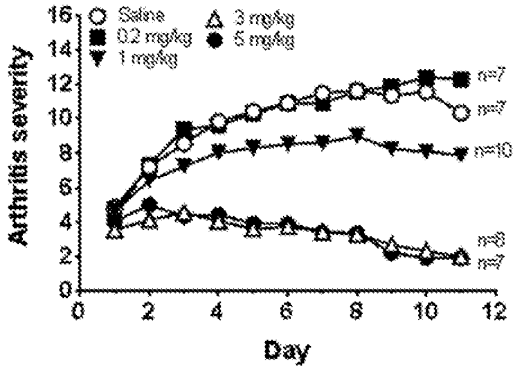

Saline
0.2 mg/kg
1 mg/kg
3 mg/kg
5 mg/kg
Arthritis severity
Day
n=7
n=7
n=10
n=8
n=7

FIG. 1

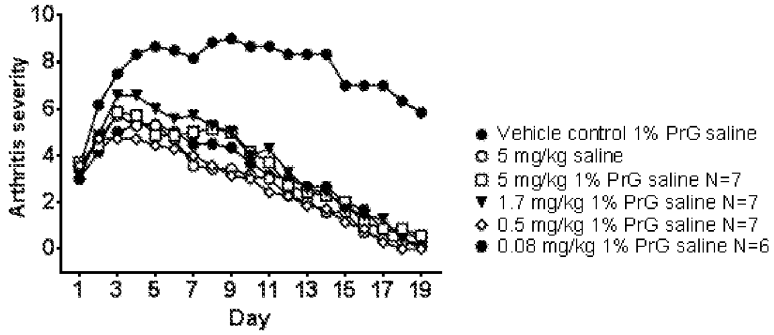

Arthritis severity
Day
Vehicle control 1% PrG saline
5 mg/kg saline
5 mg/kg 1% PrG saline N=7
1.7 mg/kg 1% PrG saline N=7
0.5 mg/kg 1% PrG saline N=7
0.08 mg/kg 1% PrG saline N=6

FIG. 2

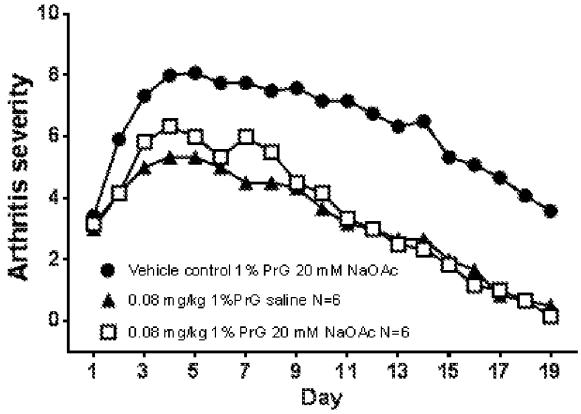

Arthritis severity
10
8
6
4
2
0
1
3
5
7
9
11
13
15
17
19
Day
Vehicle control 1% PrG 20 mM NaOAc
0.08 mg/kg 1% PrG saline N=6
0.08 mg/kg 1% PrG 20 mM NaOAc N=6

