Figure 1

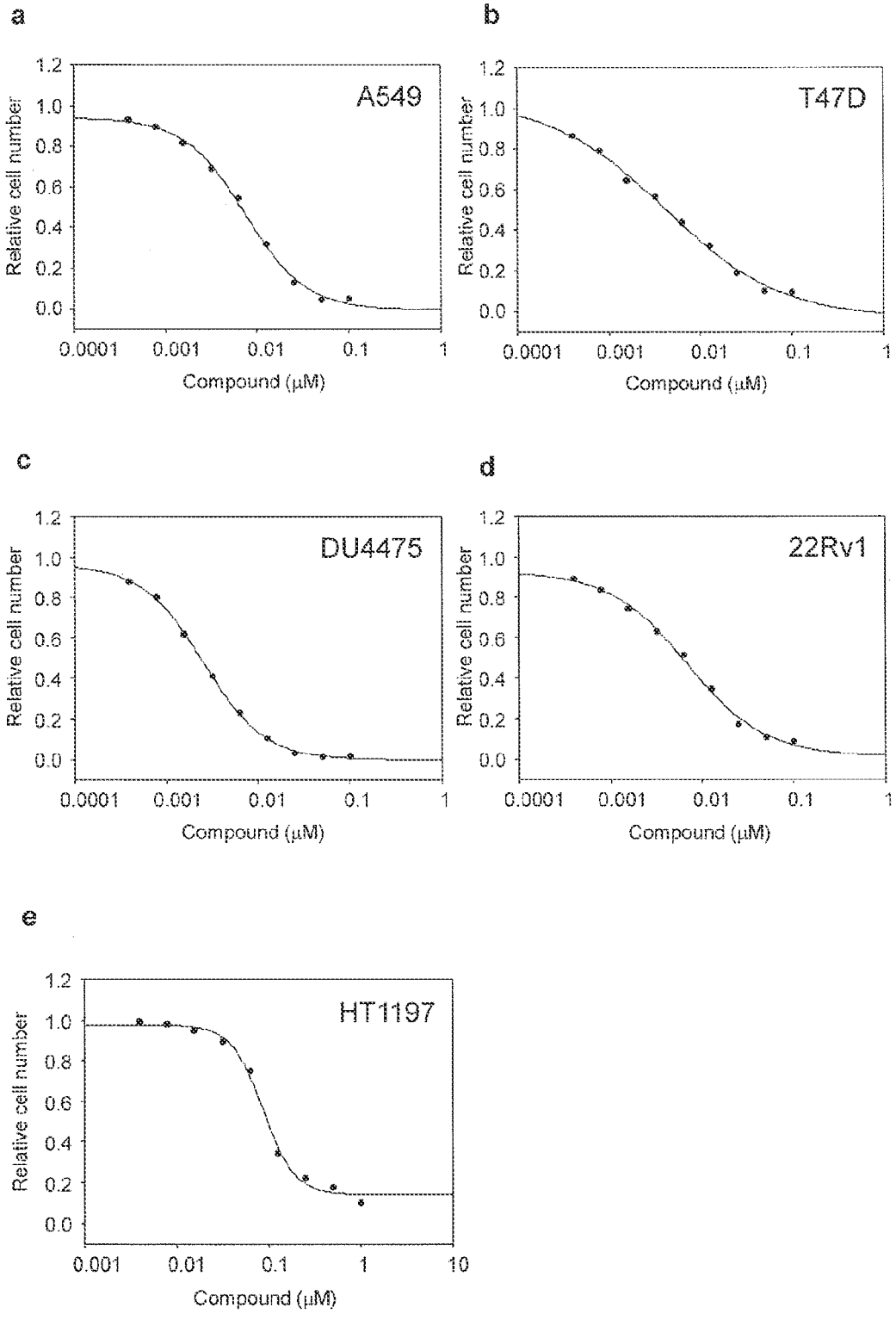

a
A549
Relative cell number
Compound (μM)
b
T47D
Relative cell number
Compound (μM)
c
DU4475
Relative cell number
Compound (μM)
d
22Rv1
Relative cell number
Compound (μM)
e
HT1197
Relative cell number
Compound (μM)

