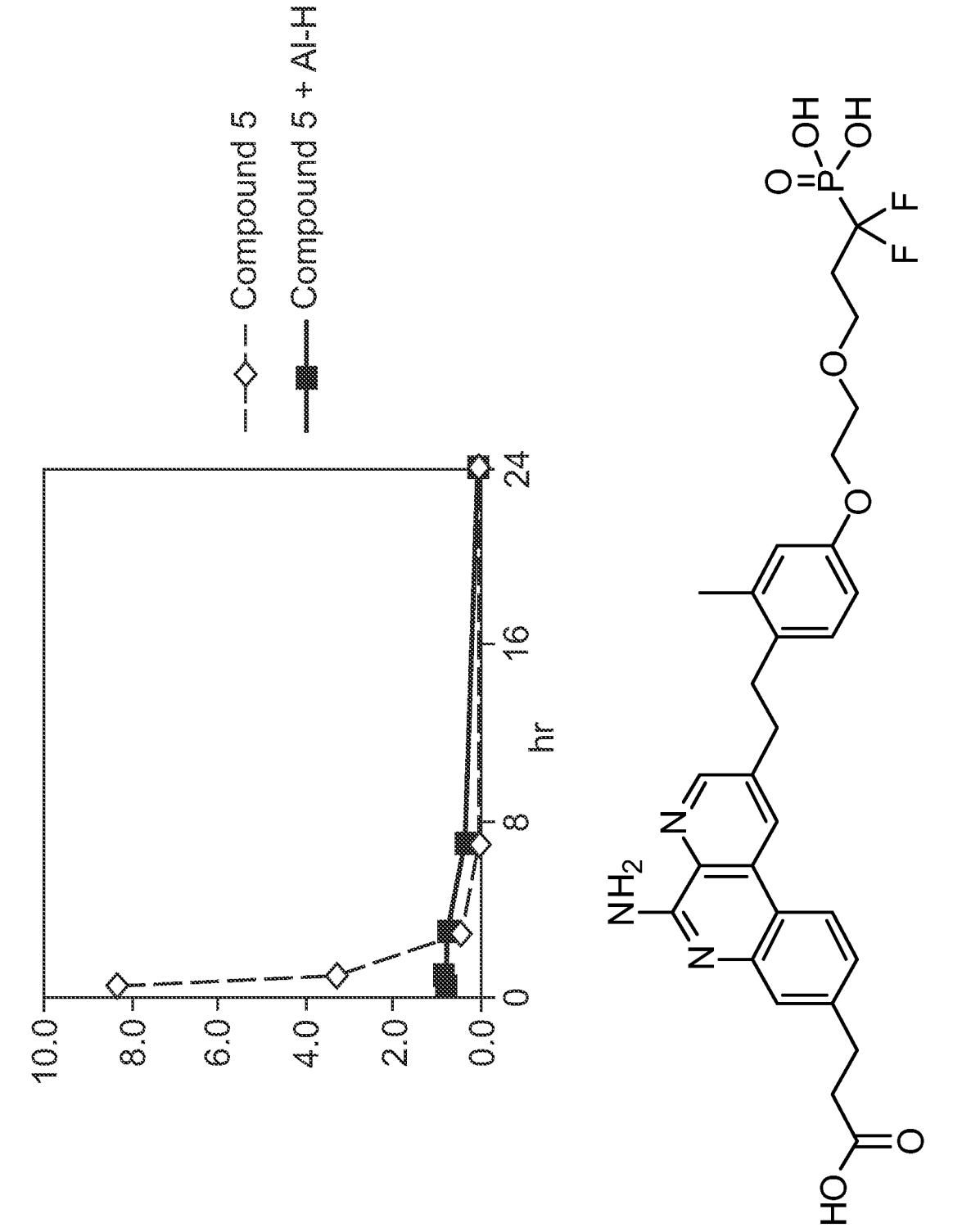

Compound 5
Compound 5 + Al-H
10.0
8.0
6.0
4.0
2.0
0.0
0
8
16
24
hr
NH2
N
N
O
O
O
O=P
OH
OH
F
F
HO
O

FIG. 1

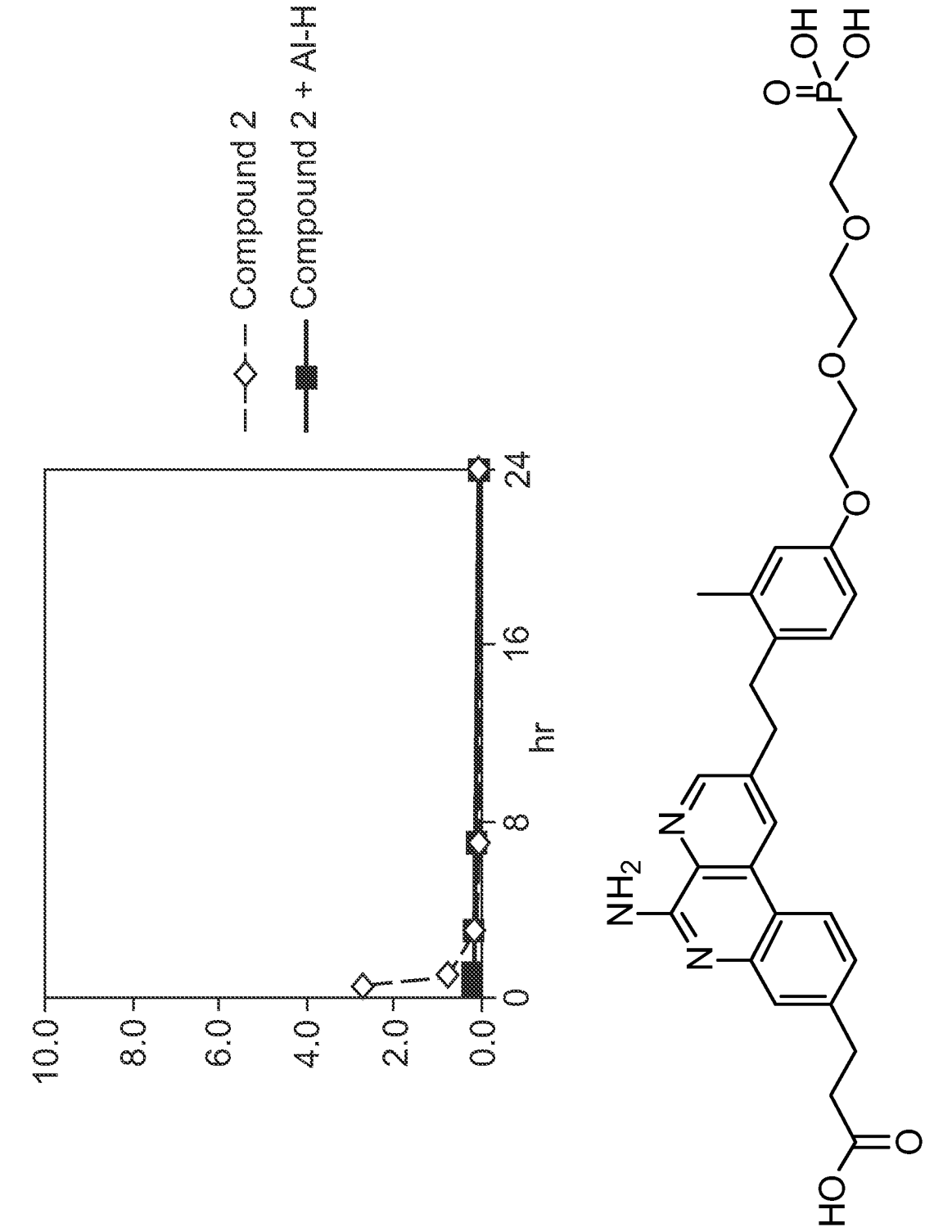

Compound 2
Compound 2 + Al-H
10.0
8.0
6.0
4.0
2.0
0.0
0
8
16
24
hr
NH2
N
N
O
O
O
O
P
OH
OH
HO
O