FIG. 3

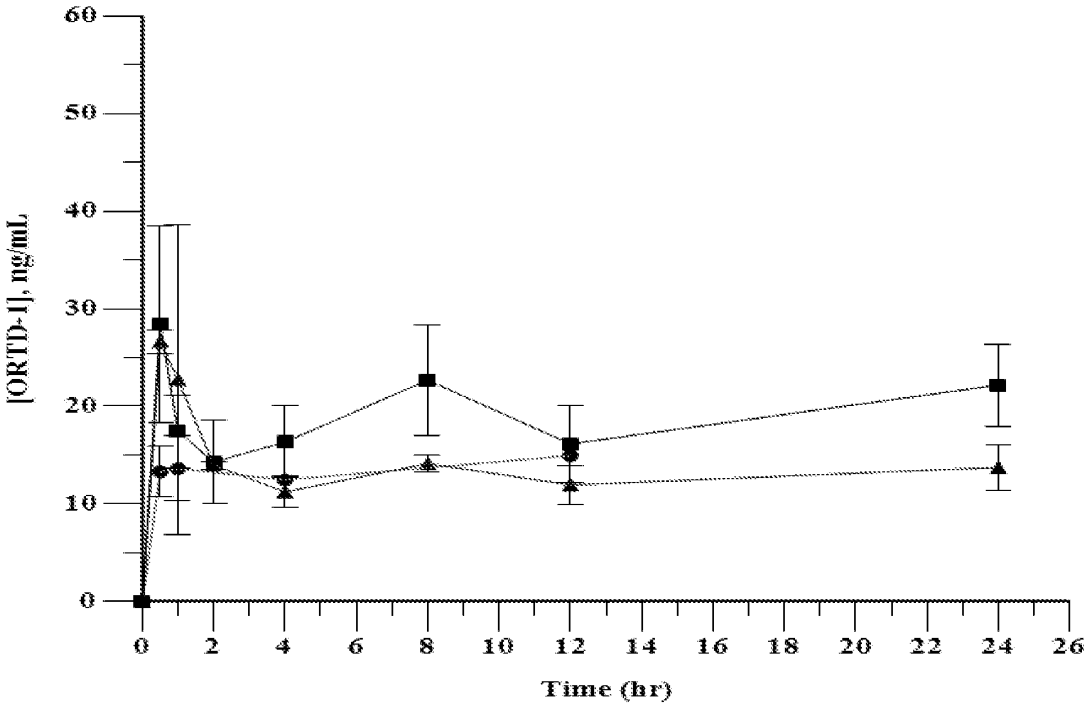

60
50
40
30
20
10
0
[ORTD-1], ng/mL
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Time (hr)

FIG. 4A

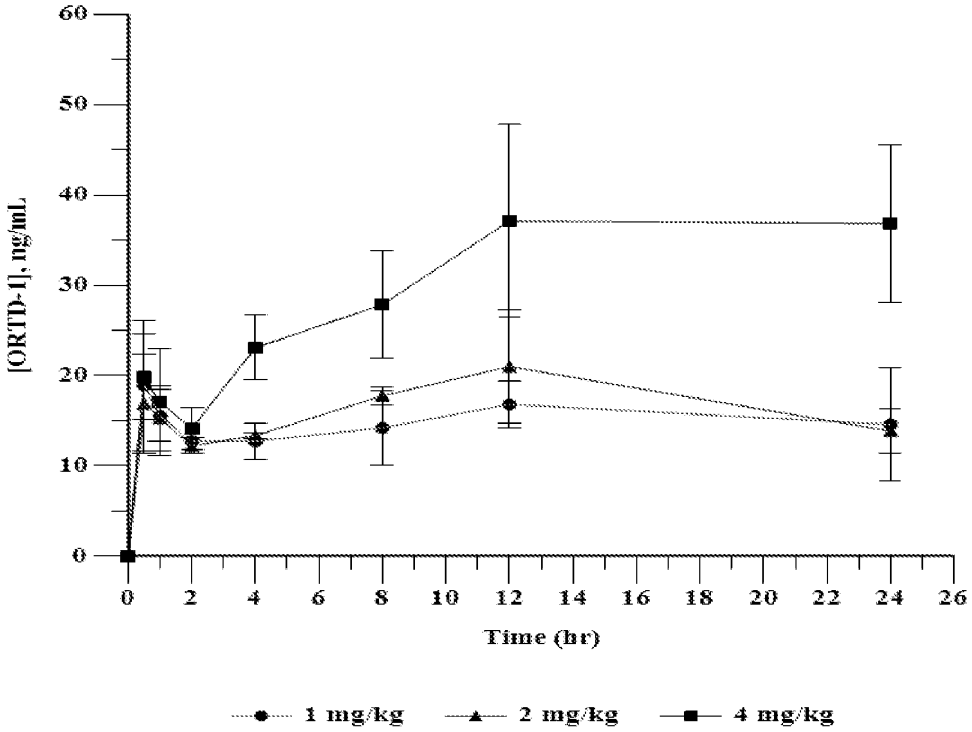

60
50
40
30
20
10
0
[ORTD-1], ng/mL
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Time (hr)
1 mg/kg
2 mg/kg
4 mg/kg