Figure 2-1

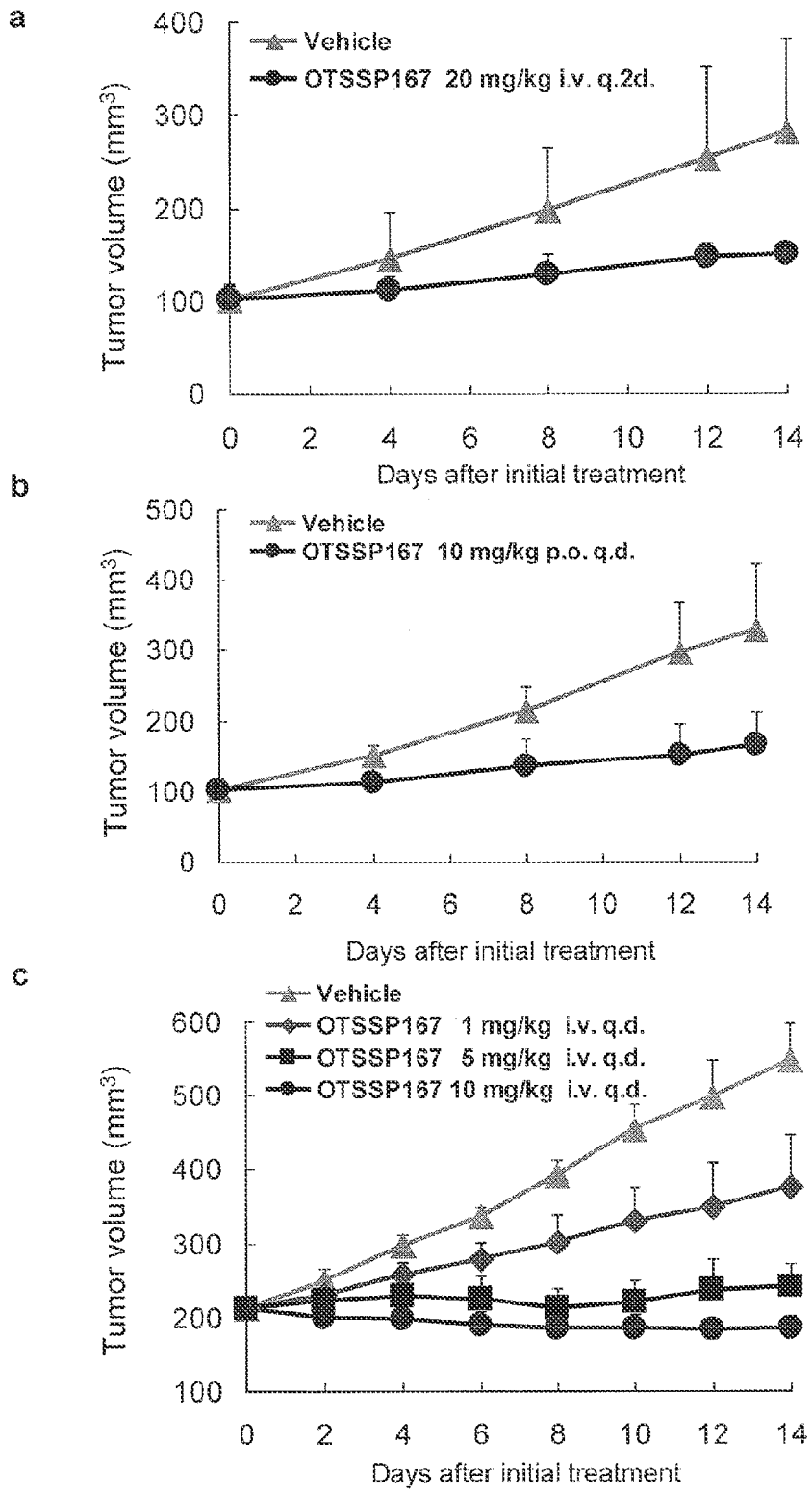

a
Vehicle
OTSSP167 20 mg/kg i.v. q.2d.
Tumor volume (mm3)
Days after initial treatment
b
Vehicle
OTSSP167 10 mg/kg p.o. q.d.
Tumor volume (mm3)
Days after initial treatment
c
Vehicle
OTSSP167 1 mg/kg i.v. q.d.
OTSSP167 5 mg/kg i.v. q.d.
OTSSP167 10 mg/kg i.v. q.d.
Tumor volume (mm3)
Days after initial treatment

