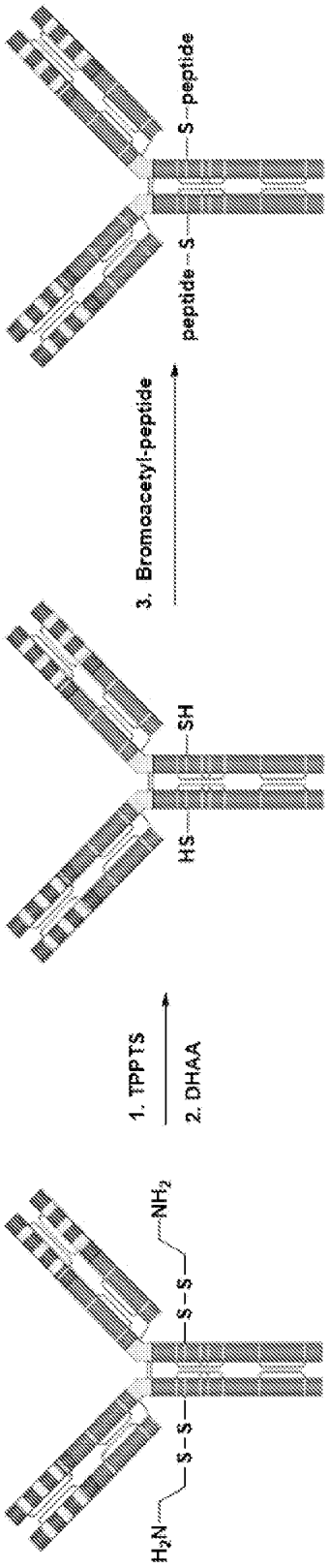
1. TPPTS
2. DHAA
3. Bromoacetyl-peptide
H_2N
S – S
NH_2
HS
SH
peptide — S
S — peptide

FIG. 1

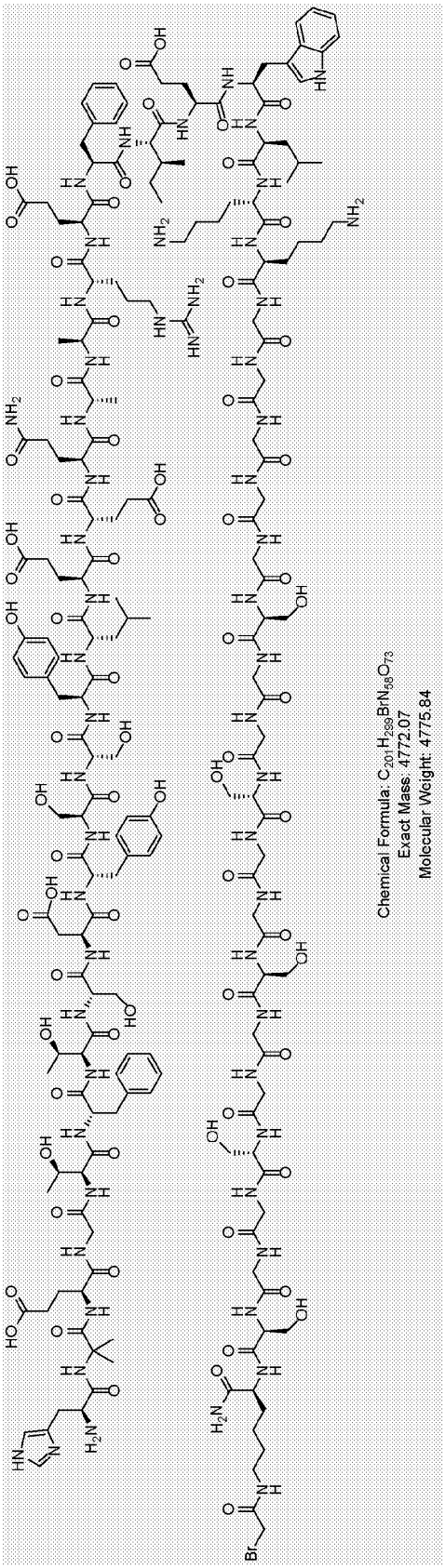
Chemical Formula: $C_{201}H_{299}BrN_{58}O_{73}$
Exact Mass: 4772.07
Molecular Weight: 4775.84

