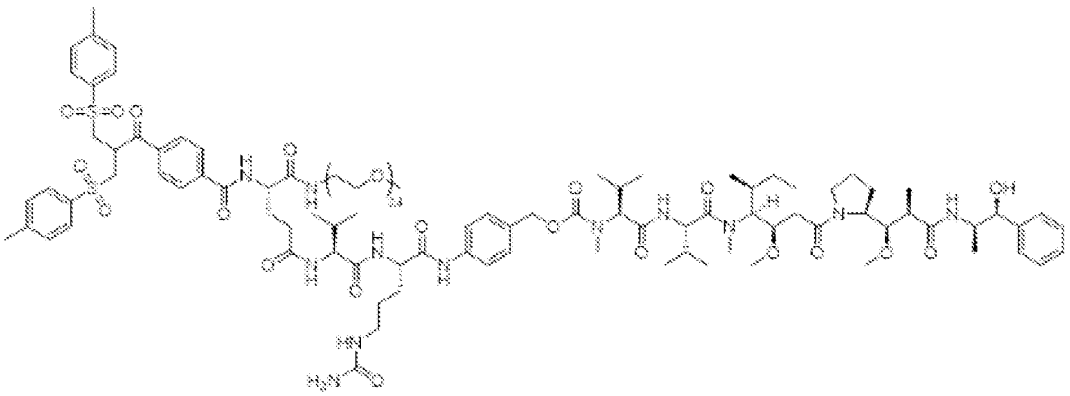


TBR-Glu-(Val-Cit-PAB-MMAE)-amino-PEG_{24}-Me

FIG. 1

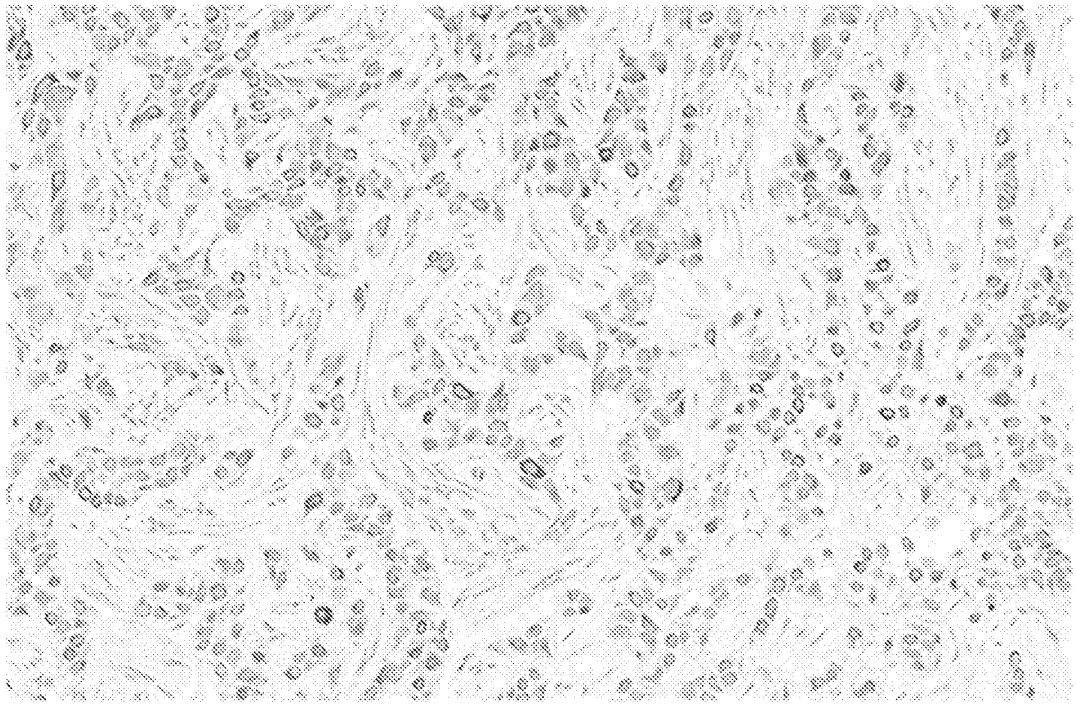


FIG. 2

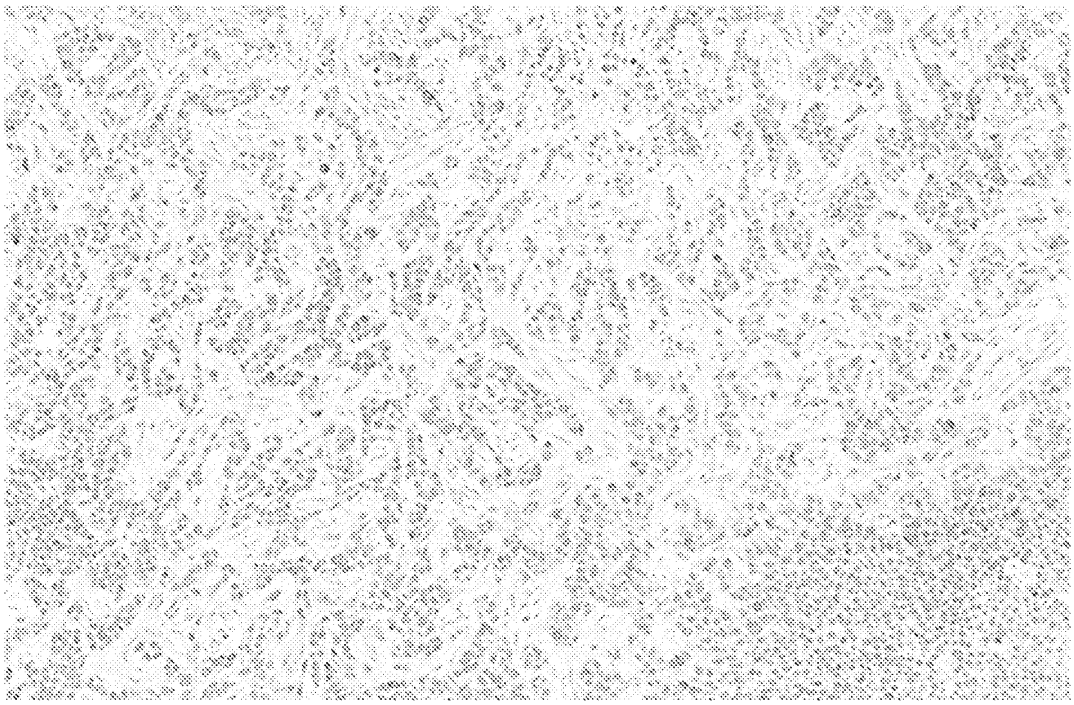


FIG. 3

PDX ID	Cytoplasm	Membrane
TM01141 Head and neck cancer	1+ : 40% cells 2+: 30% cells 3+: 30% cells H-Score: 190	1+ : 10% cells 2+: 10% cells 3+: 30% cells H-Score: 120