FIG. 2

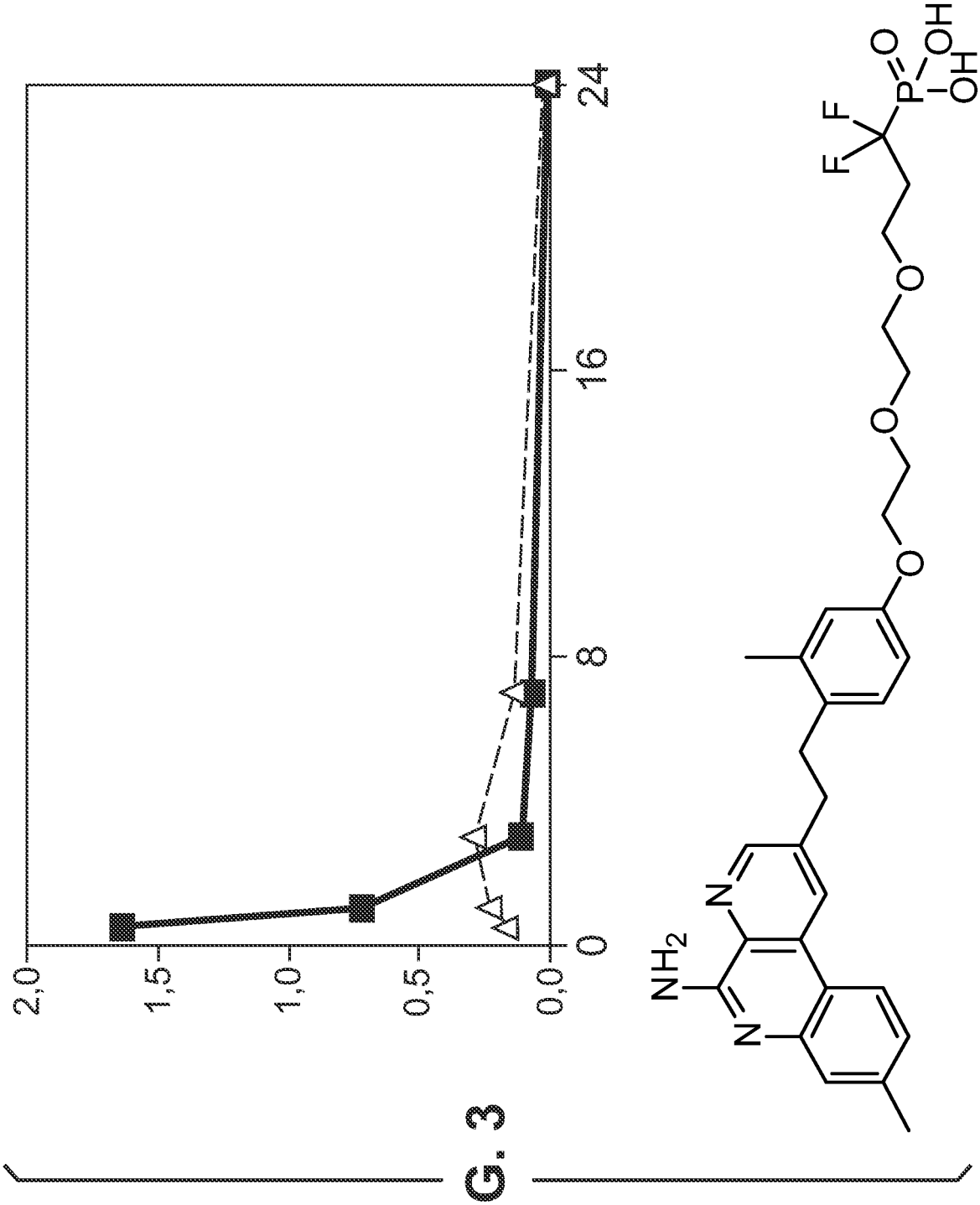


FIG. 3

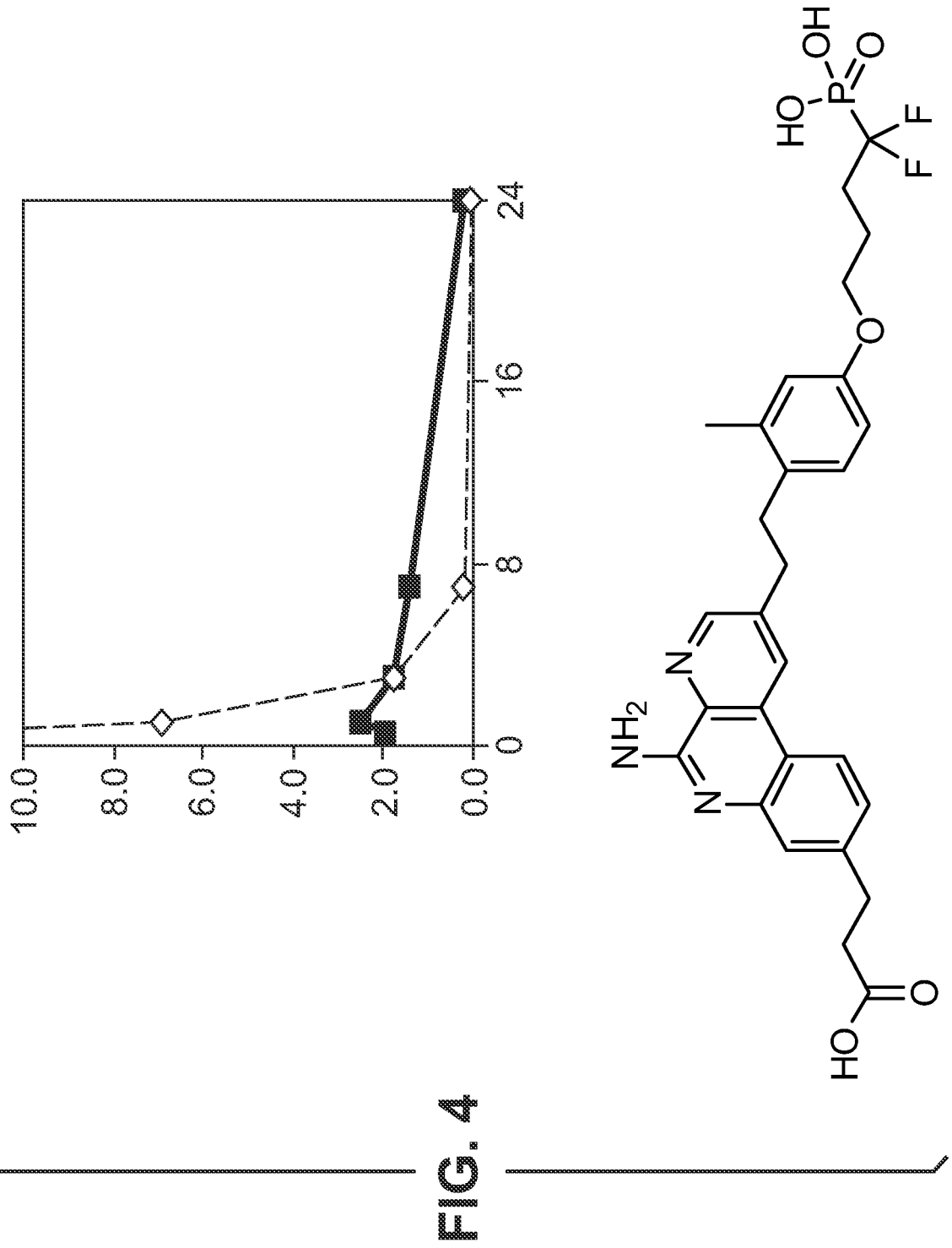
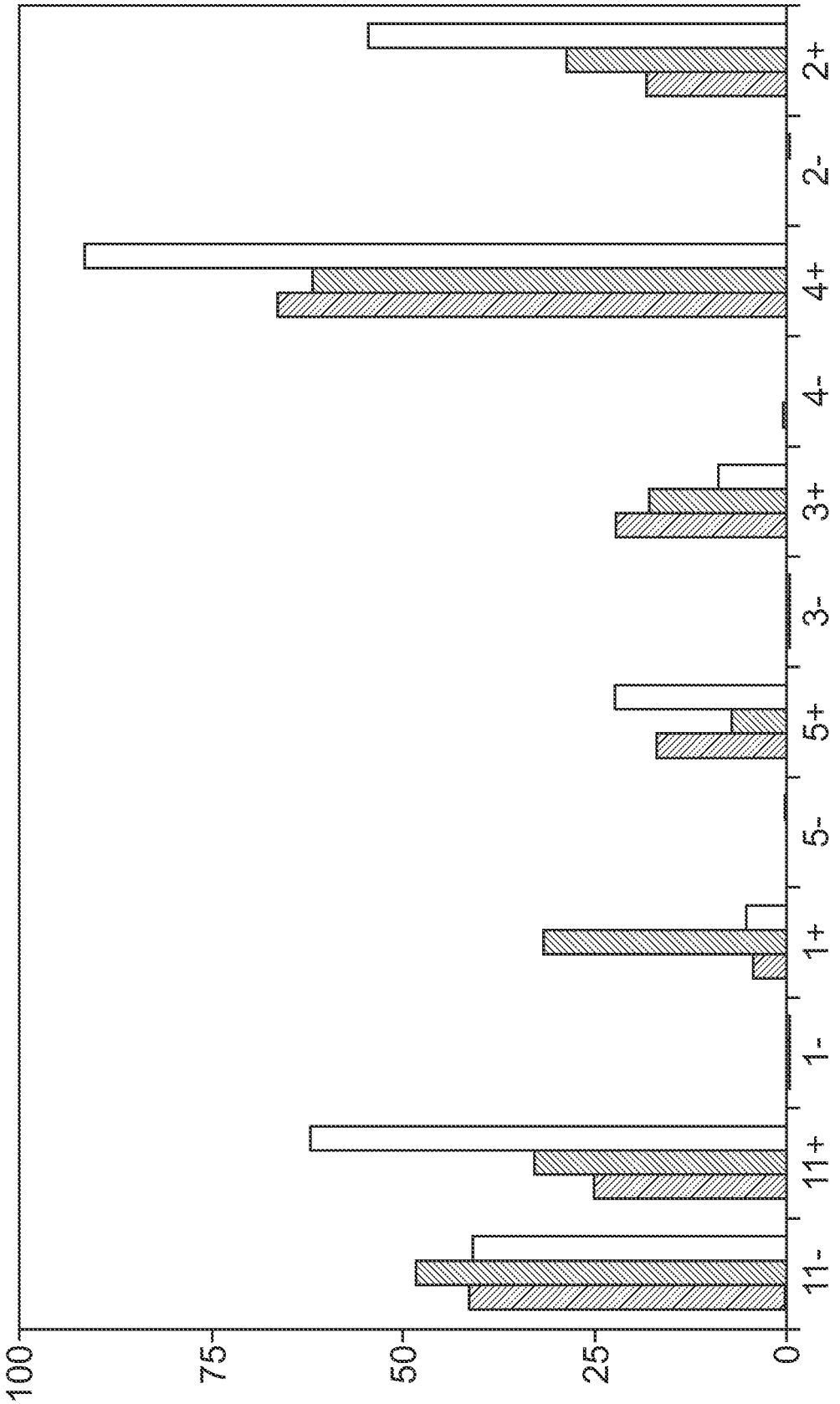