FIG. 2

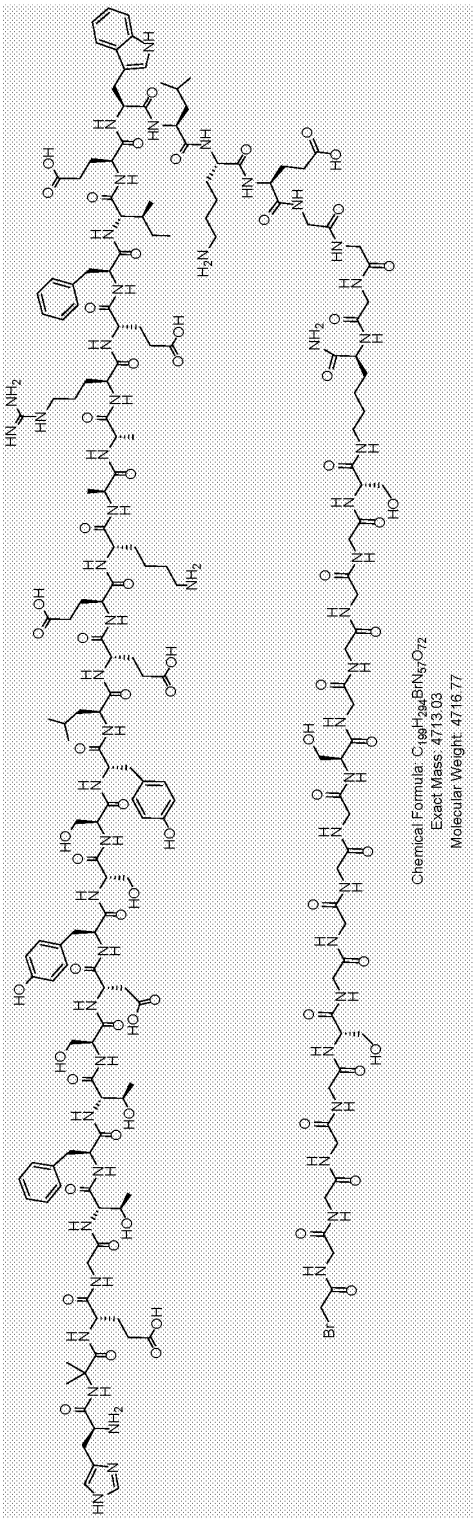
Chemical Formula: $C_{198}H_{284}BrN_{57}O_{72}$
Exact Mass: 4713.03
Molecular Weight: 4716.77

FIG. 3

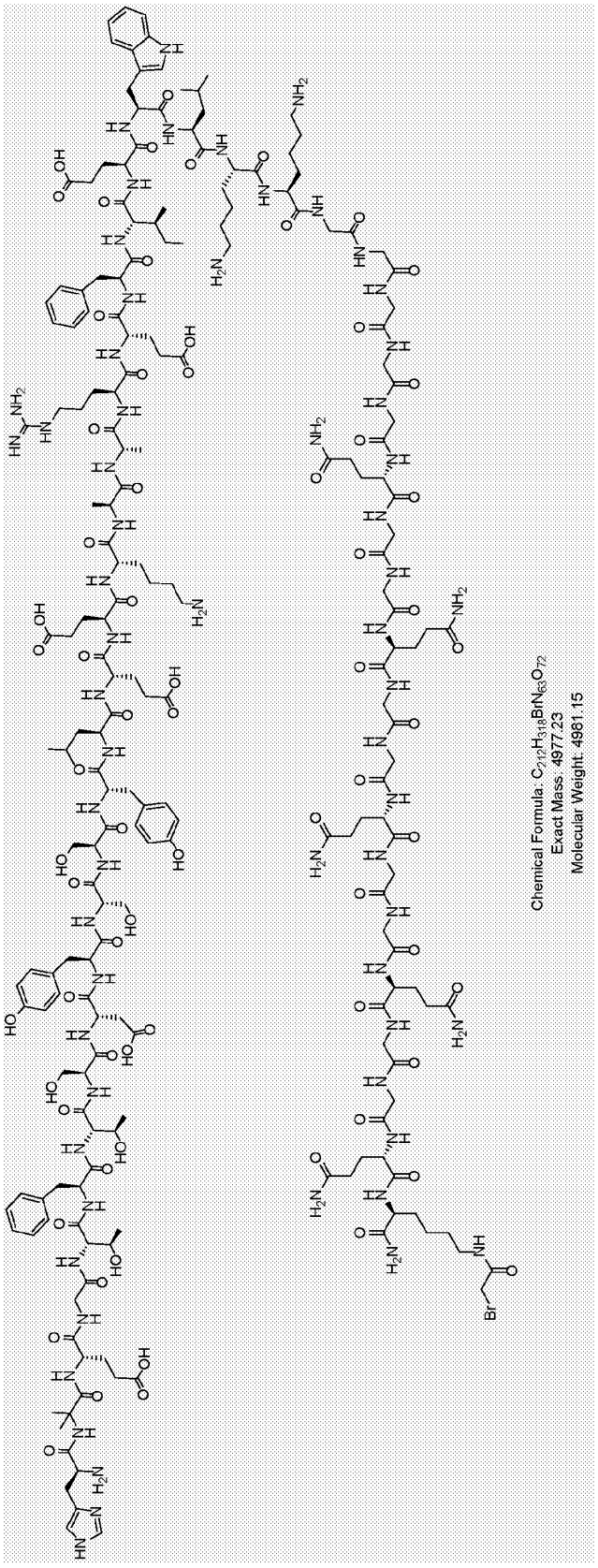
Chemical Formula: $C_{212}H_{318}BrN_{63}O_{72}$
Exact Mass: 4977.23
Molecular Weight: 4981.15