FIG. 4B

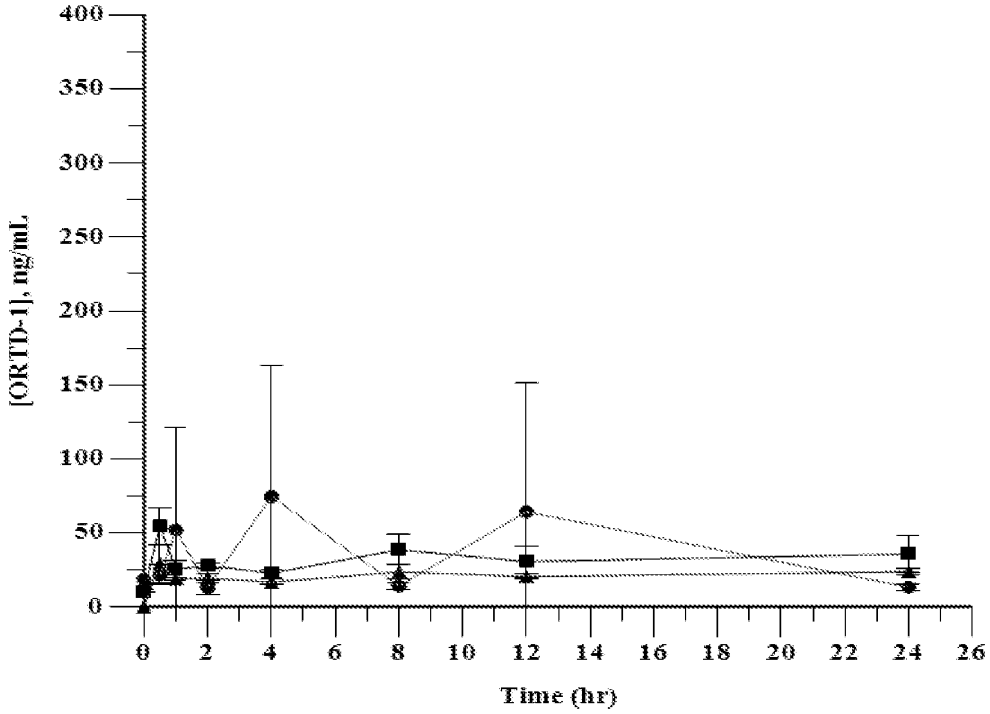

400
350
300
250
200
150
100
50
0
[ORTD-1], ng/mL
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Time (hr)

FIG. 5A

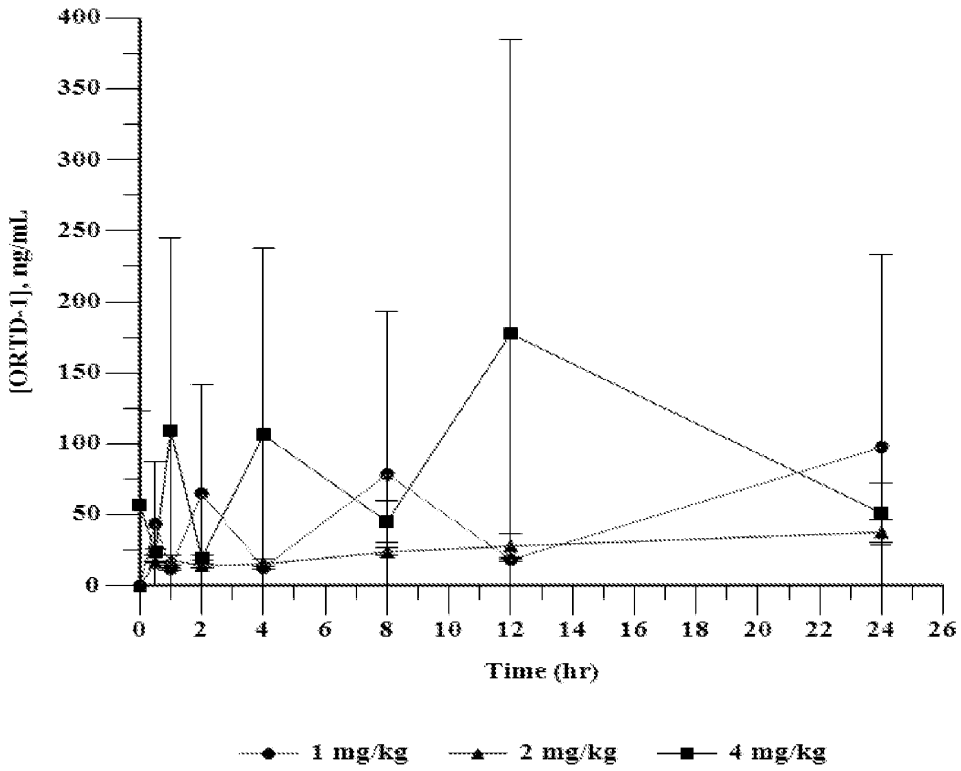

400
350
300
250
200
150
100
50
0
[ORTD-1], ng/mL
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Time (hr)
1 mg/kg
2 mg/kg
4 mg/kg