FIG. 4

FIG. 5



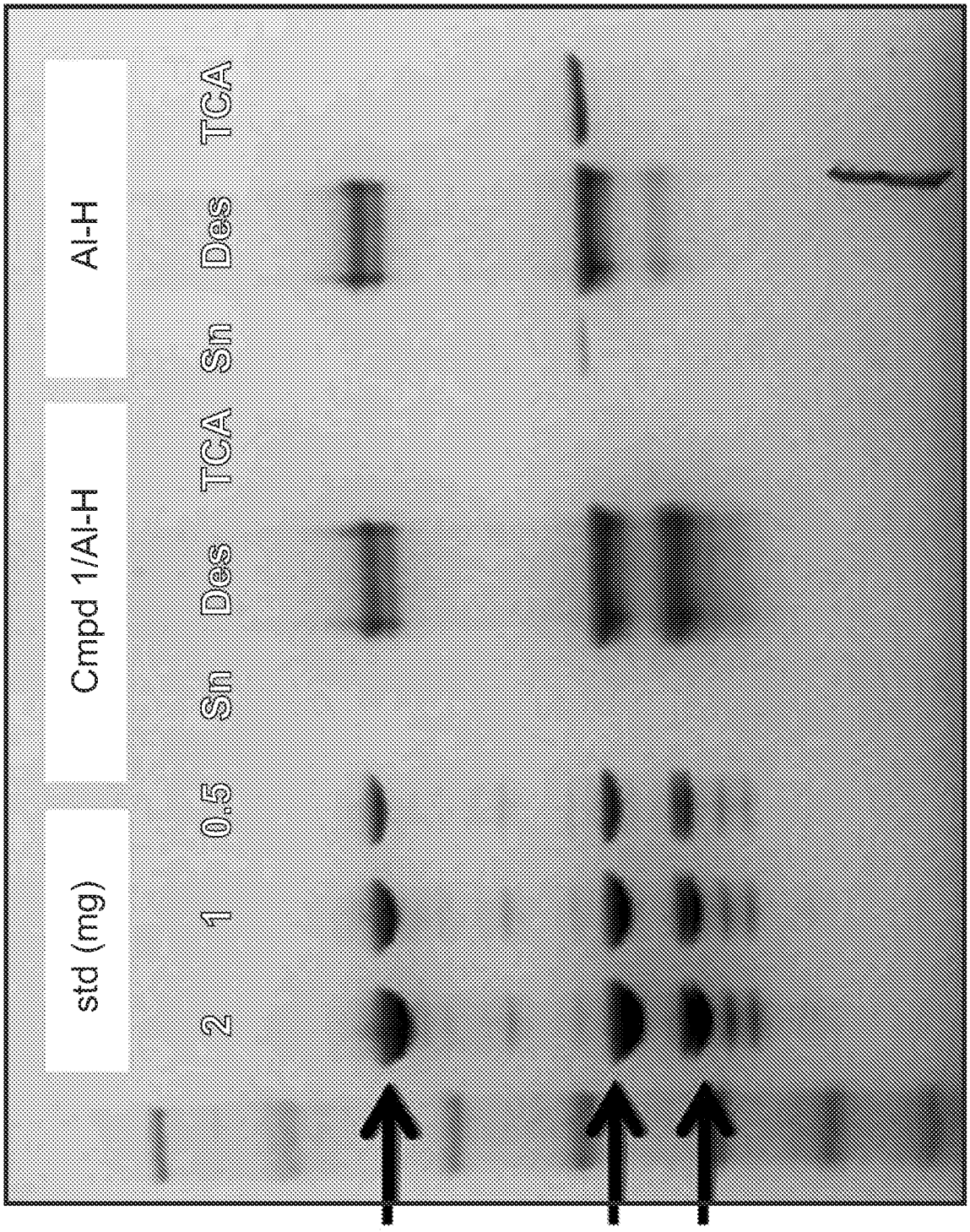


FIG. 6

FIG. 7

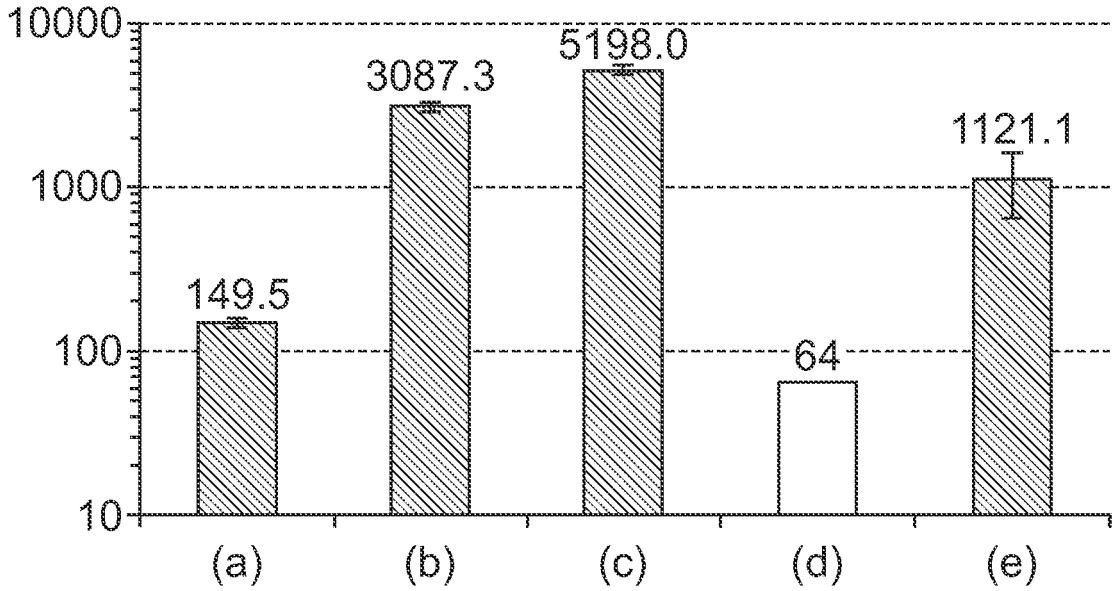

10000
1000
100
10
149.5
3087.3
5198.0
64
1121.1
(a)
(b)
(c)
(d)
(e)

FIG. 8

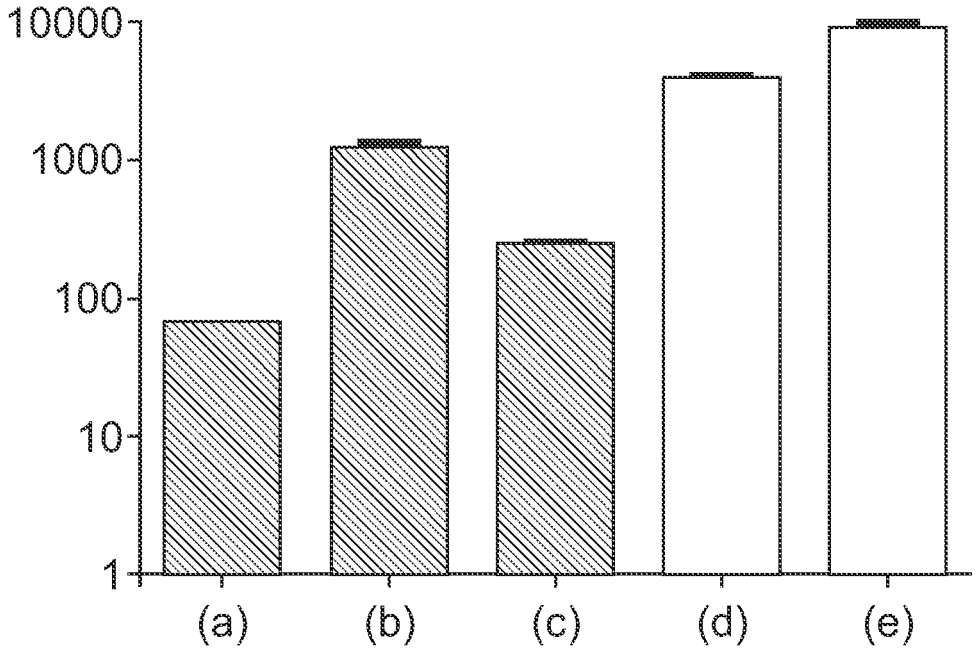

10000
1000
100
10
1
(a)
(b)
(c)
(d)
(e)