FIG. 4

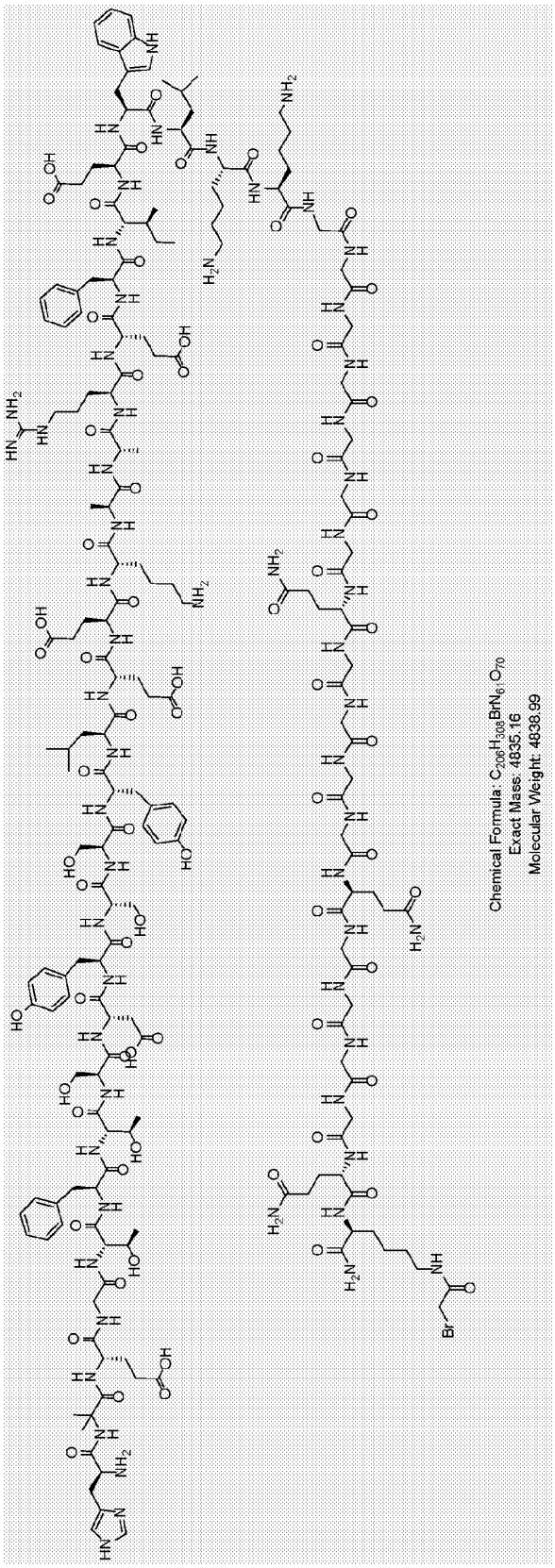
Chemical Formula: $C_{206}H_{308}BrN_{61}O_{70}$
Exact Mass: 4835.16
Molecular Weight: 4838.99

FIG. 5

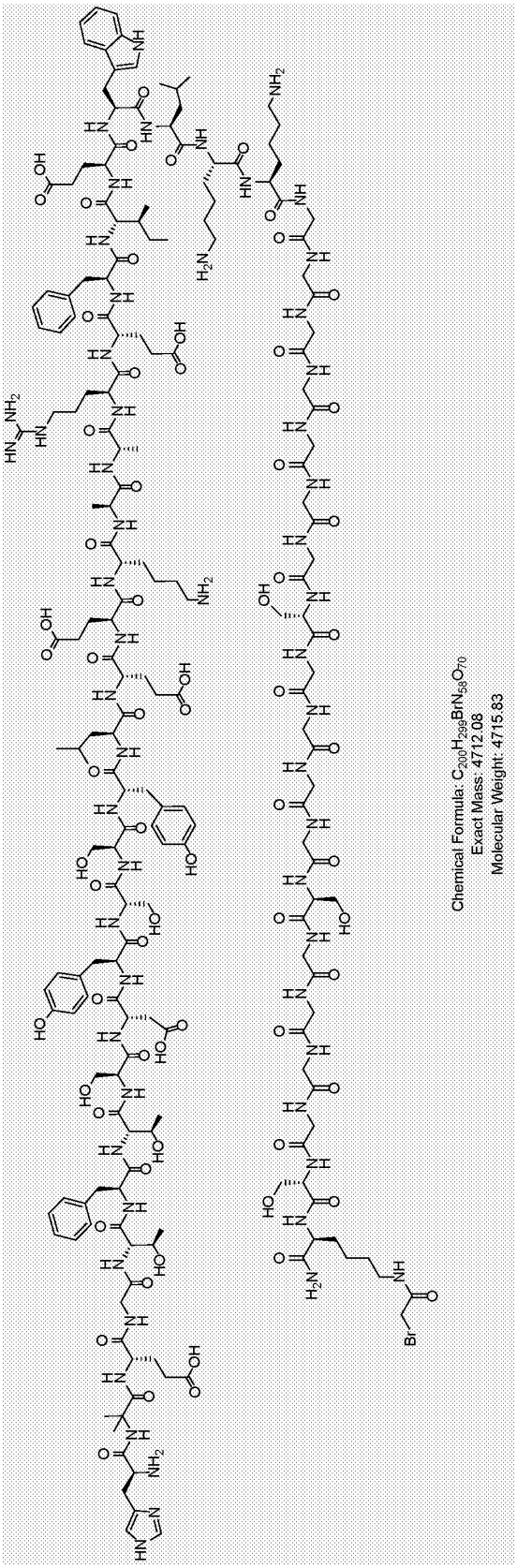
Chemical Formula: $C_{200}H_{298}BrN_{58}O_{70}$
Exact Mass: 4712.08
Molecular Weight: 4715.83