Figure 2-2

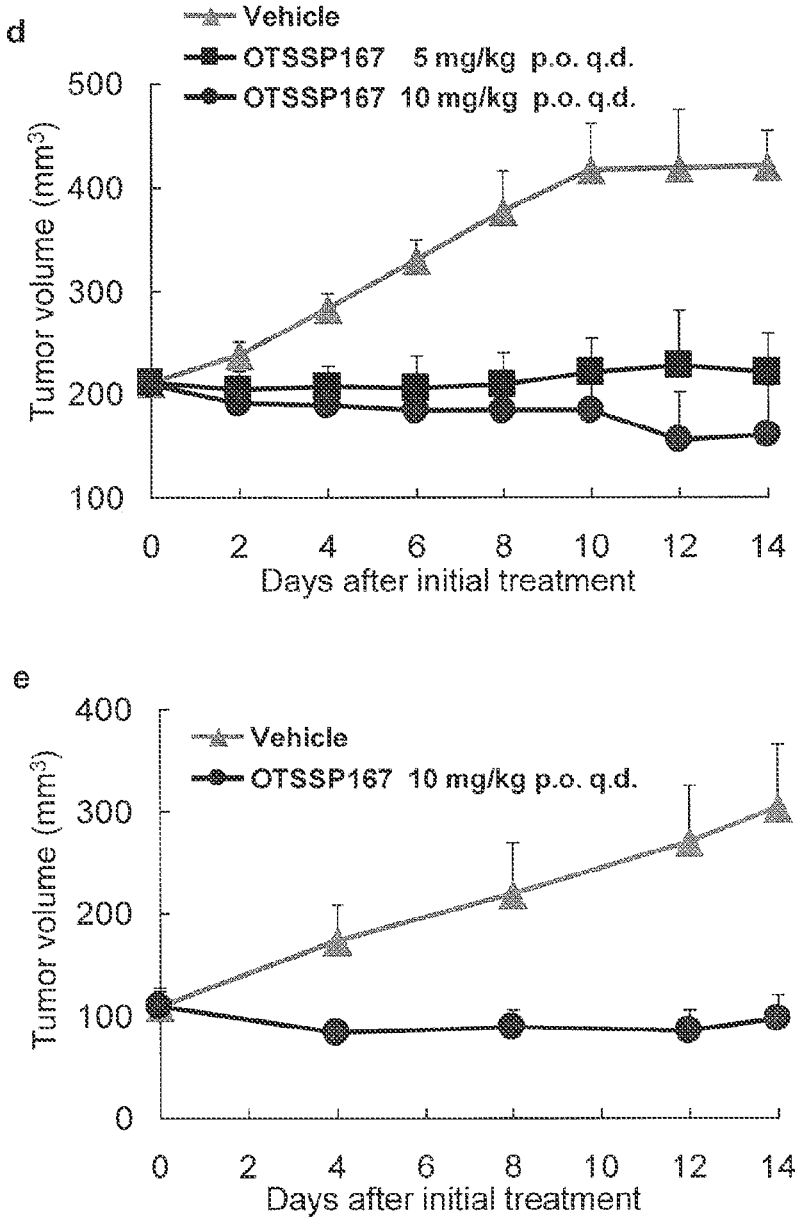
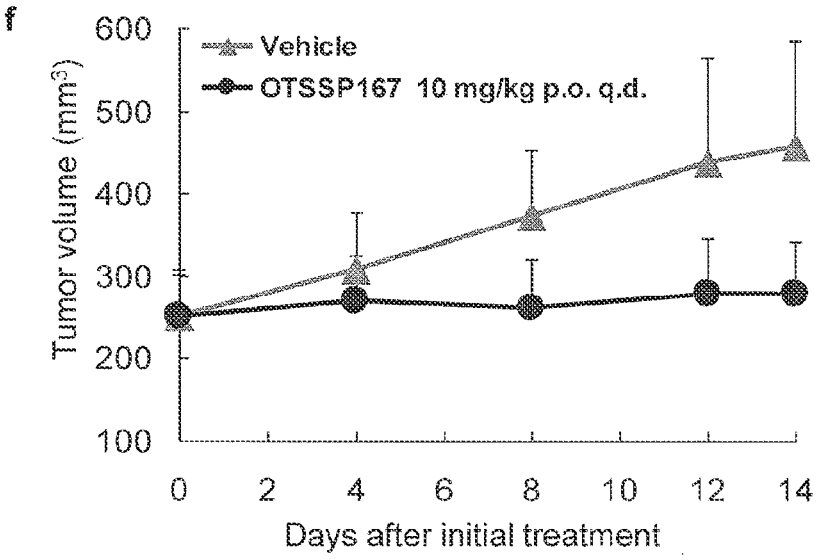