FIG. 9

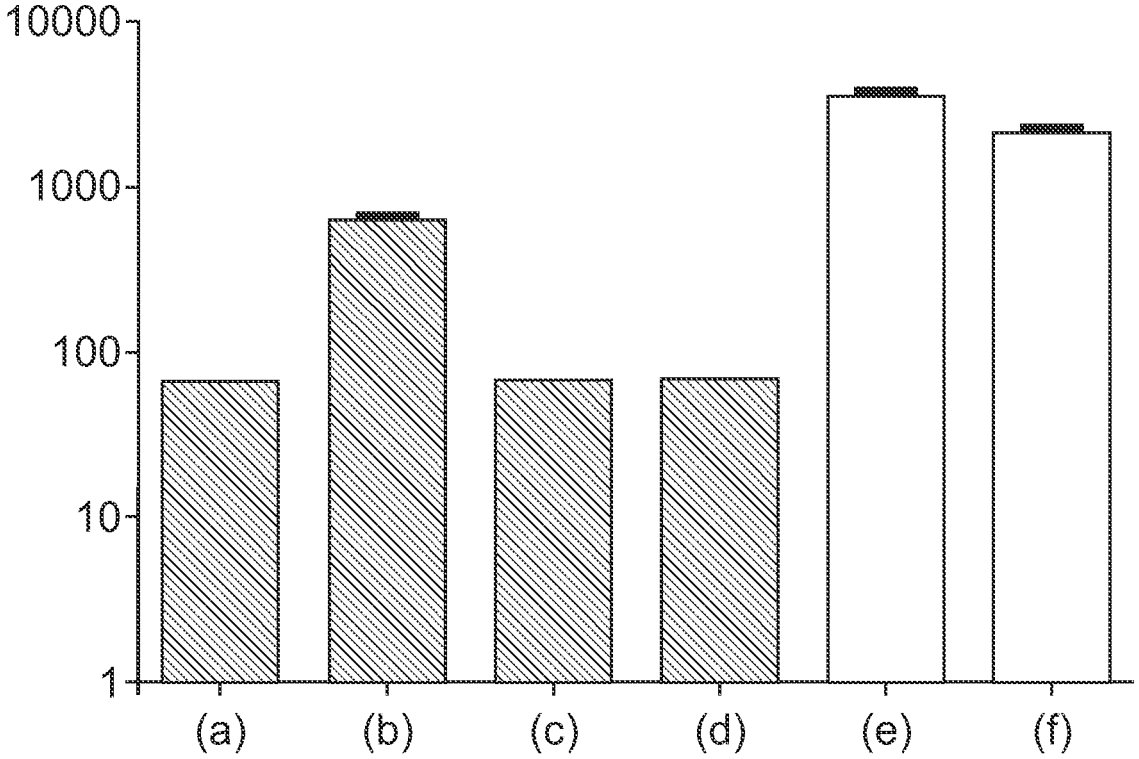


FIG. 10

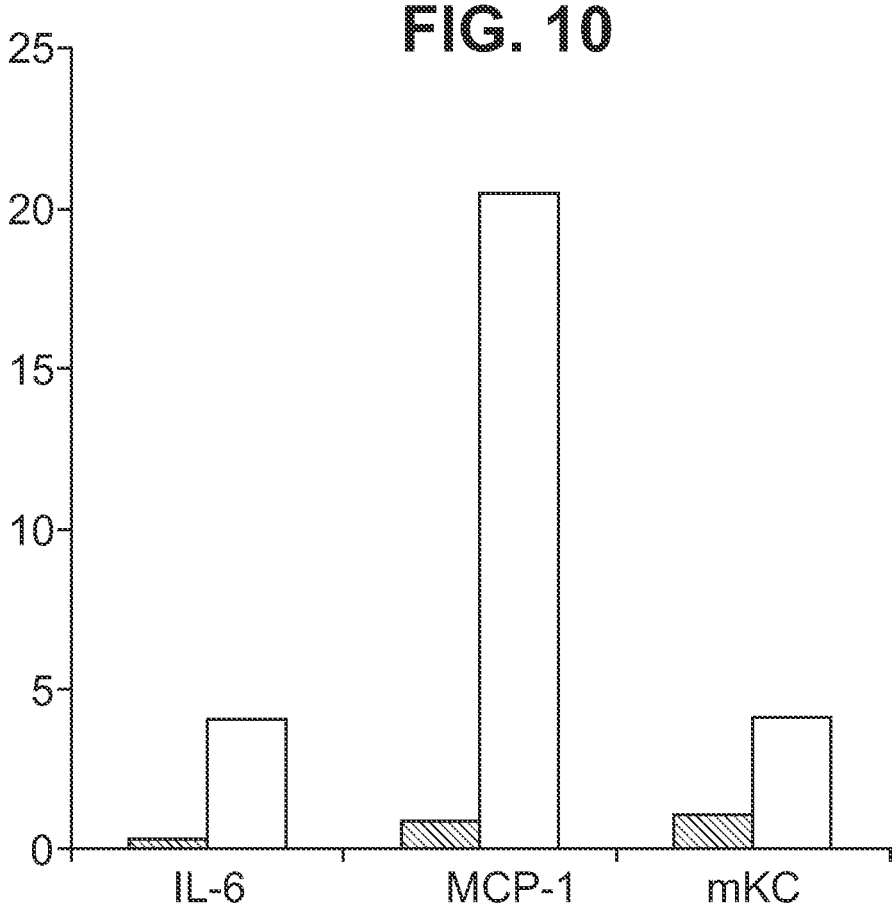


FIG. 11

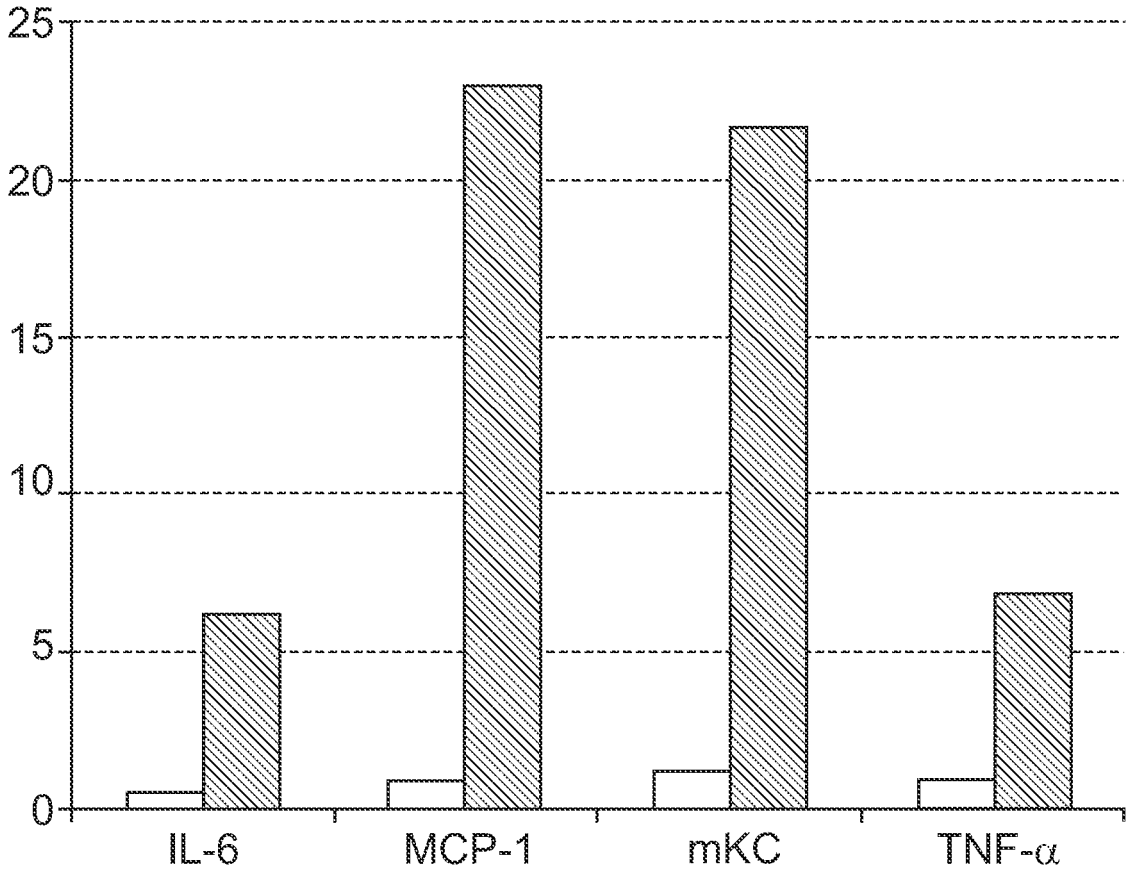
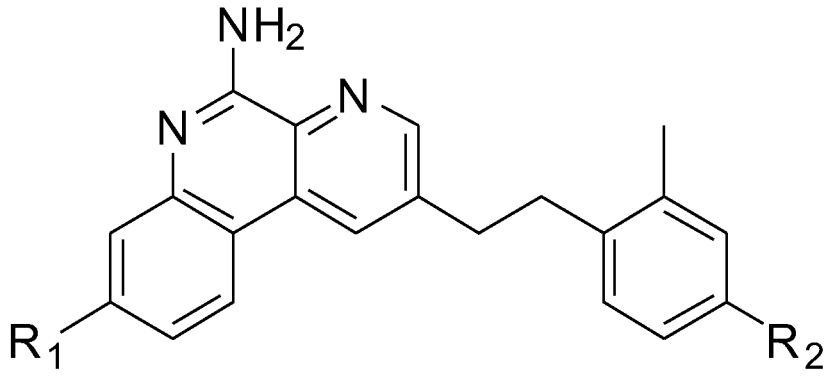


FIG. 12



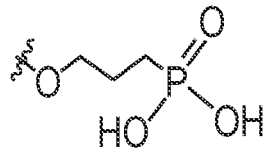
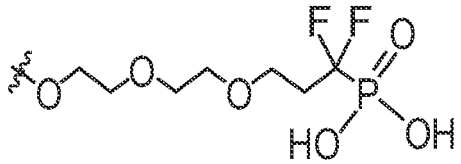
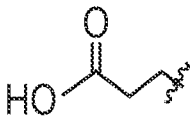
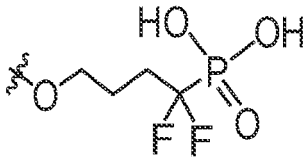
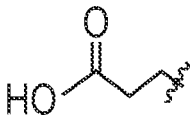
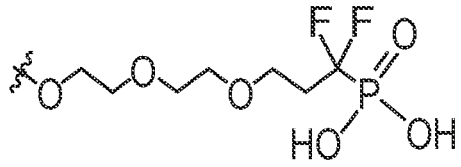
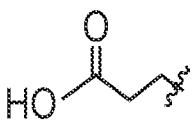
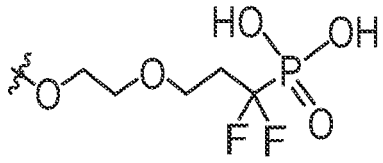
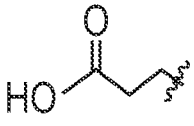
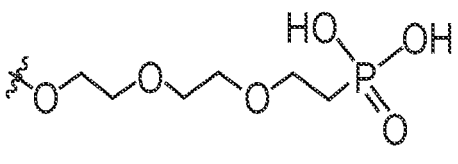
R_1	R_2	Cmpnd
Me		13
Me		1
		3
		4
		5
		2