FIG. 6

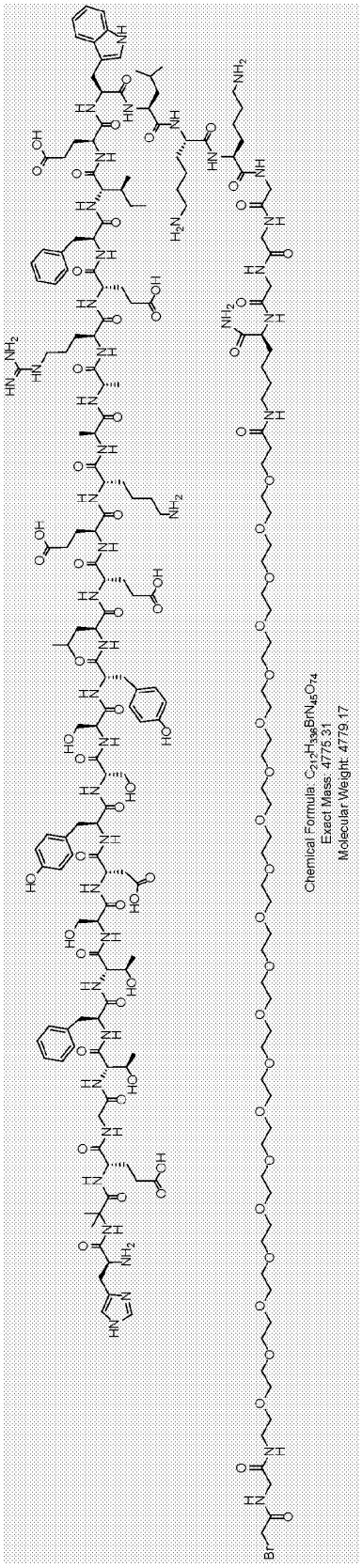
Chemical Formula: C212H336BrN45O74
Exact Mass: 4776.31
Molecular Weight: 4779.17

FIG. 7

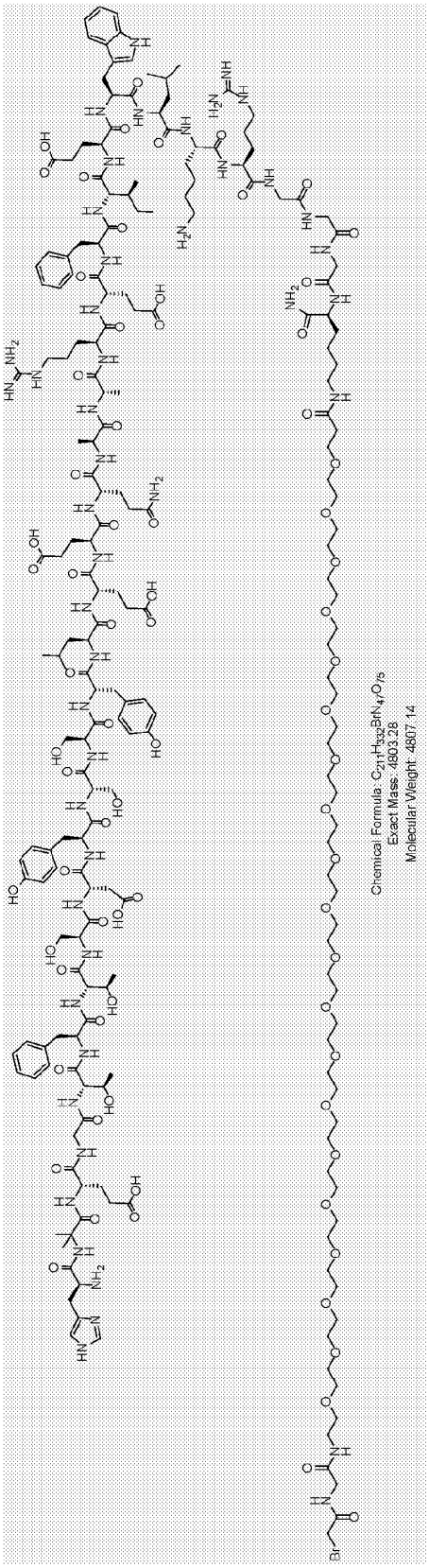
Chemical Formula: $C_{211}H_{332}BrN_{47}O_{75}$
Exact Mass: 4803.28
Molecular Weight: 4807.14