FIG. 5B

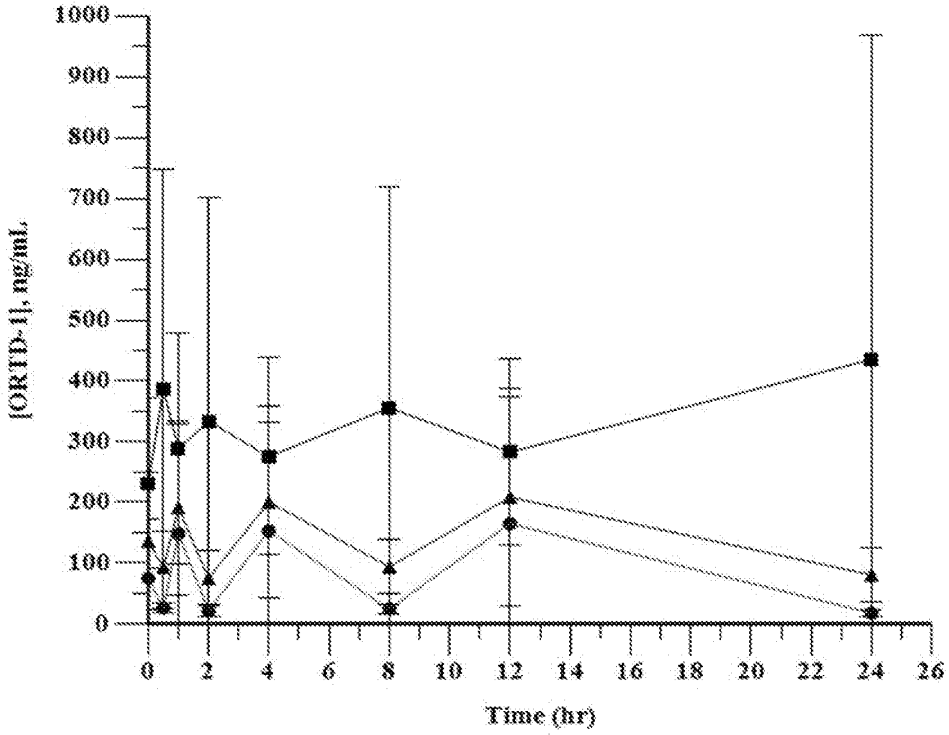

[ORTD-1], ng/mL
1000
900
800
700
600
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Time (hr)

FIG. 6A

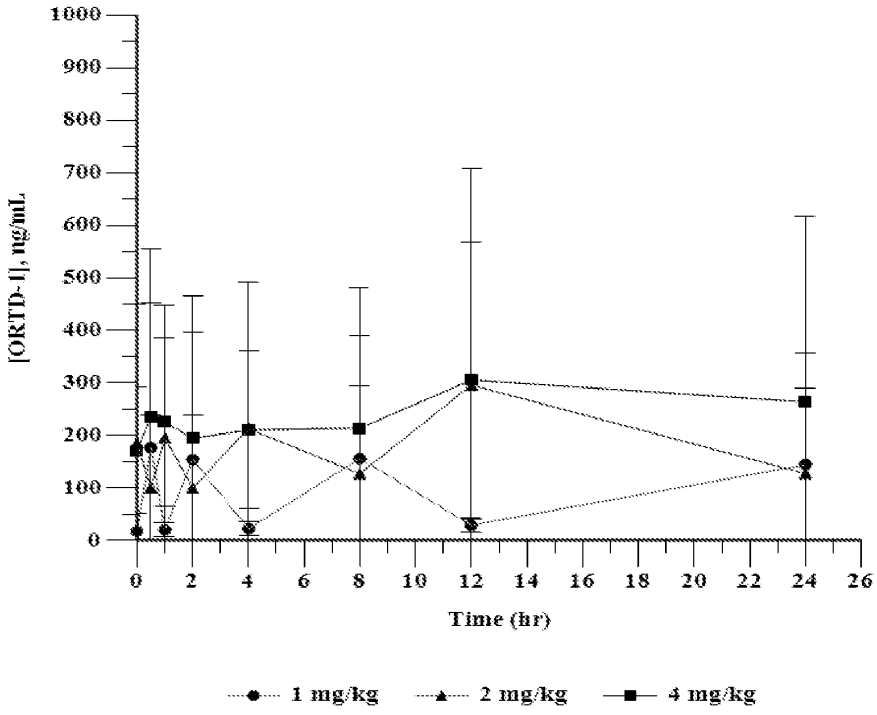
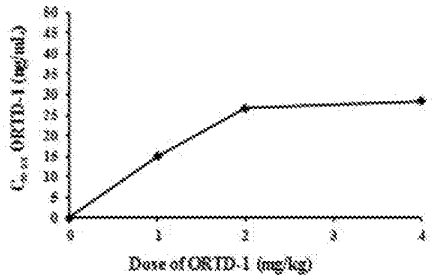
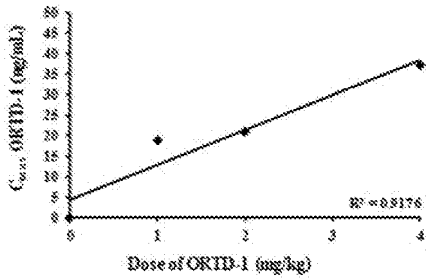