d
Vehicle
OTSSP167 5 mg/kg p.o. q.d.
OTSSP167 10 mg/kg p.o. q.d.
Tumor volume (mm3)
500
400
300
200
100
0 2 4 6 8 10 12 14
Days after initial treatment
e
Vehicle
OTSSP167 10 mg/kg p.o. q.d.
Tumor volume (mm3)
400
300
200
100
0
0 2 4 6 8 10 12 14
Days after initial treatment

Figure 2-3


f
Vehicle
OTSSP167 10 mg/kg p.o. q.d.
Tumor volume (mm3)
600
500
400
300
200
100
0
2
4
6
8
10
12
14
Days after initial treatment

g
A549
PC-14
Tumor sample #
1
2
3
1
2
3
IB : MELK
IB : ACTB

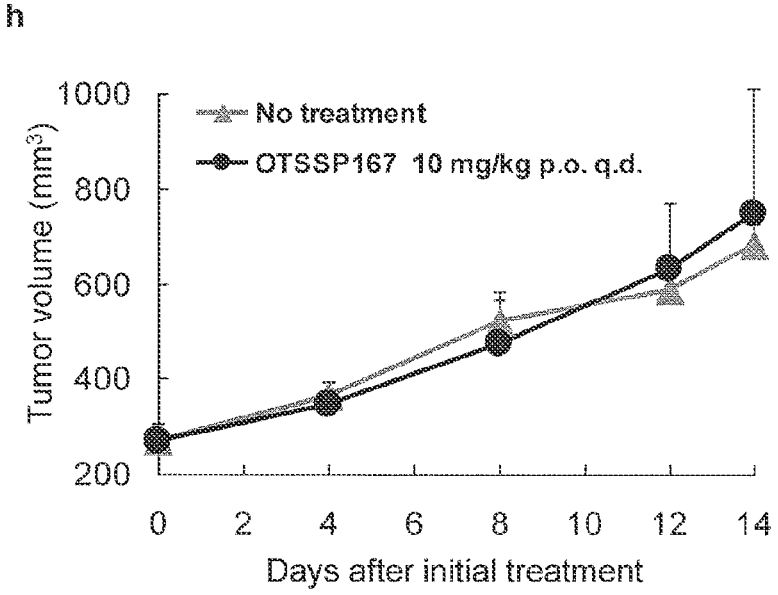

h
No treatment
OTSSP167 10 mg/kg p.o. q.d.
Tumor volume (mm3)
1000
800
600
400
200
0
2
4
6
8
10
12
14
Days after initial treatment