FIG. 8

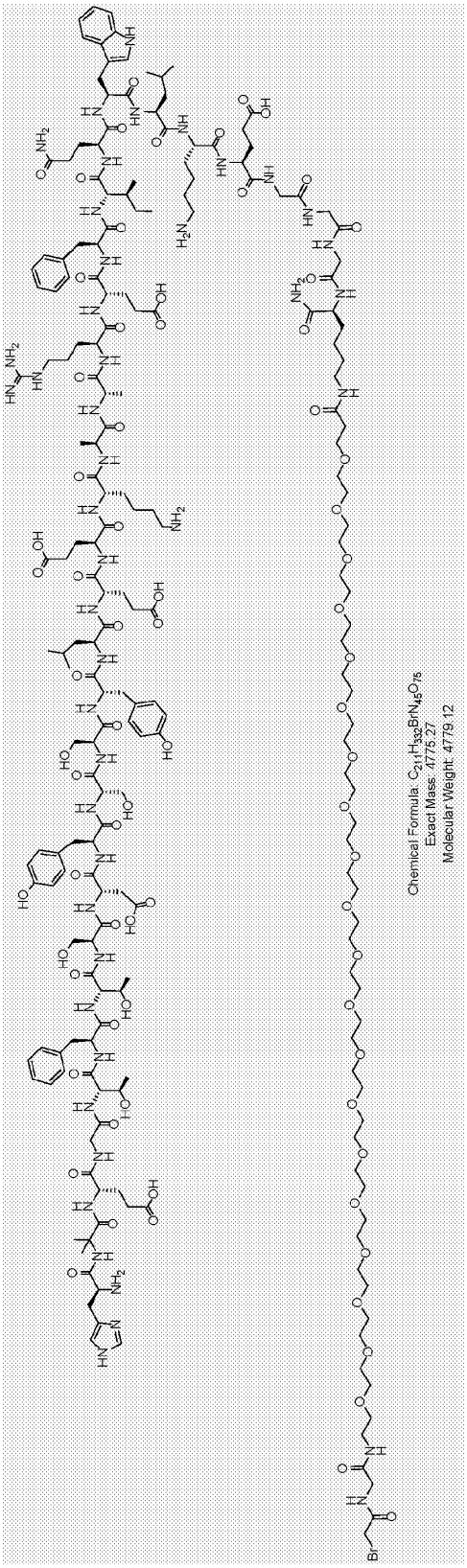
Chemical Formula: $C_{211}H_{350}BrN_{48}O_{78}$
Exact Mass: 4775.27
Molecular Weight: 4779.12

FIG. 9

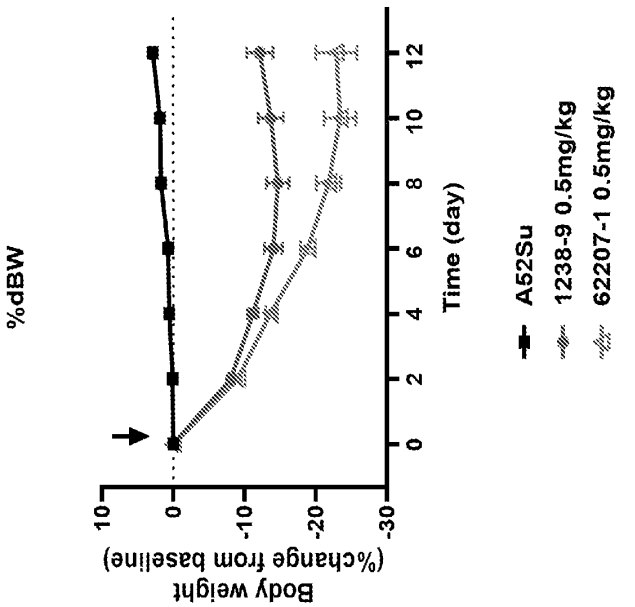
%dBW
Body weight
(%change from baseline)
10
0
-10
-20
-30
0
2
4
6
8
10
12
Time (day)
A52Su
1238-9 0.5mg/kg
62207-1 0.5mg/kg