FIG. 4

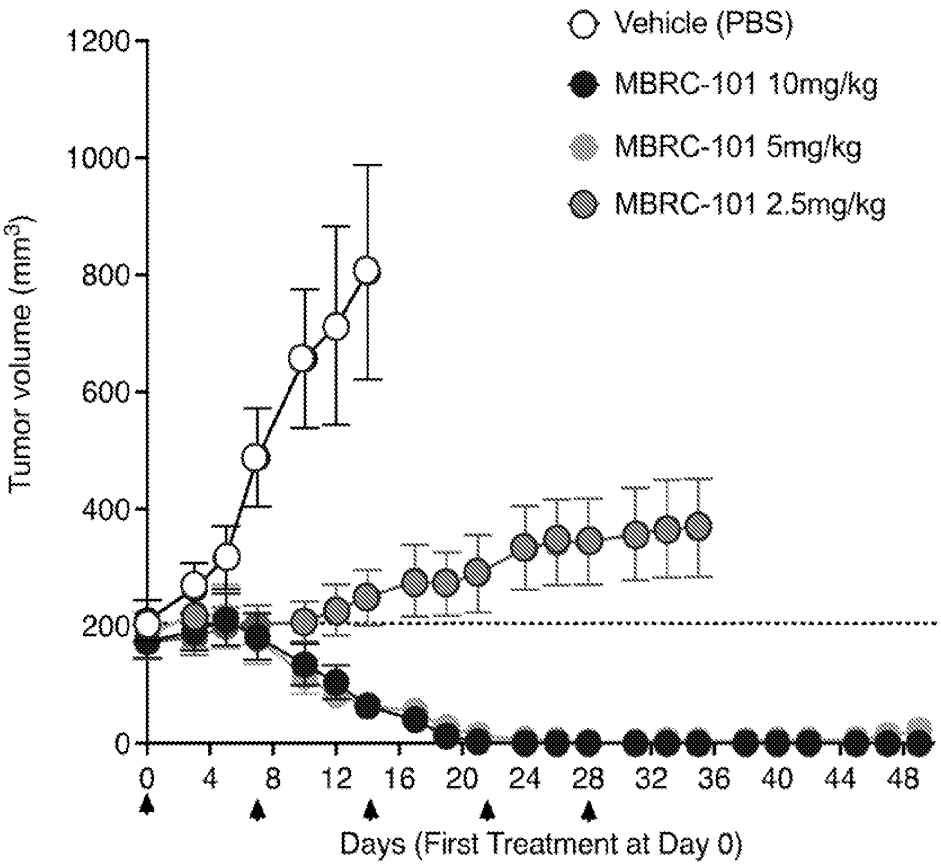

Vehicle (PBS)
MBRC-101 10mg/kg
MBRC-101 5mg/kg
MBRC-101 2.5mg/kg
Tumor volume (mm3)
1200
1000
800
600
400
200