FIG. 13

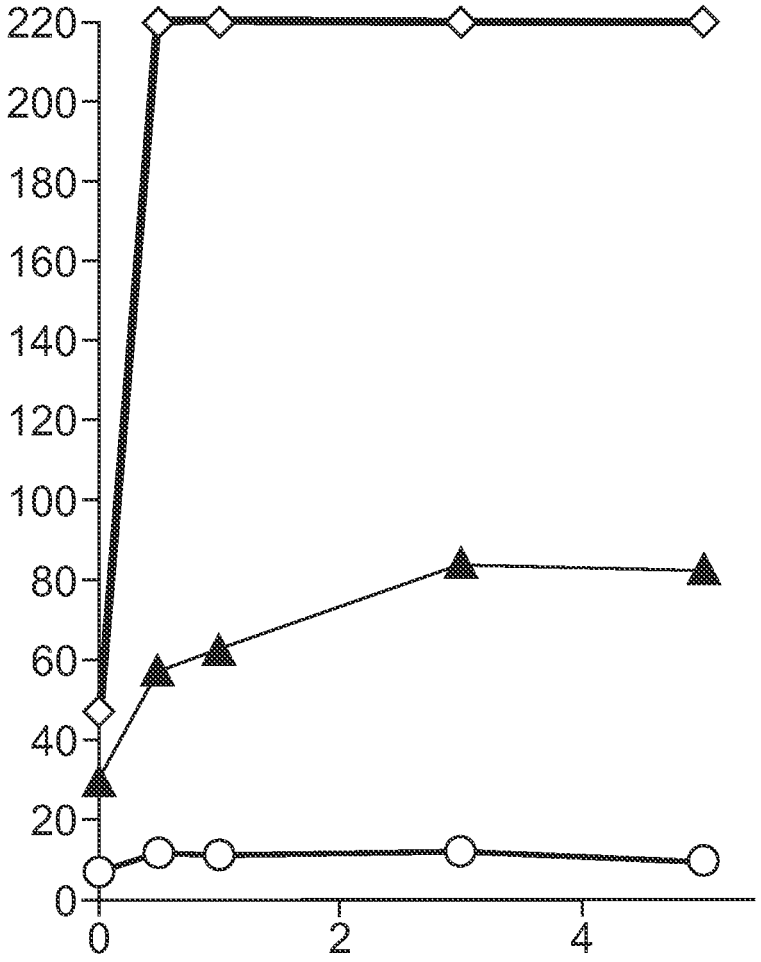

220
200
180
160
140
120
100
80
60
40
20
0
0
2
4

FIG. 14

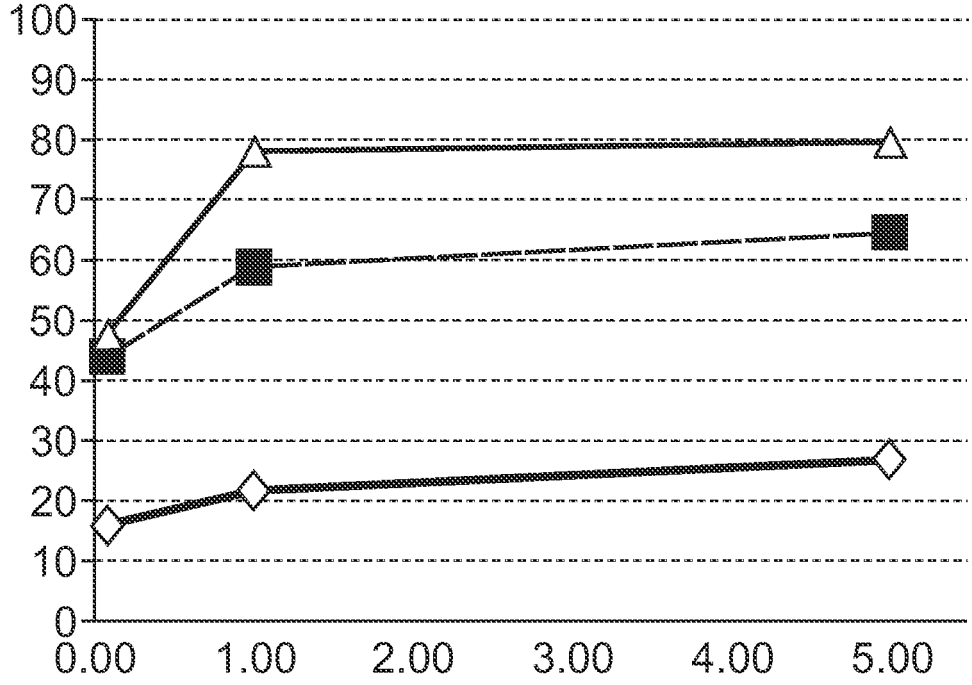

100
90
80
70
60
50
40
30
20
10
0
0.00
1.00
2.00
3.00
4.00
5.00

FIG. 15

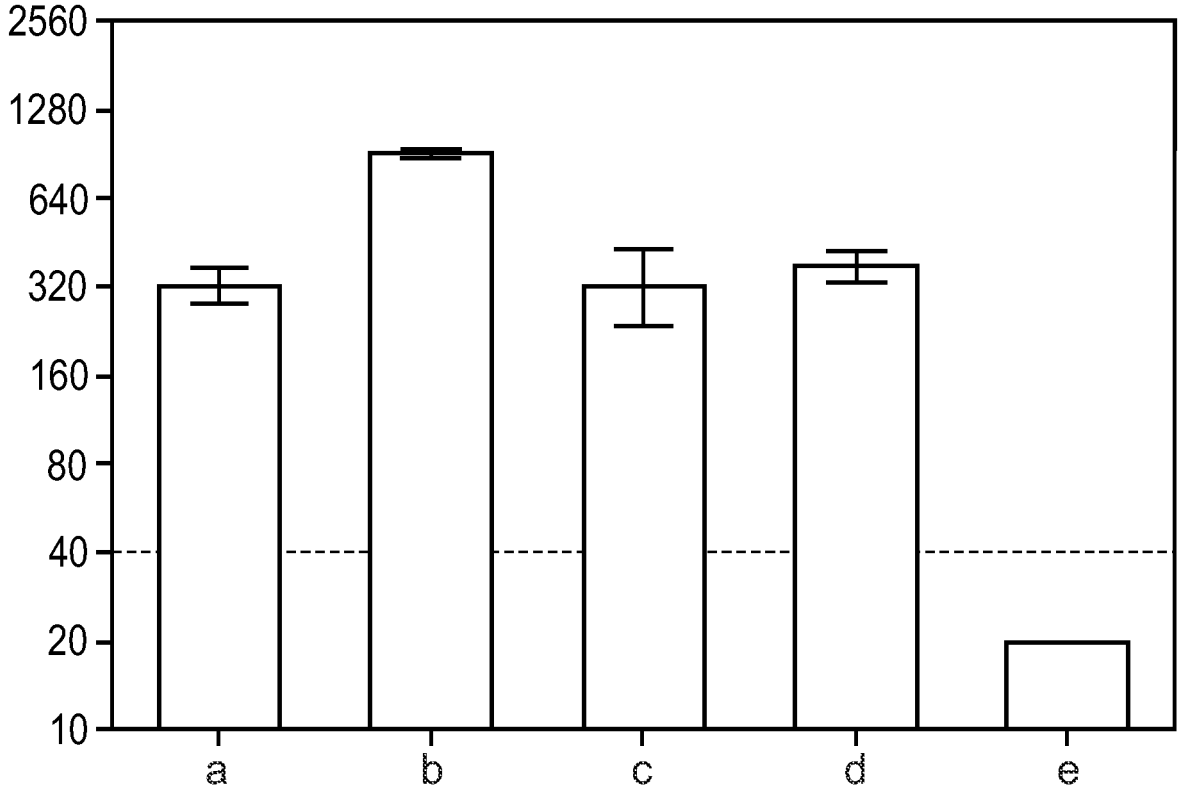

2560
1280
640
320
160
80
40
20
10
a
b
c
d
e

FIG. 16

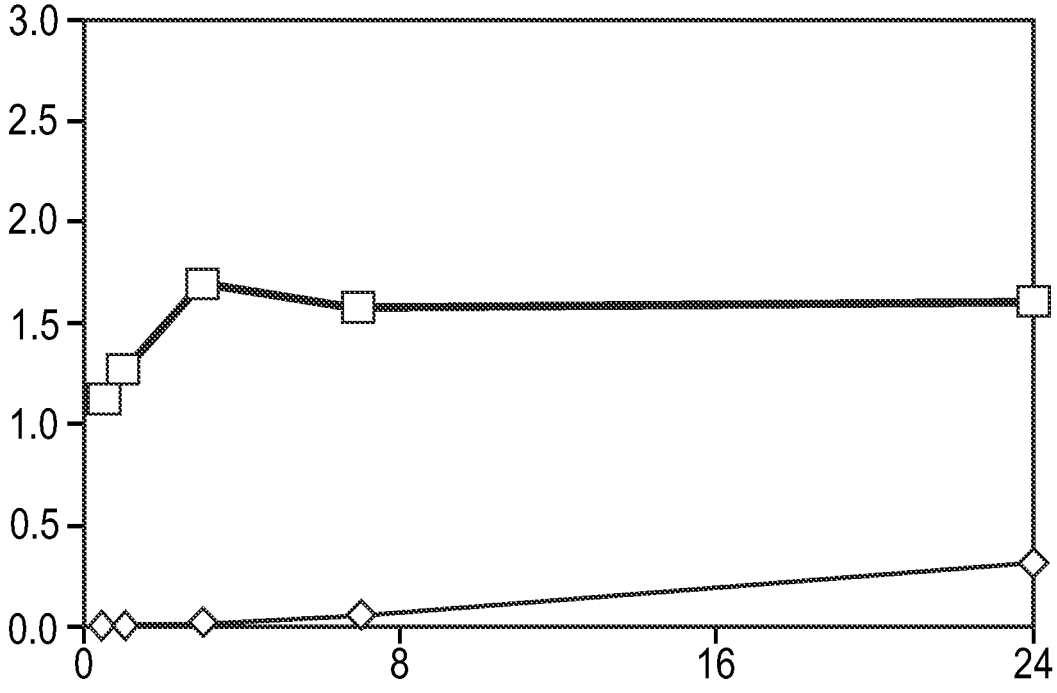

3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
8
16
24

FIG. 17A

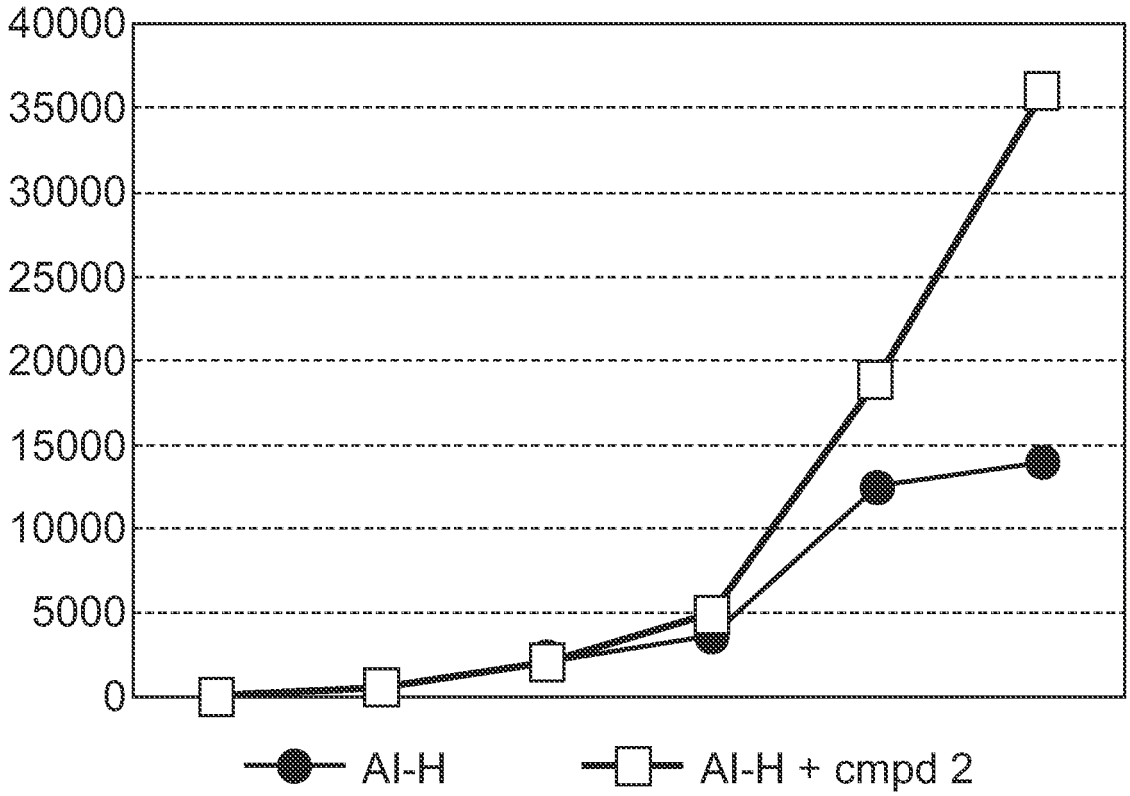


FIG. 17B

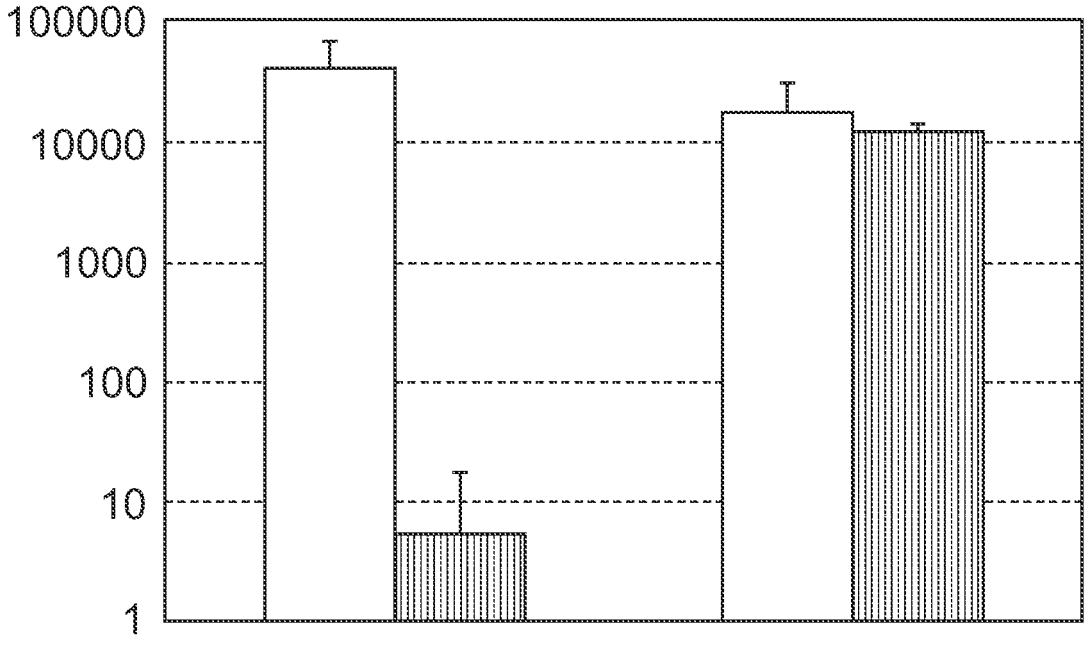


FIG. 18

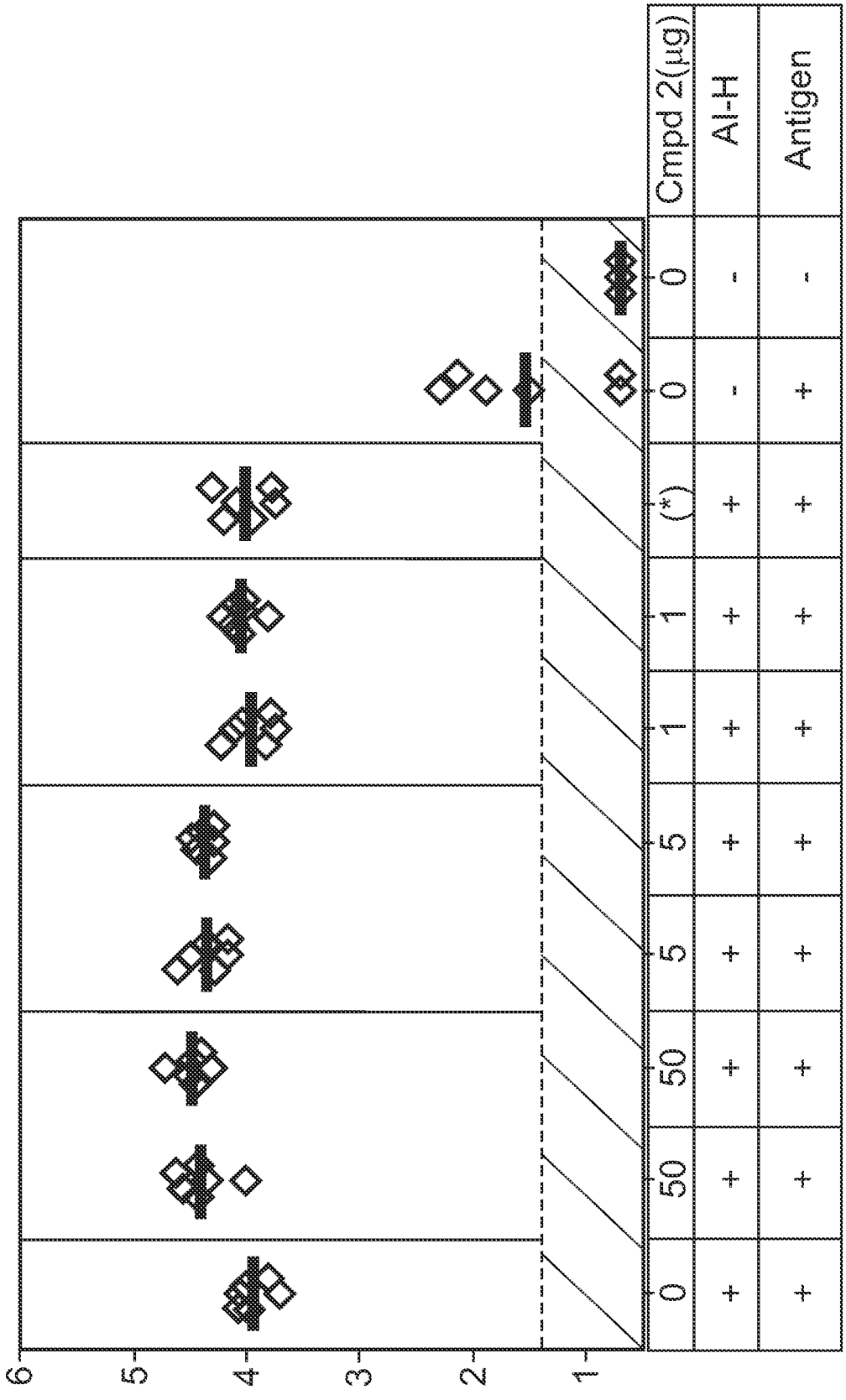


FIG. 19(A)