FIG. 10

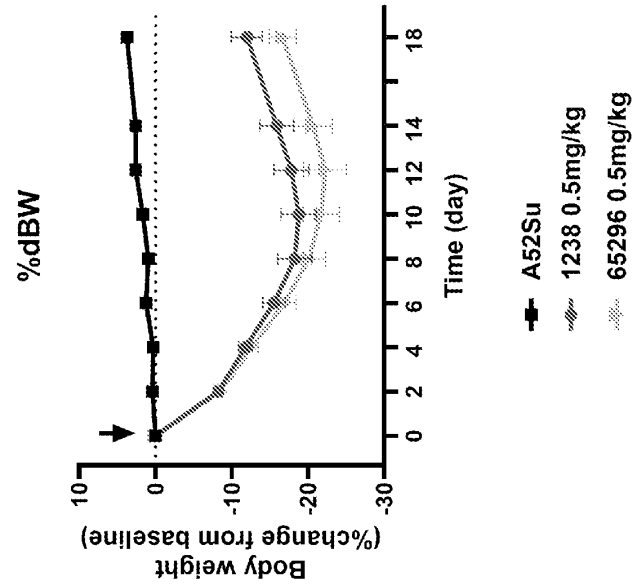
%dBW
Body weight
(%change from baseline)
10
0
-10
-20
-30
0
2
4
6
8
10
12
14
16
18
Time (day)
A52Su
1238 0.5mg/kg
65296 0.5mg/kg

FIG. 11

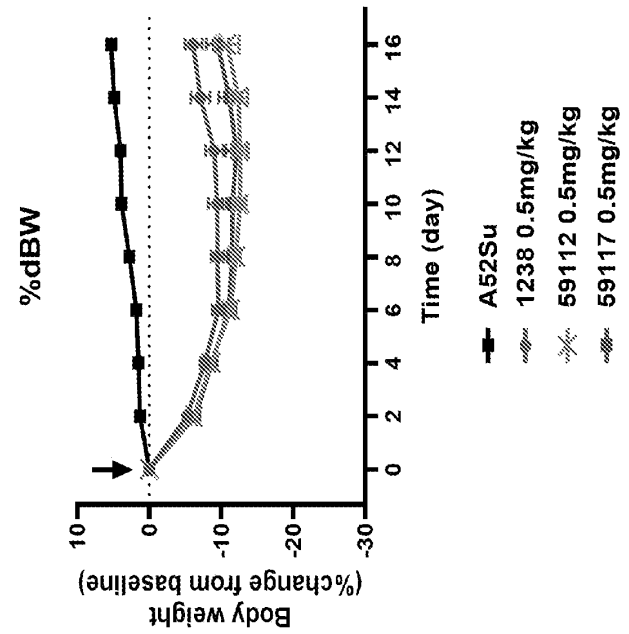
%dBW
Body weight
(%change from baseline)
10
0
-10
-20
-30
0 2 4 6 8 10 12 14 16
Time (day)
A52Su
1238 0.5mg/kg
59112 0.5mg/kg
59117 0.5mg/kg

FIG. 13

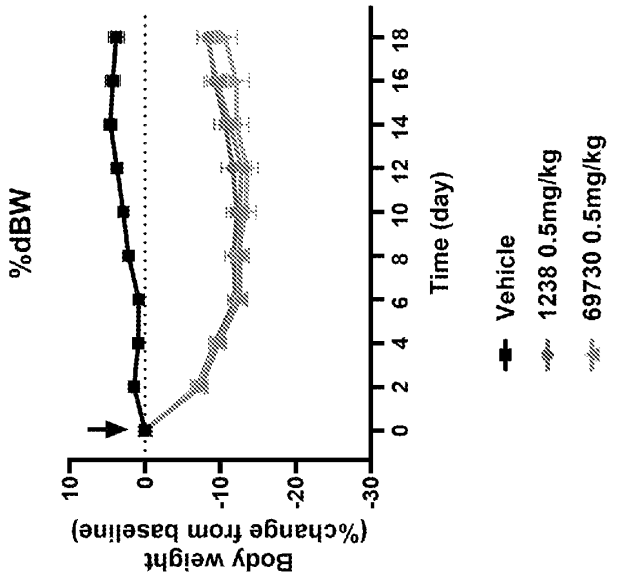
%dBW
Body weight
(%change from baseline)
10
0
-10
-20
-30
0 2 4 6 8 10 12 14 16 18
Time (day)
Vehicle
1238 0.5mg/kg
69730 0.5mg/kg
69850 0.5mg/kg

FIG. 12

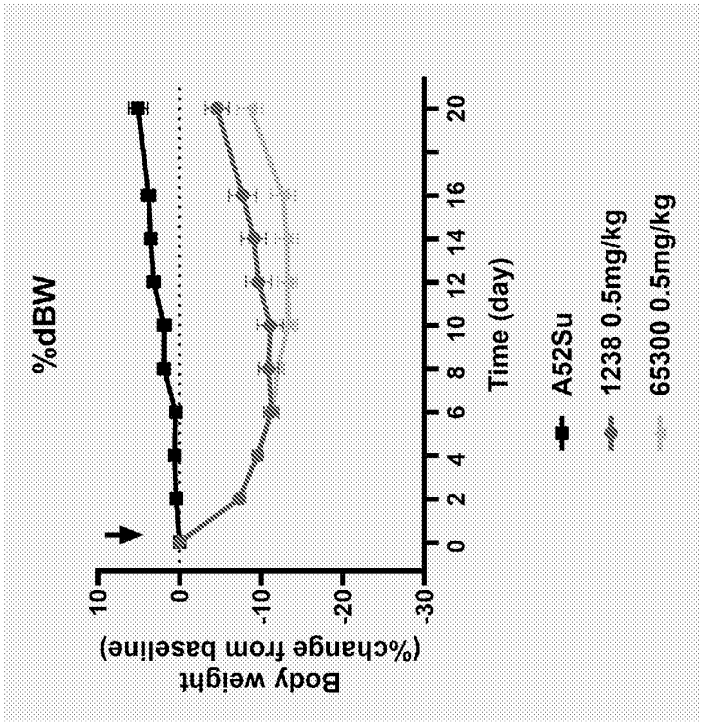
%dBW
Body weight
(%change from baseline)
10
0
-10
-20
-30
0 2 4 6 8 10 12 14 16 20
Time (day)
A52Su
1238 0.5mg/kg
65300 0.5mg/kg