Figure 3-1

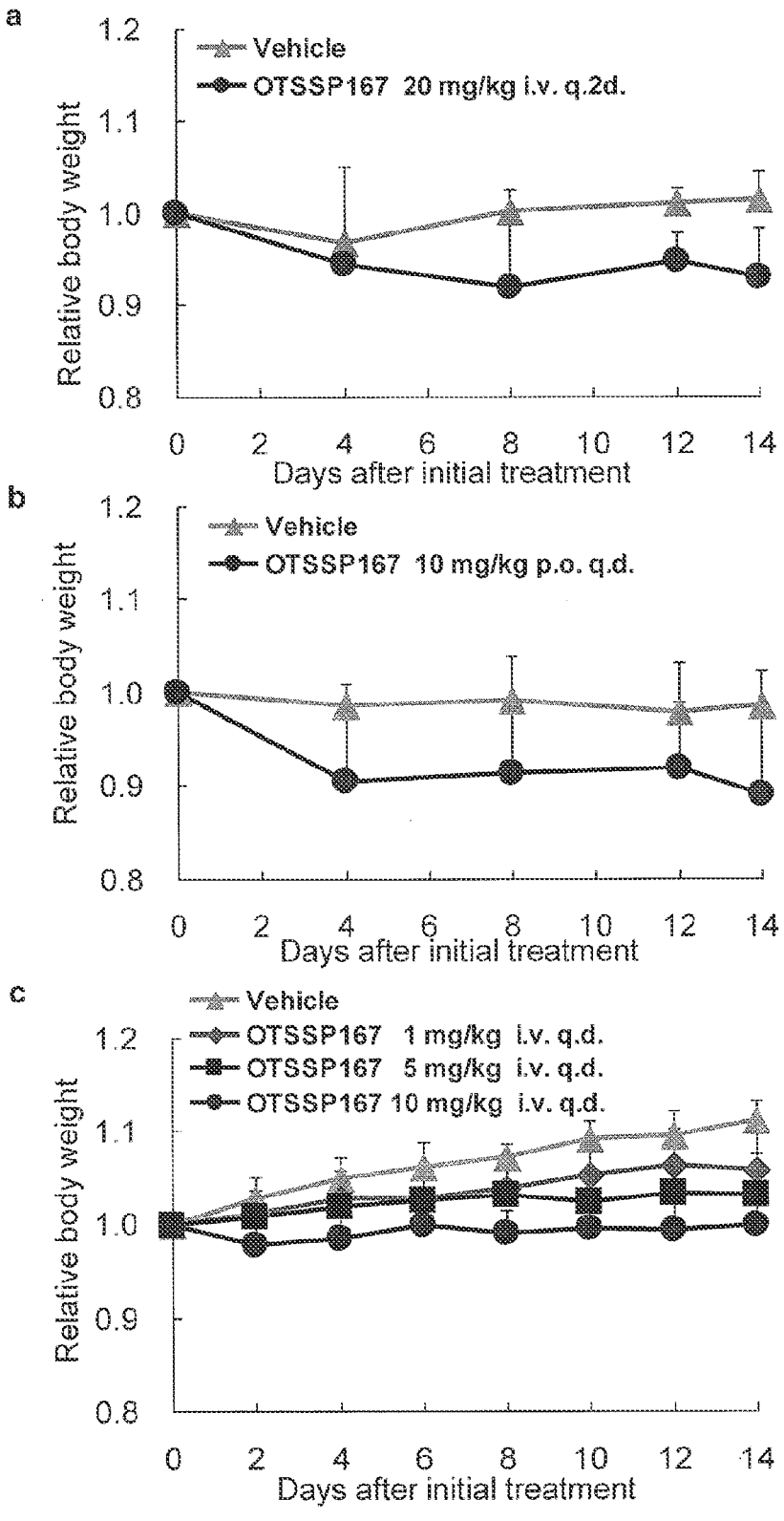
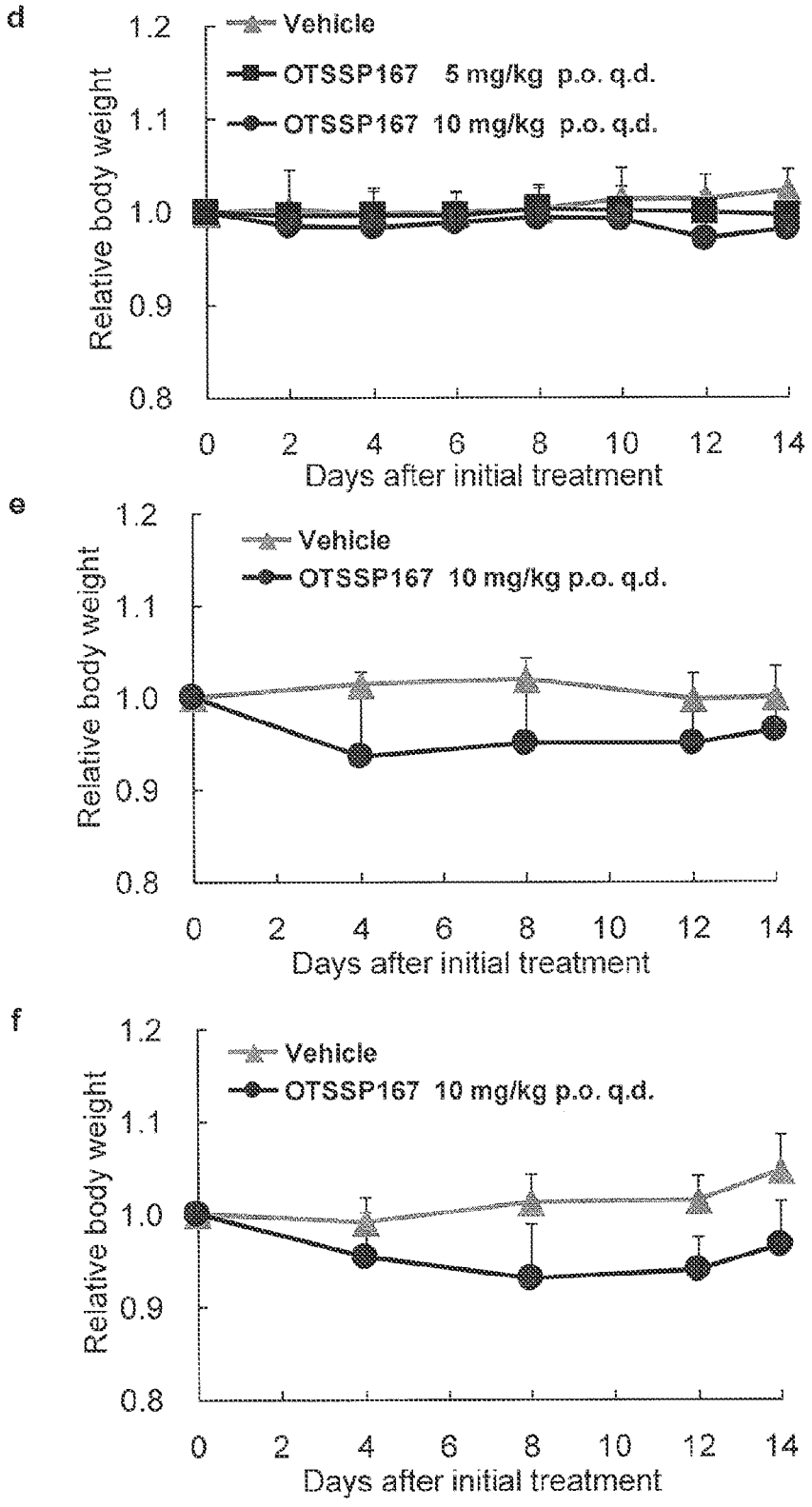