[ORTD-1], ng/mL
1000
900
800
700
600
500
400
300
200
100
0
0
2
4
6
8
10
12
14
16
18
20
22
24
26
Time (hr)
1 mg/kg
2 mg/kg
4 mg/kg

FIG. 6B

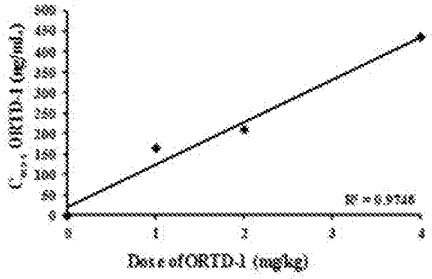


Male rats

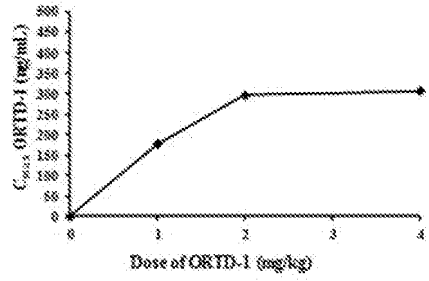


Female rats

FIG. 7A

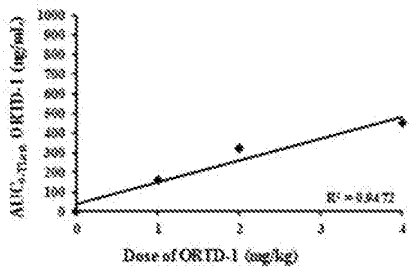


Male rats

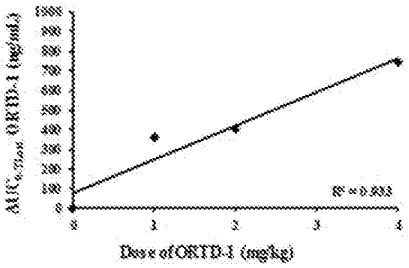


Female rats

FIG. 7B

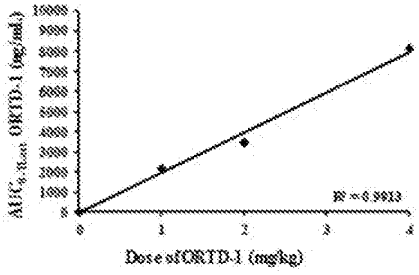