0
0 4 8 12 16 20 24 28 32 36 40 44 48
Days (First Treatment at Day 0)

FIG. 5

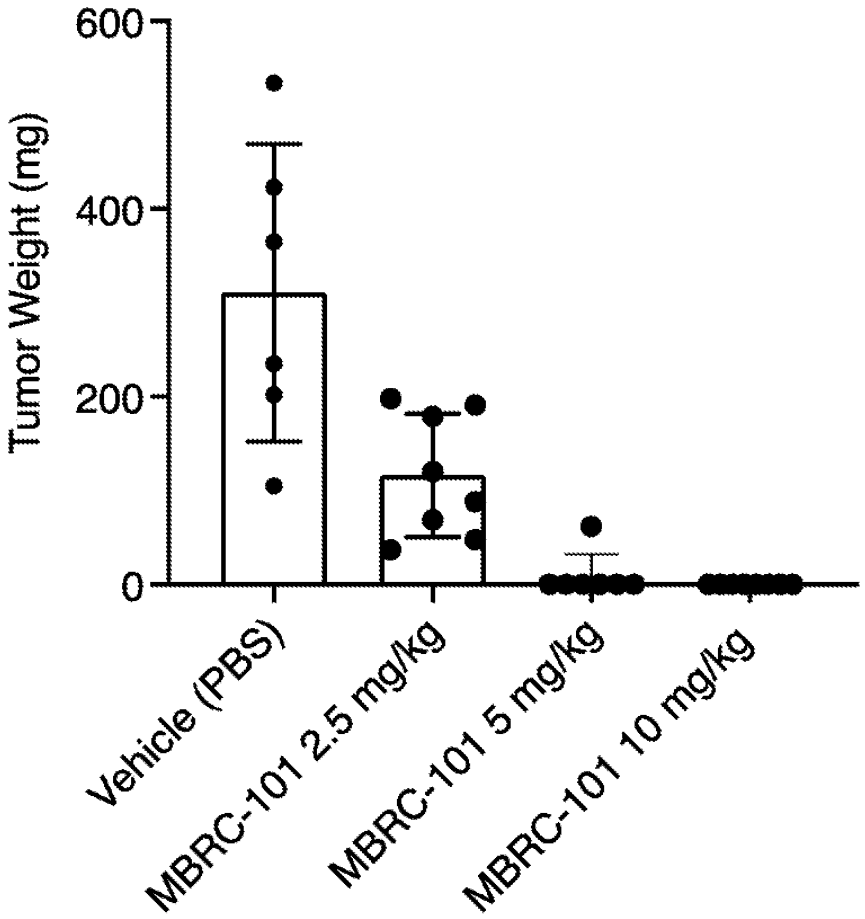
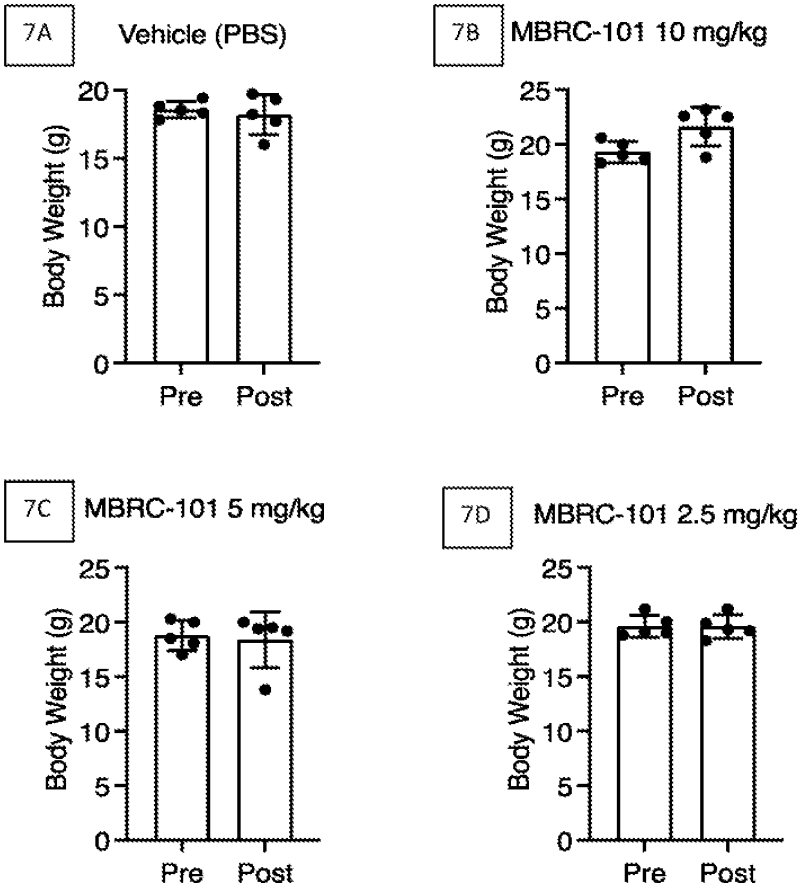