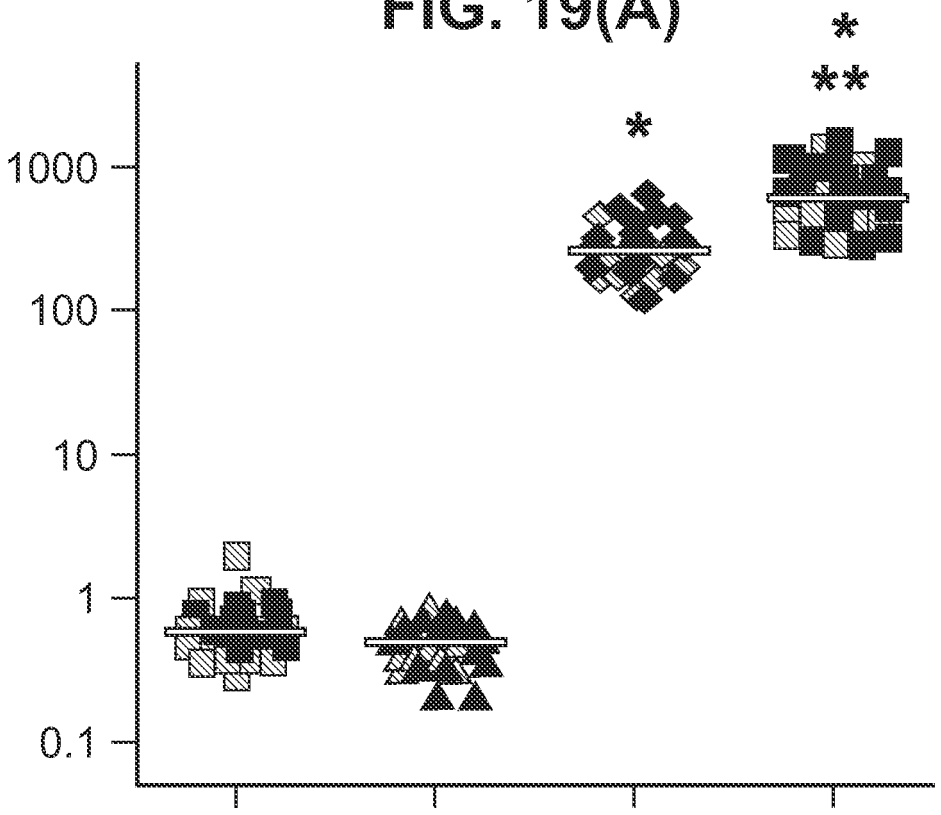


FIG. 19(B)

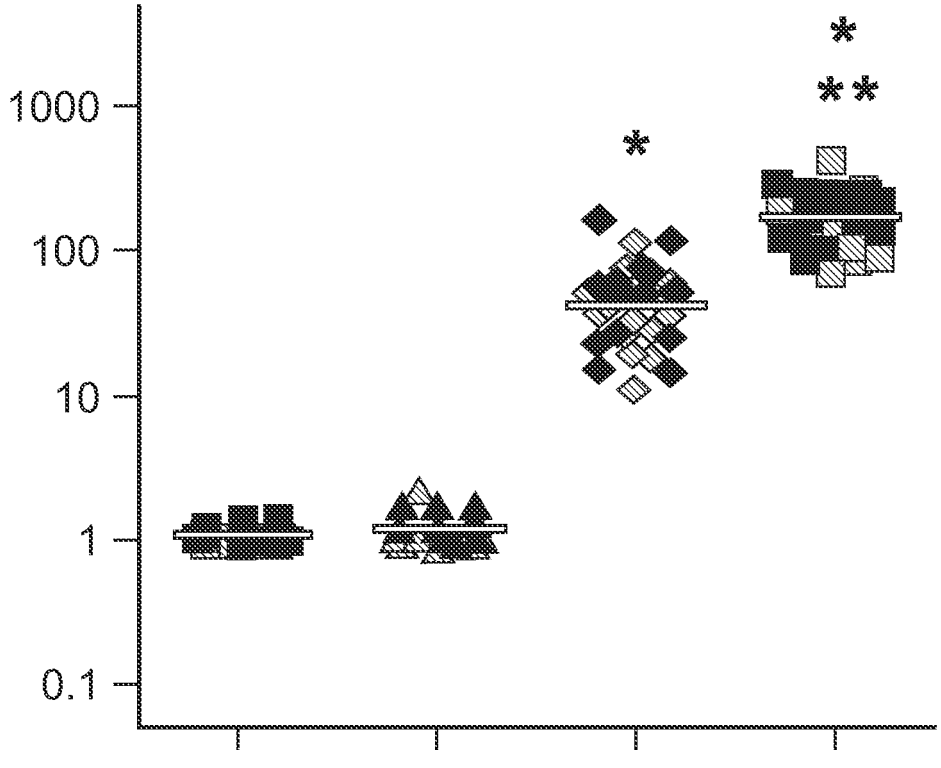


FIG. 19(C)

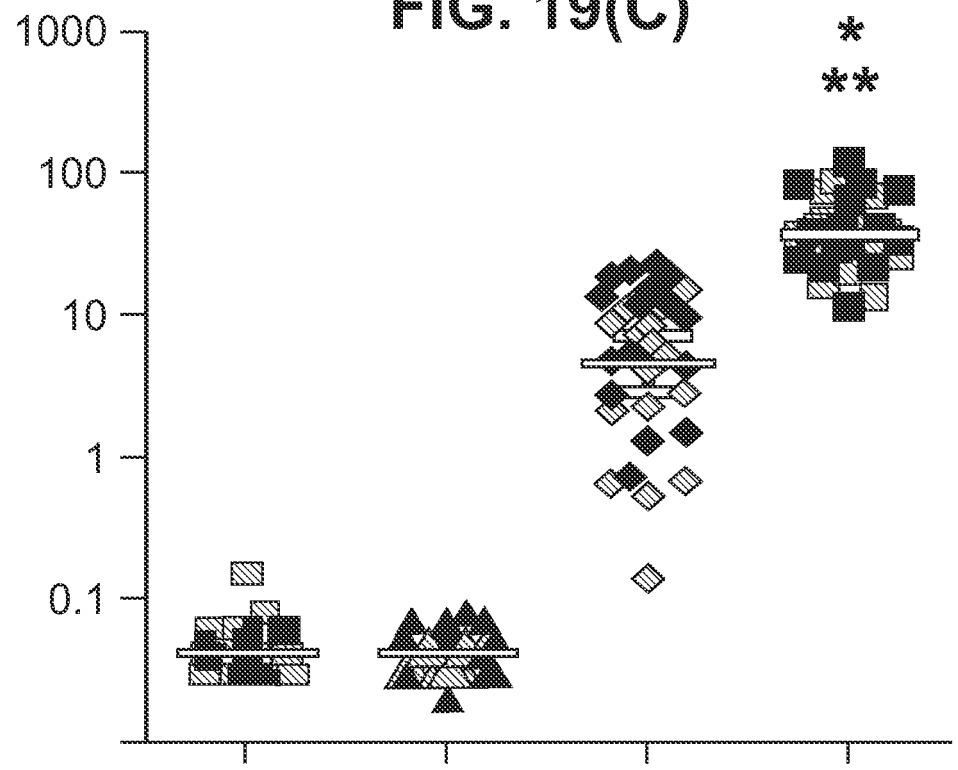


FIG. 19(D)