Male rats

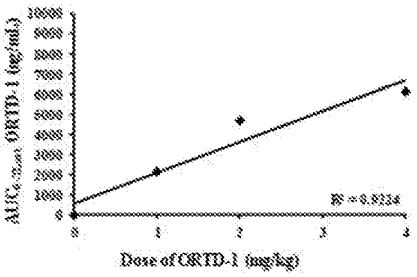


Female rats

FIG. 8A



Male rats



Female rats

FIG. 8B

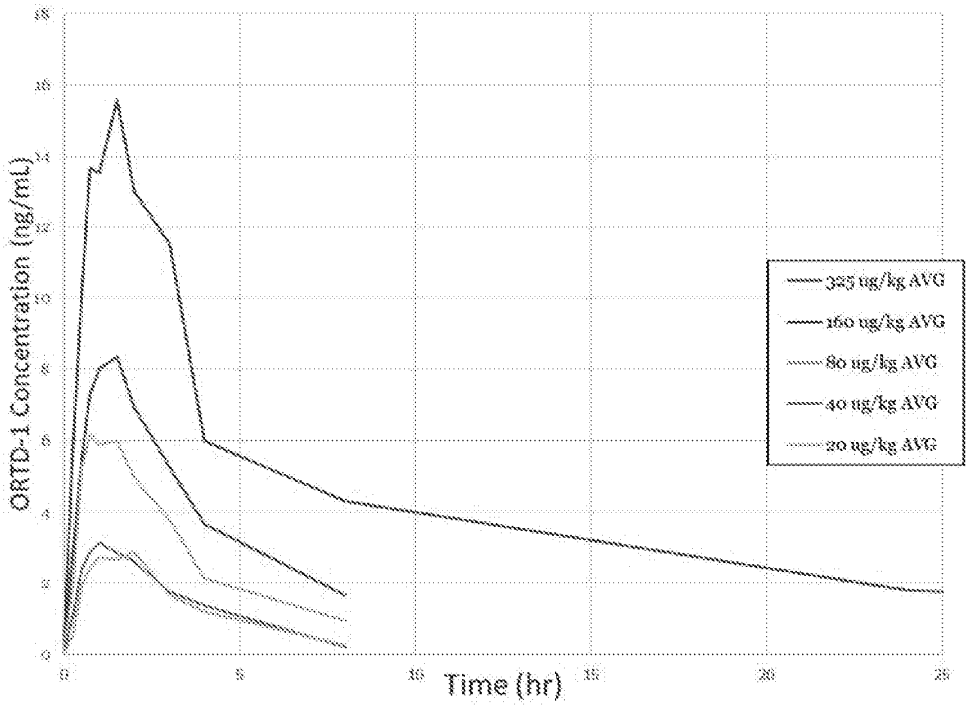

ORTD-1 Concentration (ng/mL)
Time (hr)
325 ug/kg AVG
160 ug/kg AVG
80 ug/kg AVG
40 ug/kg AVG
20 ug/kg AVG

FIG. 9

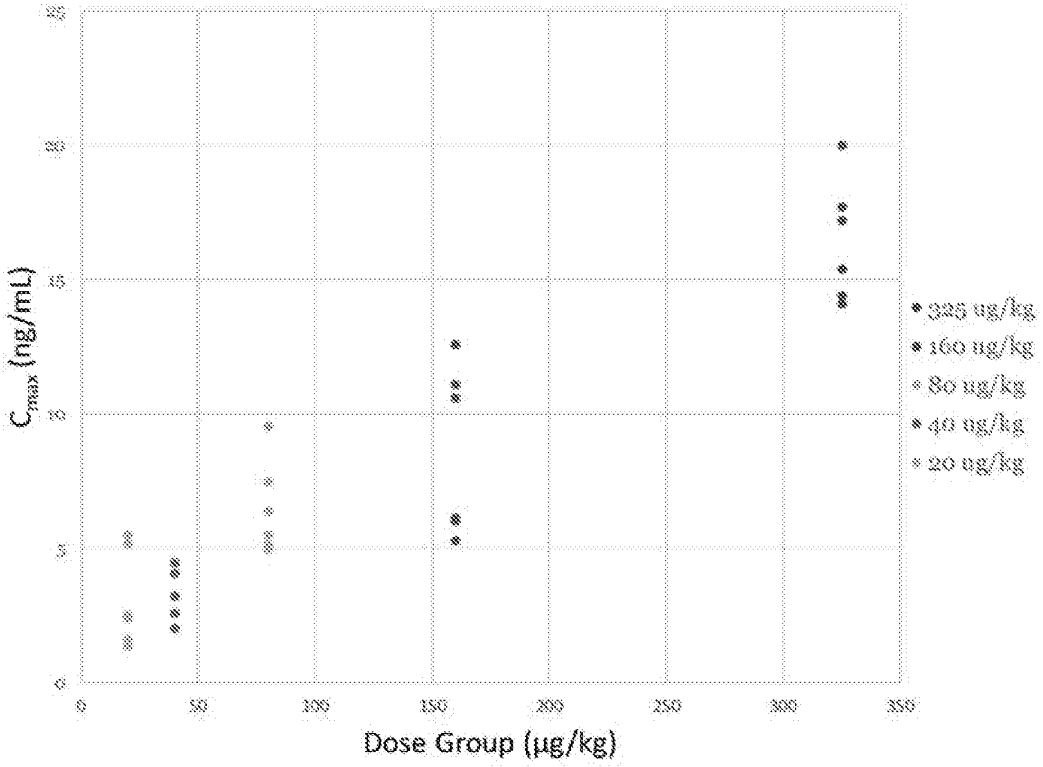

C_{max} (ng/mL)
Dose Group (µg/kg)
325 ug/kg
160 ug/kg
80 ug/kg
40 ug/kg
20 ng/kg