600
400
200
0
Tumor Weight (mg)
Vehicle (PBS)
MBRC-101 2.5 mg/kg
MBRC-101 5 mg/kg
MBRC-101 10 mg/kg

FIG. 6


7A
Vehicle (PBS)
Body Weight (g)
0
5
10
15
20
Pre
Post
7B
MBRC-101 10 mg/kg
Body Weight (g)
0
5
10
15
20
25
Pre
Post
7C
MBRC-101 5 mg/kg
Body Weight (g)
0
5
10
15
20
25
Pre
Post
7D
MBRC-101 2.5 mg/kg
Body Weight (g)
0
5
10
15
20
25
Pre
Post

FIGs. 7A-7D

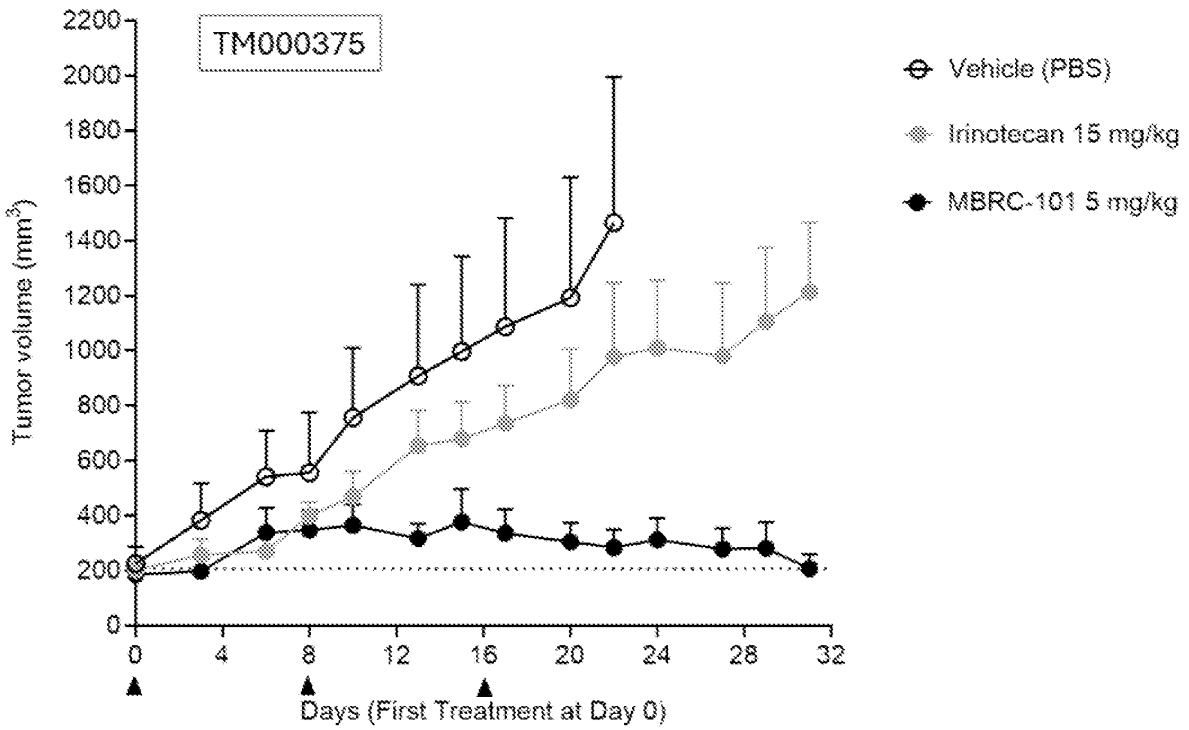

TM000375
Tumor volume (mm3)
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
4
8
12
16
20
24
28
32
Days (First Treatment at Day 0)
Vehicle (PBS)
Irinotecan 15 mg/kg
MBRC-101 5 mg/kg