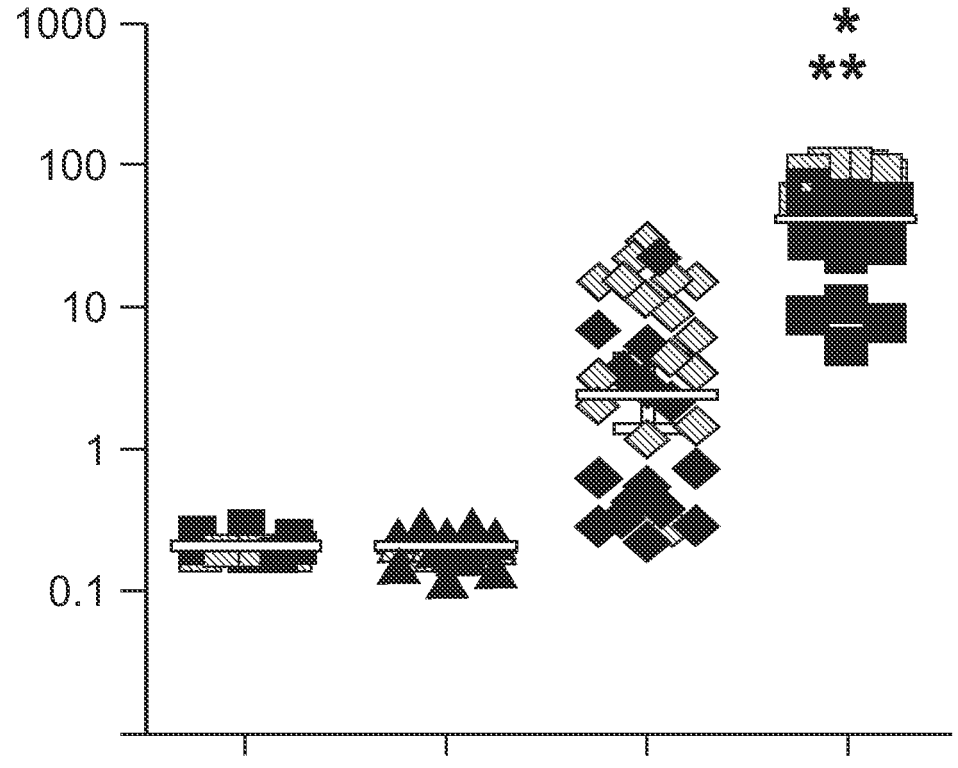


FIG. 20

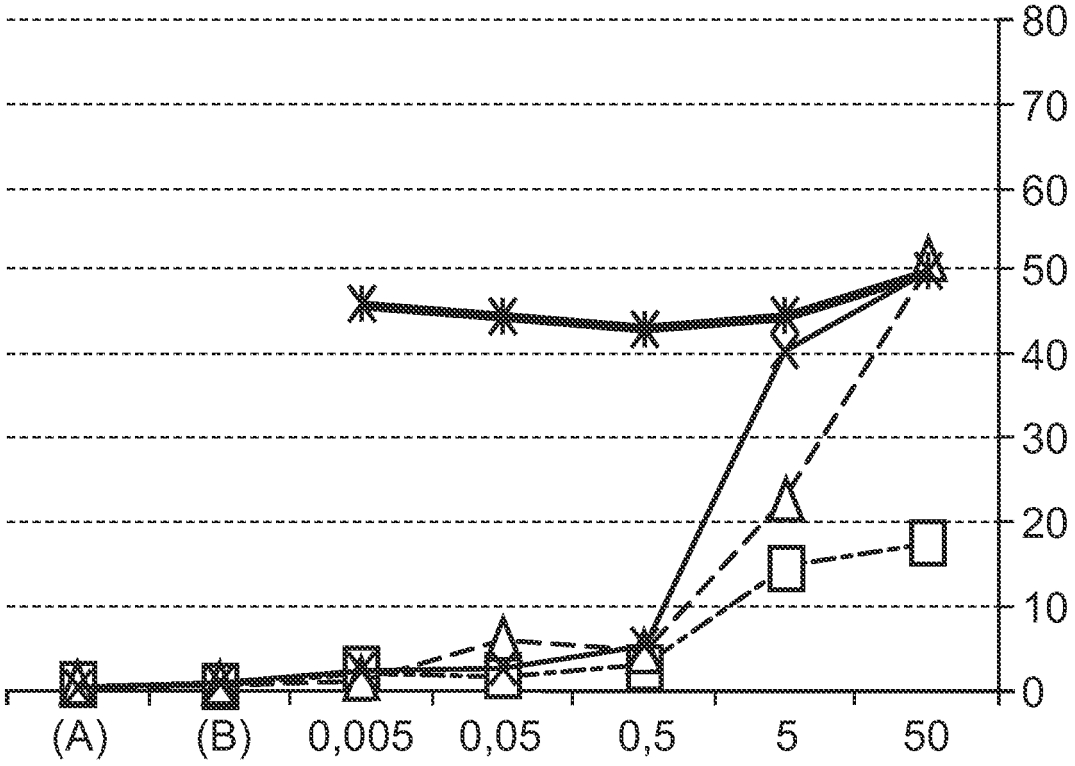
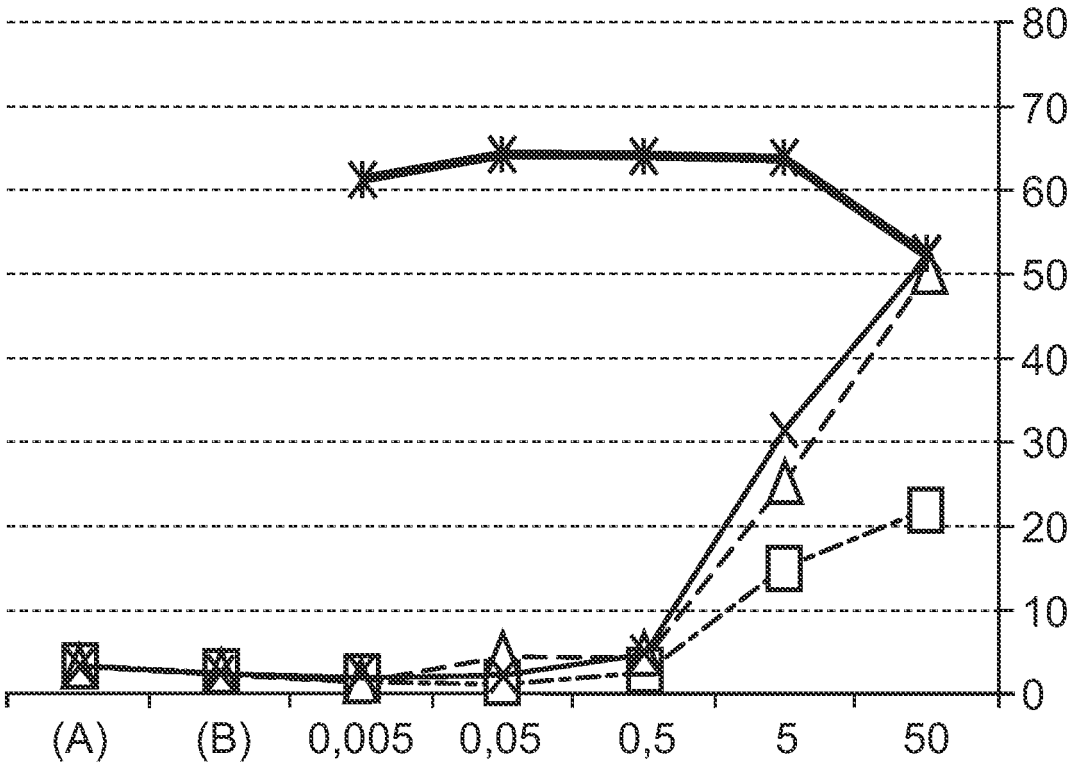