a
Vehicle
OTSSP167 20 mg/kg i.v. q.2d.
Relative body weight
1.2
1.1
1.0
0.9
0.8
0 2 4 6 8 10 12 14
Days after initial treatment
b
Vehicle
OTSSP167 10 mg/kg p.o. q.d.
Relative body weight
1.2
1.1
1.0
0.9
0.8
0 2 4 6 8 10 12 14
Days after initial treatment
c
Vehicle
OTSSP167 1 mg/kg i.v. q.d.
OTSSP167 5 mg/kg i.v. q.d.
OTSSP167 10 mg/kg i.v. q.d.
Relative body weight
1.2
1.1
1.0
0.9
0.8
0 2 4 6 8 10 12 14
Days after initial treatment

Figure 3-2


d
Vehicle
OTSSP167 5 mg/kg p.o. q.d.
OTSSP167 10 mg/kg p.o. q.d.
Relative body weight
1.2
1.1
1.0
0.9
0.8
0 2 4 6 8 10 12 14
Days after initial treatment
e
Vehicle
OTSSP167 10 mg/kg p.o. q.d.
Relative body weight
1.2
1.1
1.0
0.9
0.8
0 2 4 6 8 10 12 14
Days after initial treatment
f
Vehicle
OTSSP167 10 mg/kg p.o. q.d.
Relative body weight
1.2
1.1
1.0
0.9
0.8
0 2 4 6 8 10 12 14
Days after initial treatment