FIG. 10A

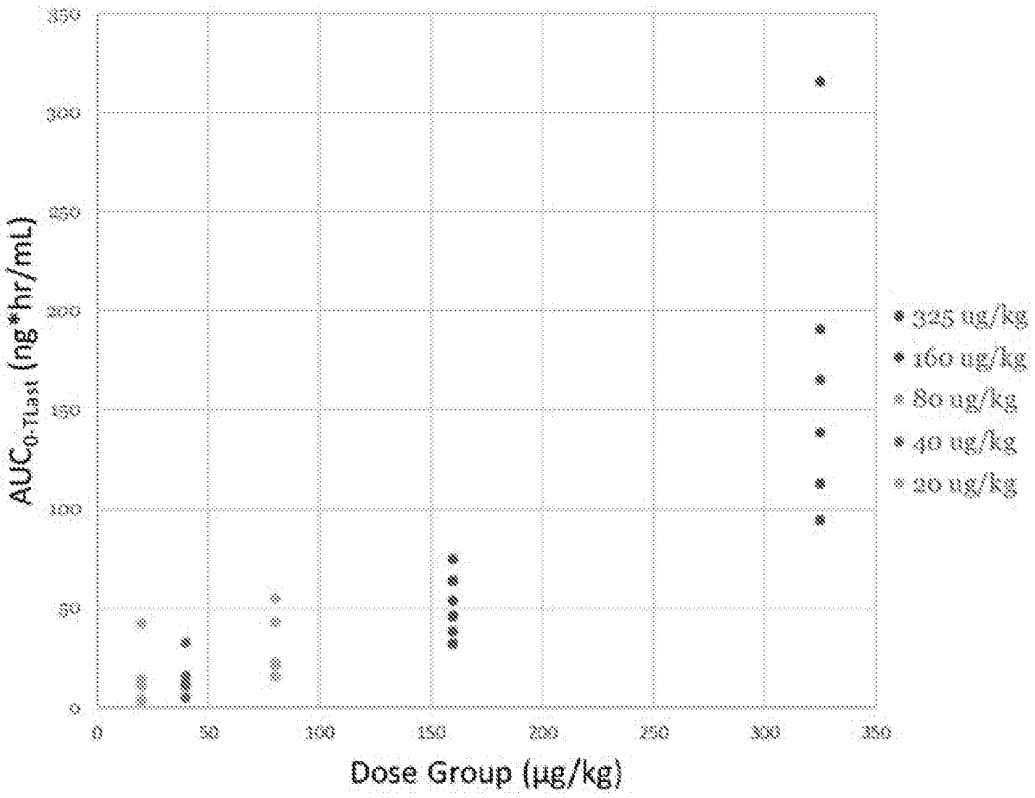

AUC0-Tlast (ng*hr/mL)
Dose Group (µg/kg)
325 ug/kg
160 ug/kg
80 ug/kg
40 ug/kg
20 ug/kg