FIG. 14

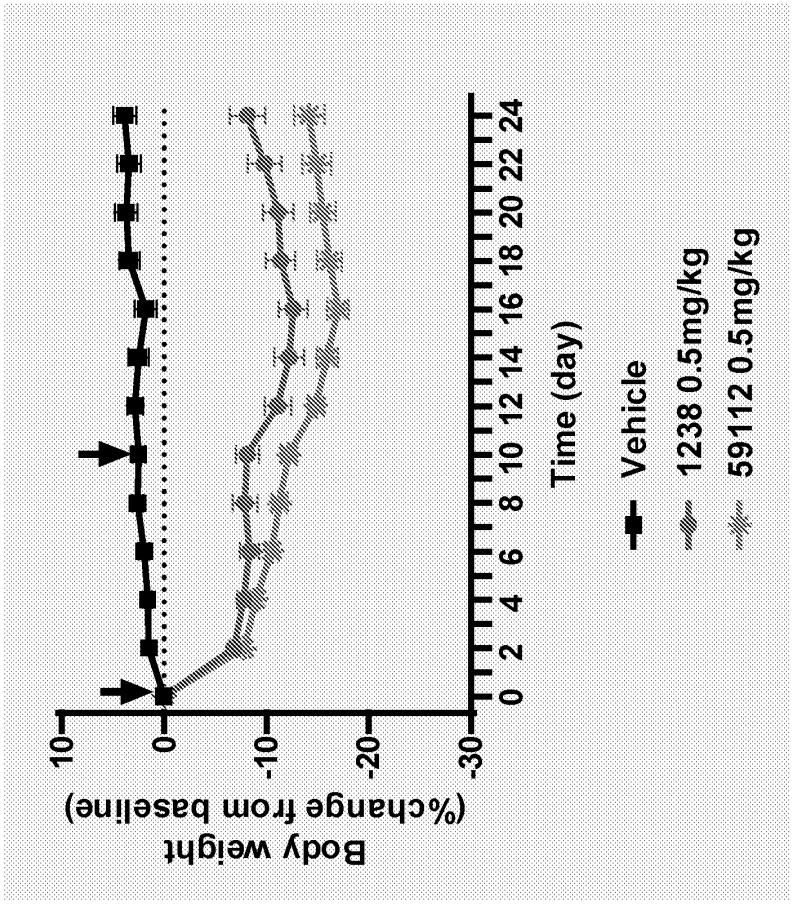
Body weight
(%change from baseline)
10
0
-10
-20
-30
0 2 4 6 8 10 12 14 16 18 20 22 24
Time (day)
Vehicle
1238 0.5mg/kg
59112 0.5mg/kg