80
70
60
50
40
30
20
10
0
(A)
(B)
0,005
0,05
0,5
5
50

FIG. 21


80
70
60
50
40
30
20
10
0
(A)
(B)
0,005
0,05
0,5
5
50

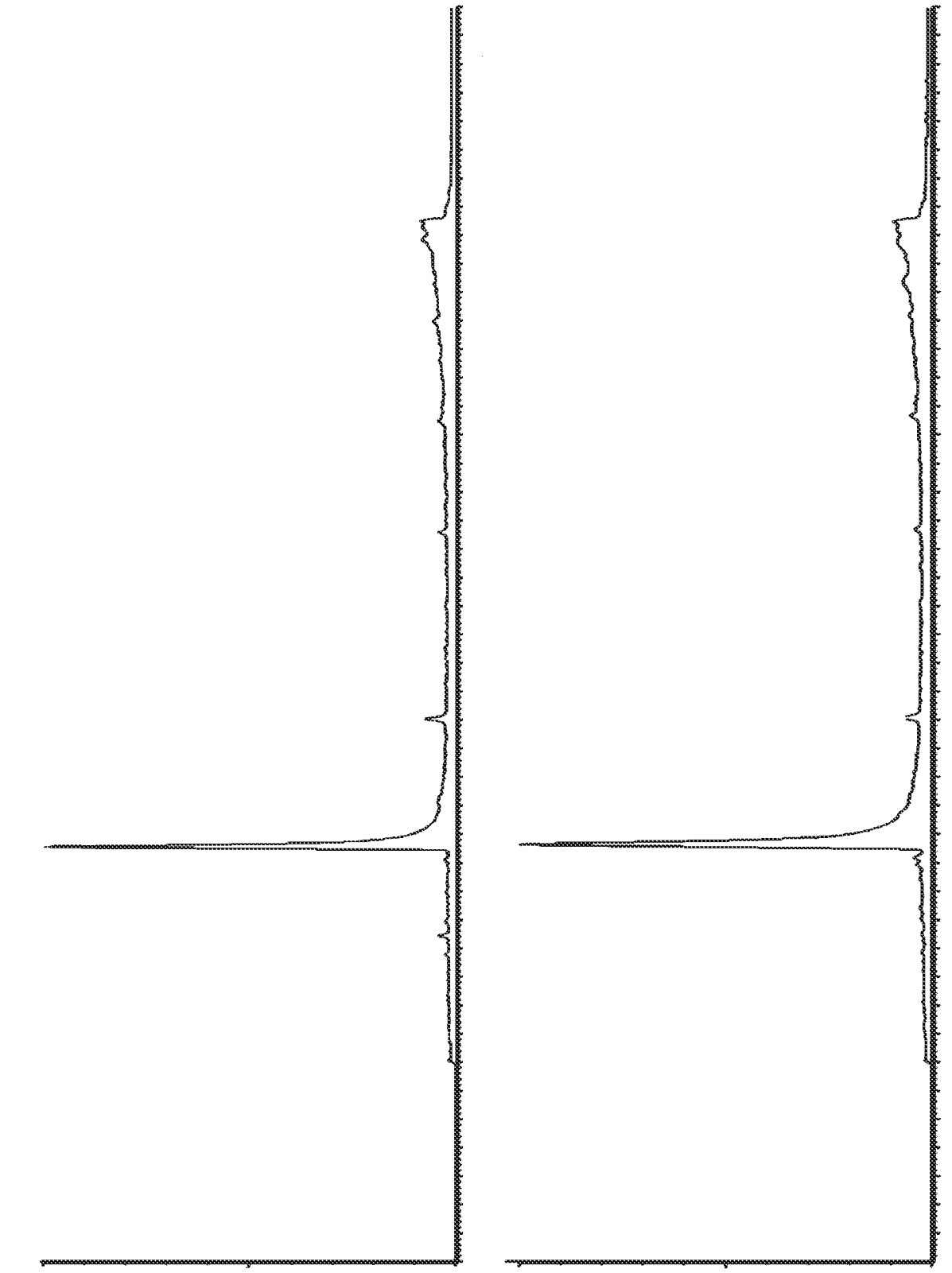


FIG. 22

FIG. 23A

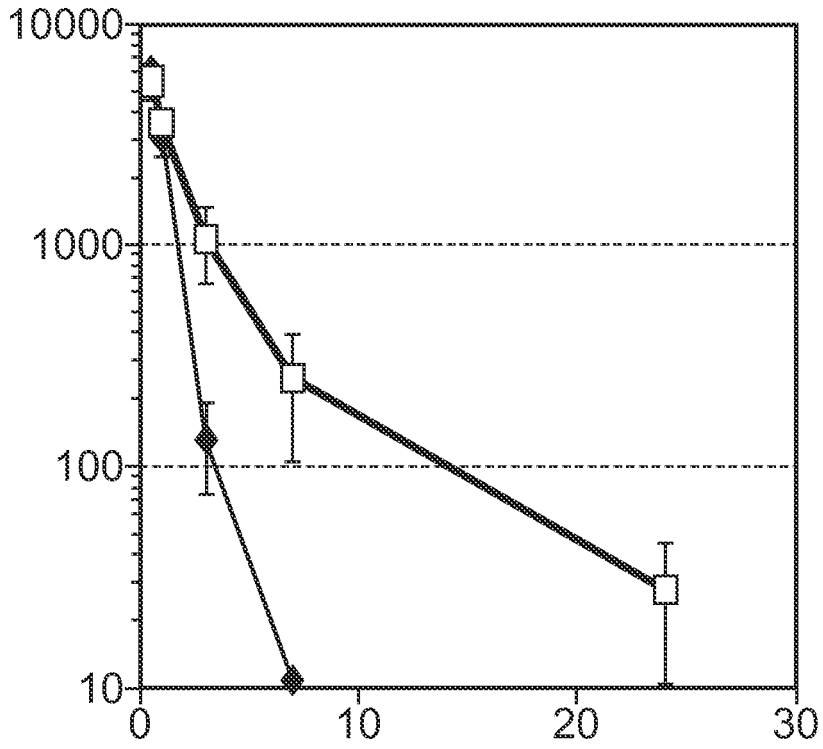


FIG. 23B

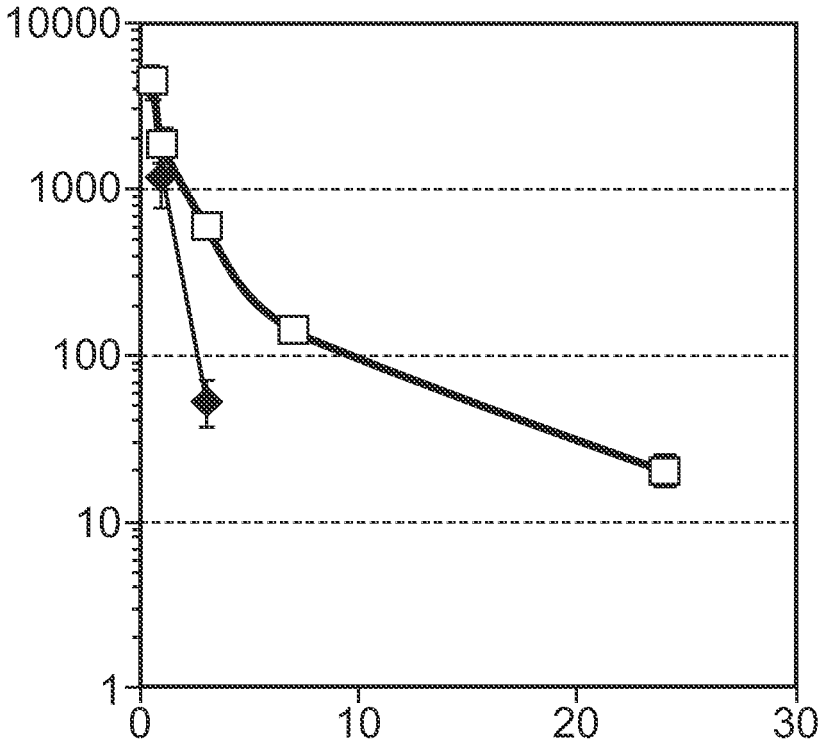


FIG. 23C

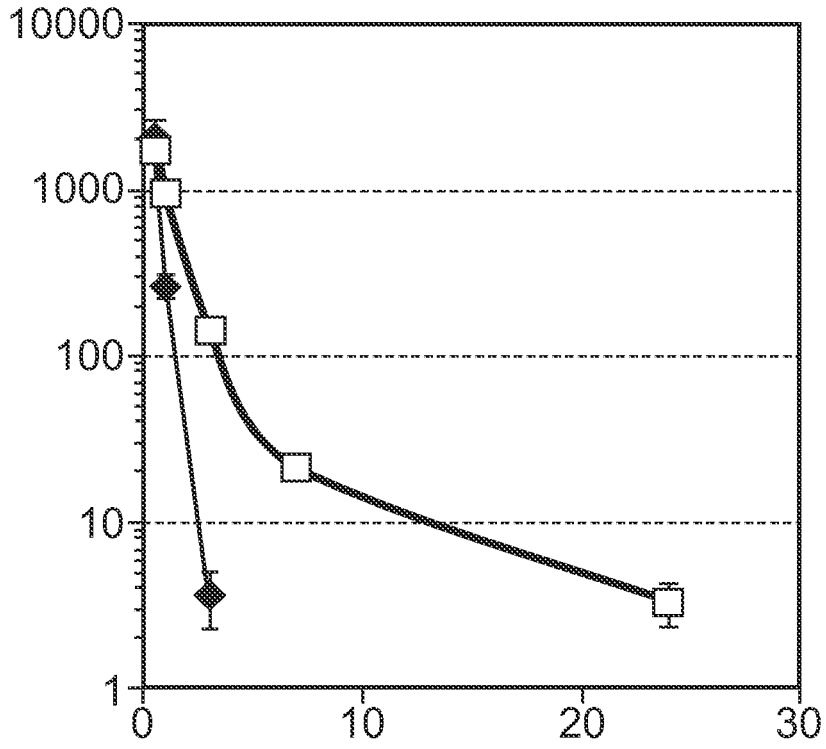


FIG. 23D

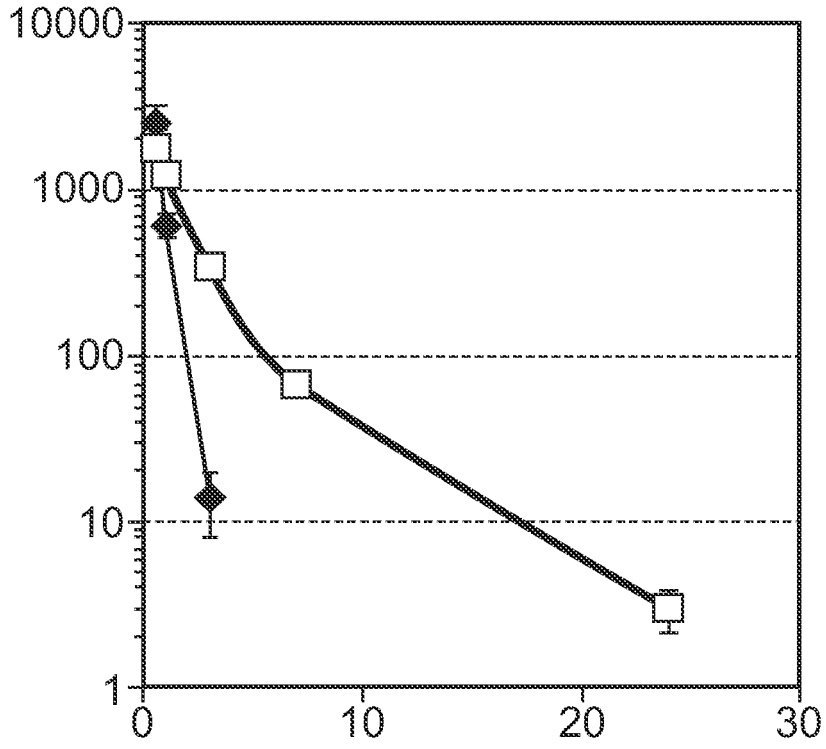


FIG. 24

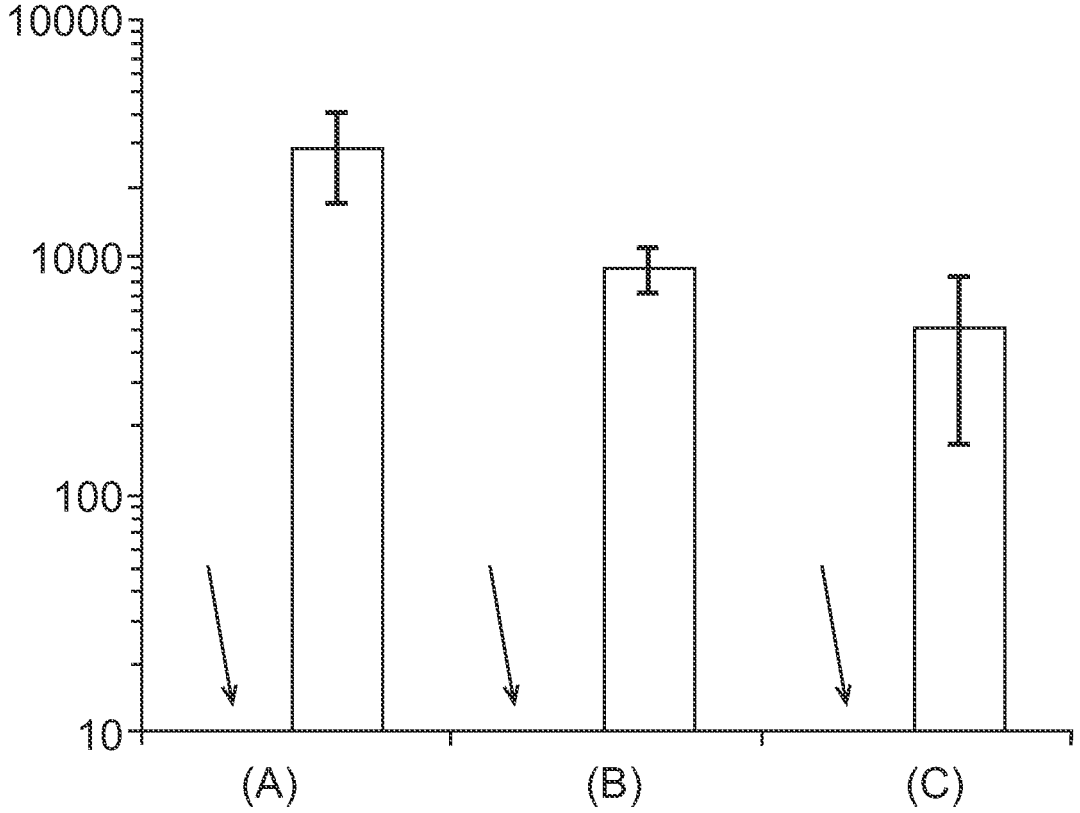

10000
1000
100
10
(A)
(B)
(C)

FIG. 25

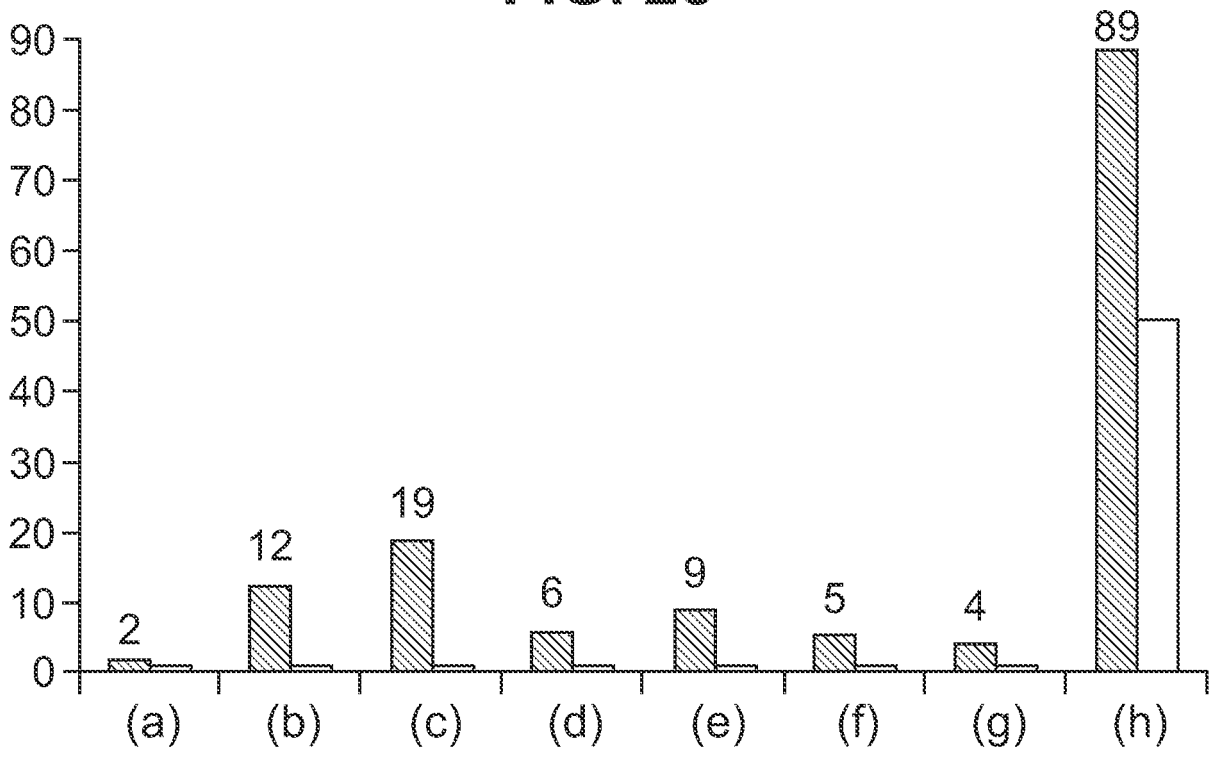

90
80
70
60
50
40
30
20
10
0
2
12
19
6
9
5
4
89
(a)
(b)
(c)
(d)
(e)
(f)
(g)
(h)

FIG. 26

