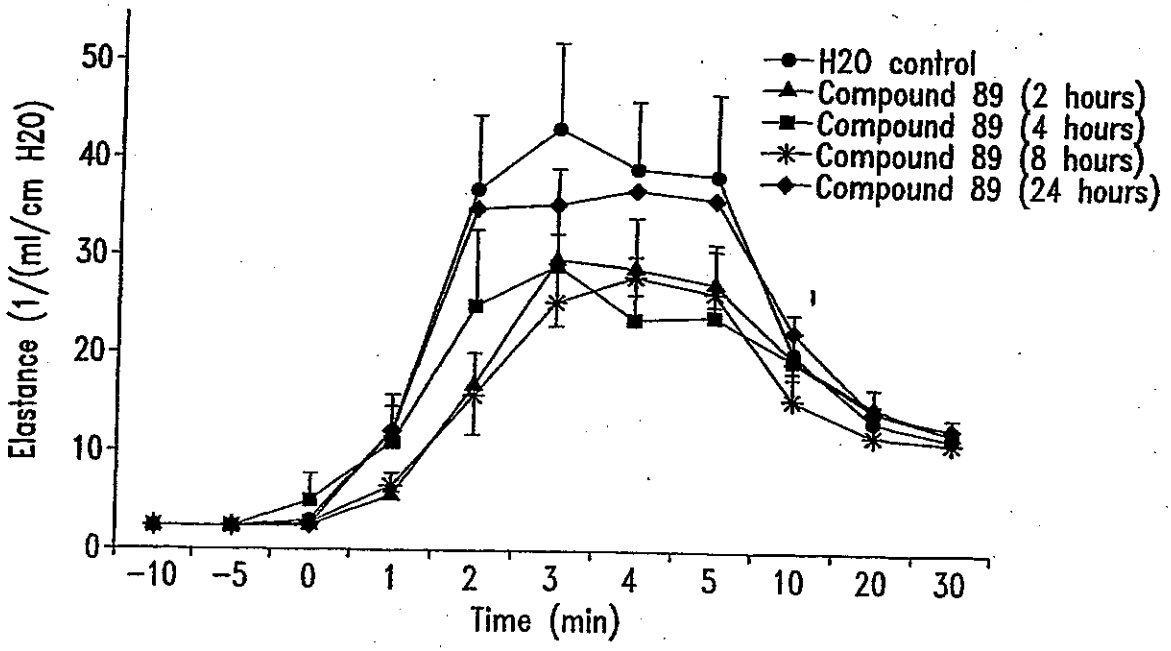

Elastance (1/(ml/cm H2O)
50
40
30
20
10
0
−10 −5 0 1 2 3 4 5 10 20 30
Time (min)
H2O control
Compound 89 (2 hours)
Compound 89 (4 hours)
Compound 89 (8 hours)
Compound 89 (24 hours)

Fig. 7