FIG. 15

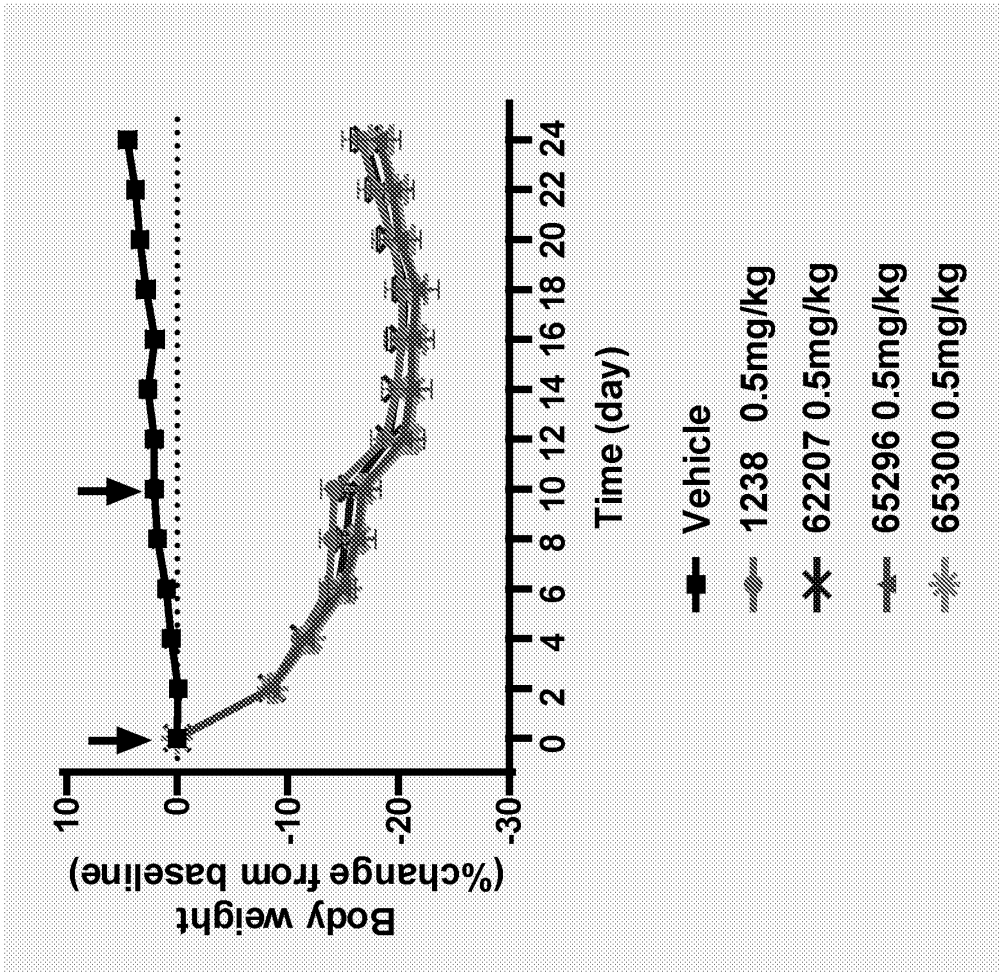
Body weight
(%change from baseline)
10
0
-10
-20
-30
0 2 4 6 8 10 12 14 16 18 20 22 24
Time (day)
Vehicle
1238 0.5mg/kg
62207 0.5mg/kg
65296 0.5mg/kg
65300 0.5mg/kg

FIG. 16

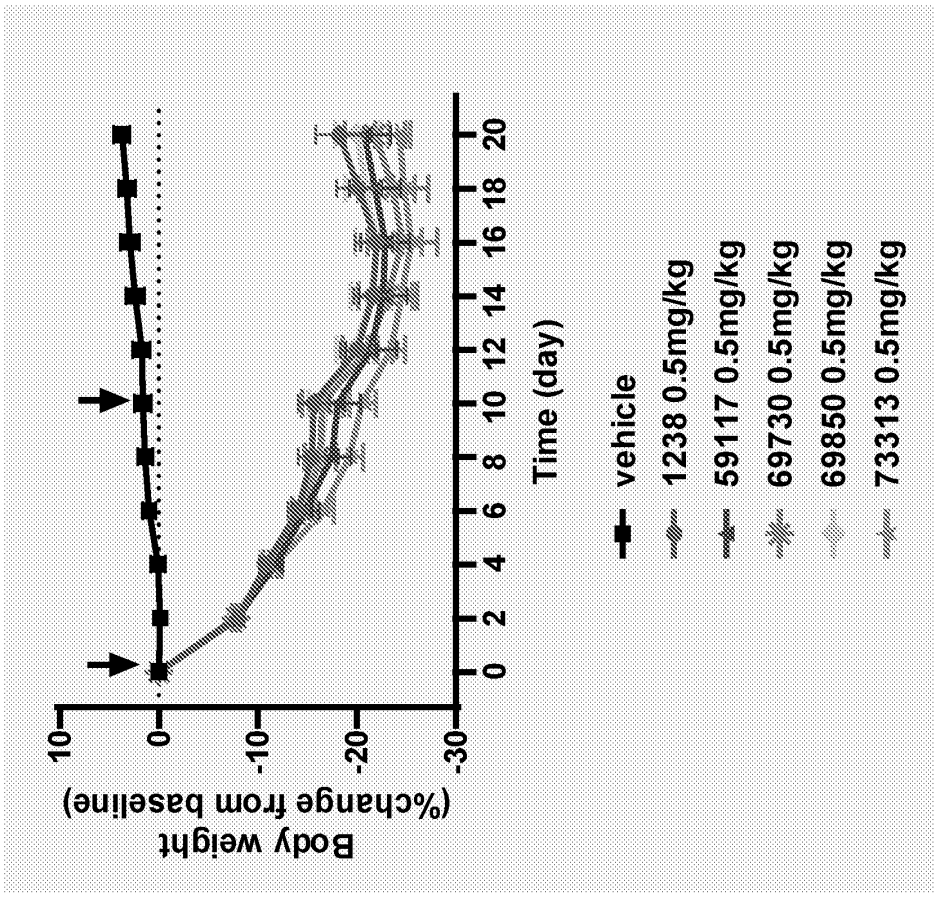
Body weight
(%change from baseline)
10
0
-10
-20
-30
0
2
4
6
8
10
12
14
16
18
20
Time (day)
vehicle
1238 0.5mg/kg
59117 0.5mg/kg
69730 0.5mg/kg
69850 0.5mg/kg
73313 0.5mg/kg

FIG. 17