FIG. 8

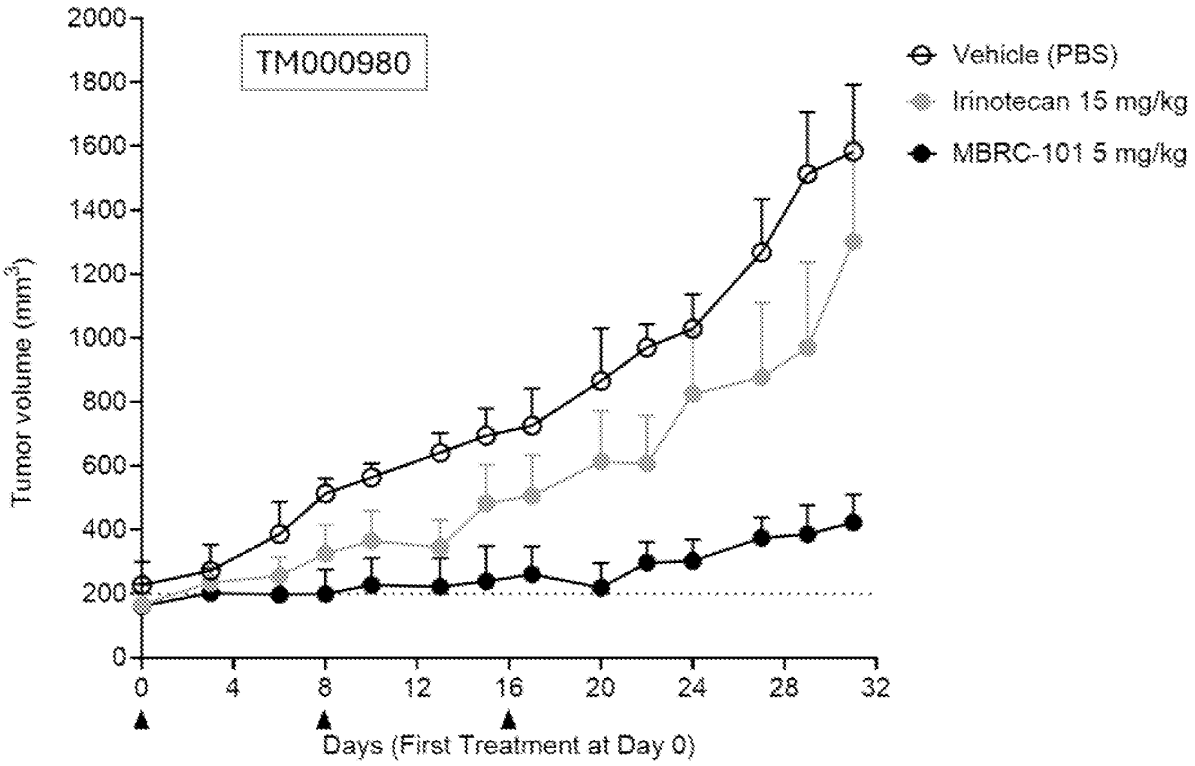

TM000980
Vehicle (PBS)
Irinotecan 15 mg/kg
MBRC-101 5 mg/kg
Tumor volume (mm3)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
4
8
12
16
20
24
28
32
Days (First Treatment at Day 0)

FIG. 9

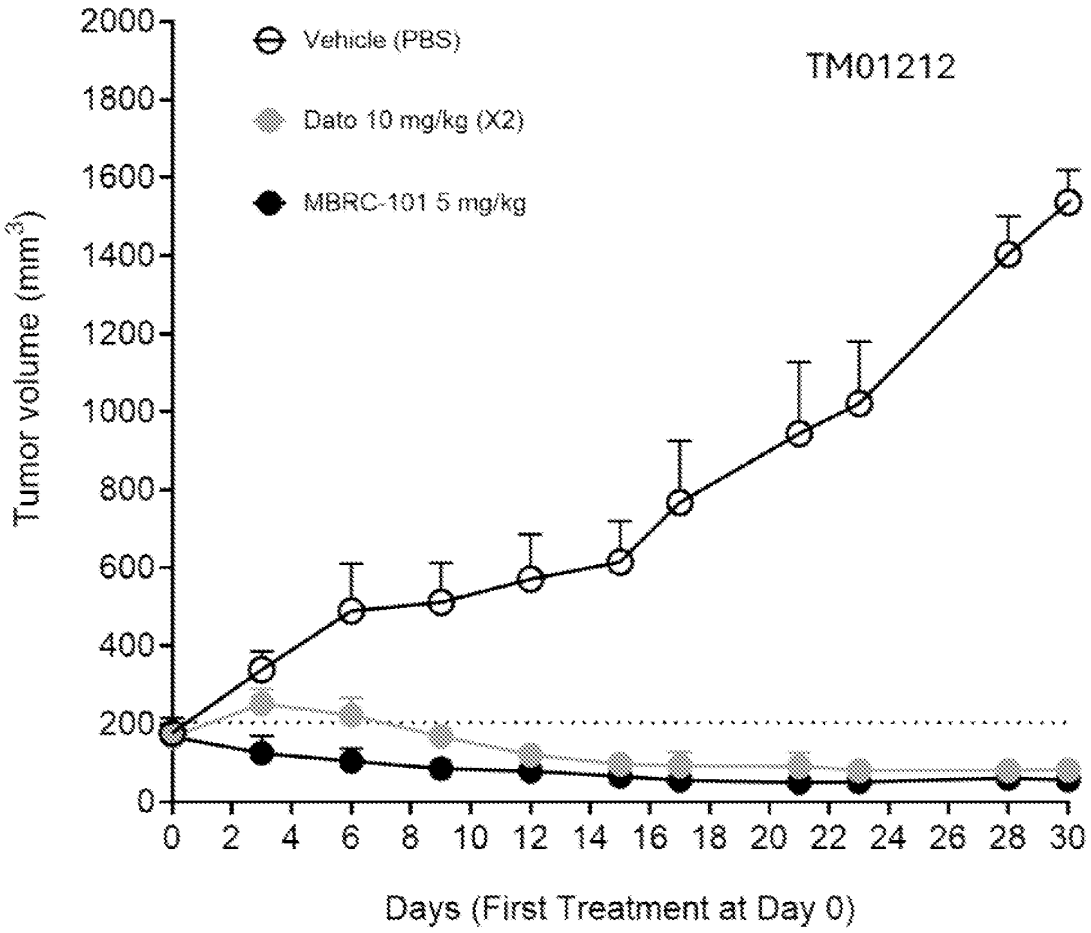

TM01212
Vehicle (PBS)
Dato 10 mg/kg (X2)
MBRC-101 5 mg/kg
Tumor volume (mm3)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30
Days (First Treatment at Day 0)

FIG.10