FIG. 10B

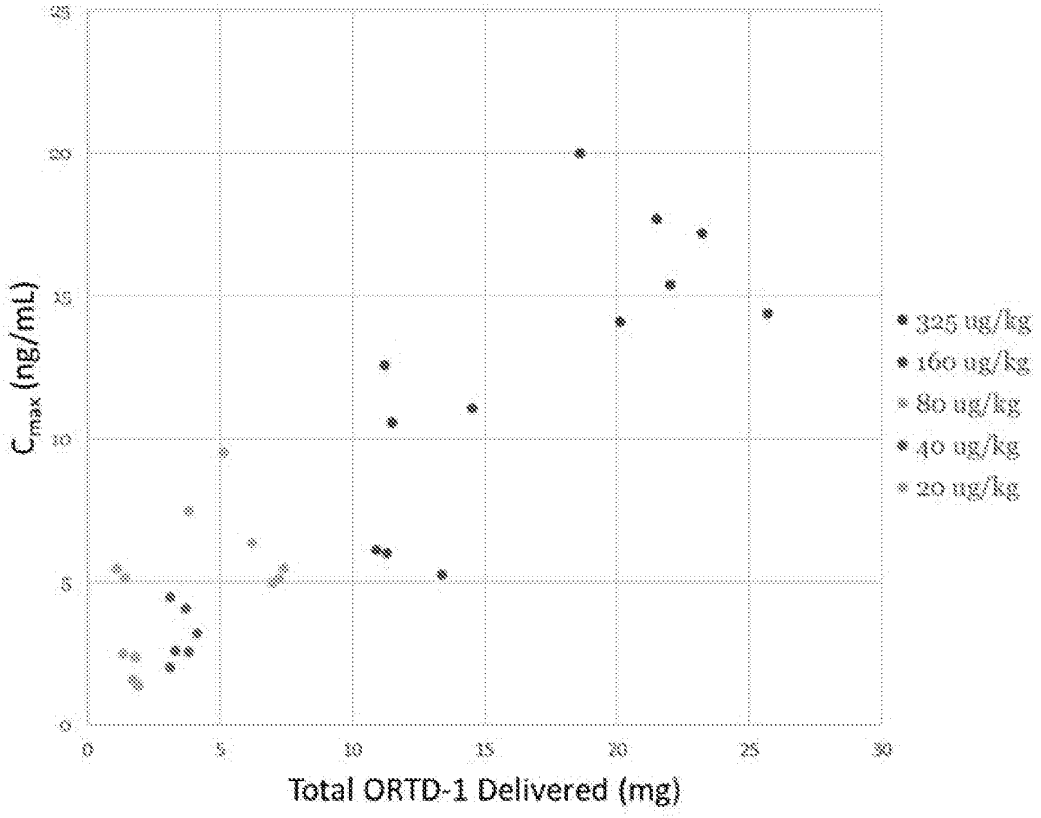

C_{max} (ng/mL)
0
5
10
15
20
25
30
Total ORTD-1 Delivered (mg)
325 ug/kg
160 ug/kg
80 ug/kg
40 ug/kg
20 ug/kg

FIG. 11A

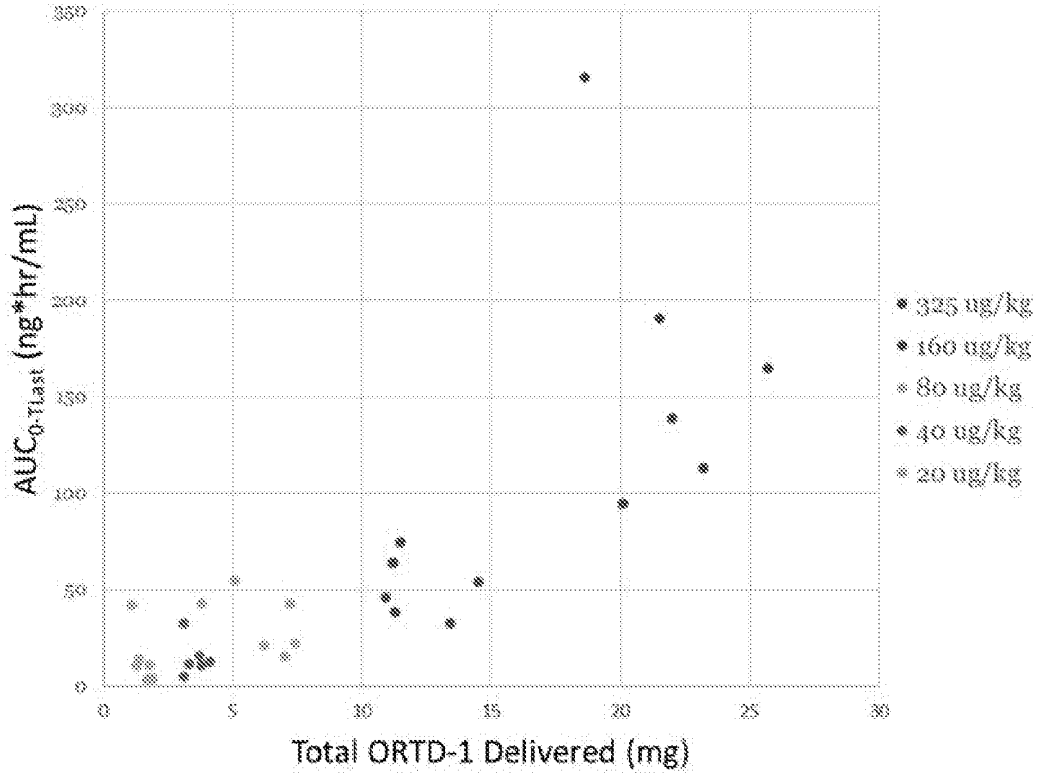

AUC0-TLast (ng*hr/mL)
Total ORTD-1 Delivered (mg)
325 ug/kg
160 ug/kg
80 ug/kg
40 ug/kg
20 ug/kg

FIG. 11B