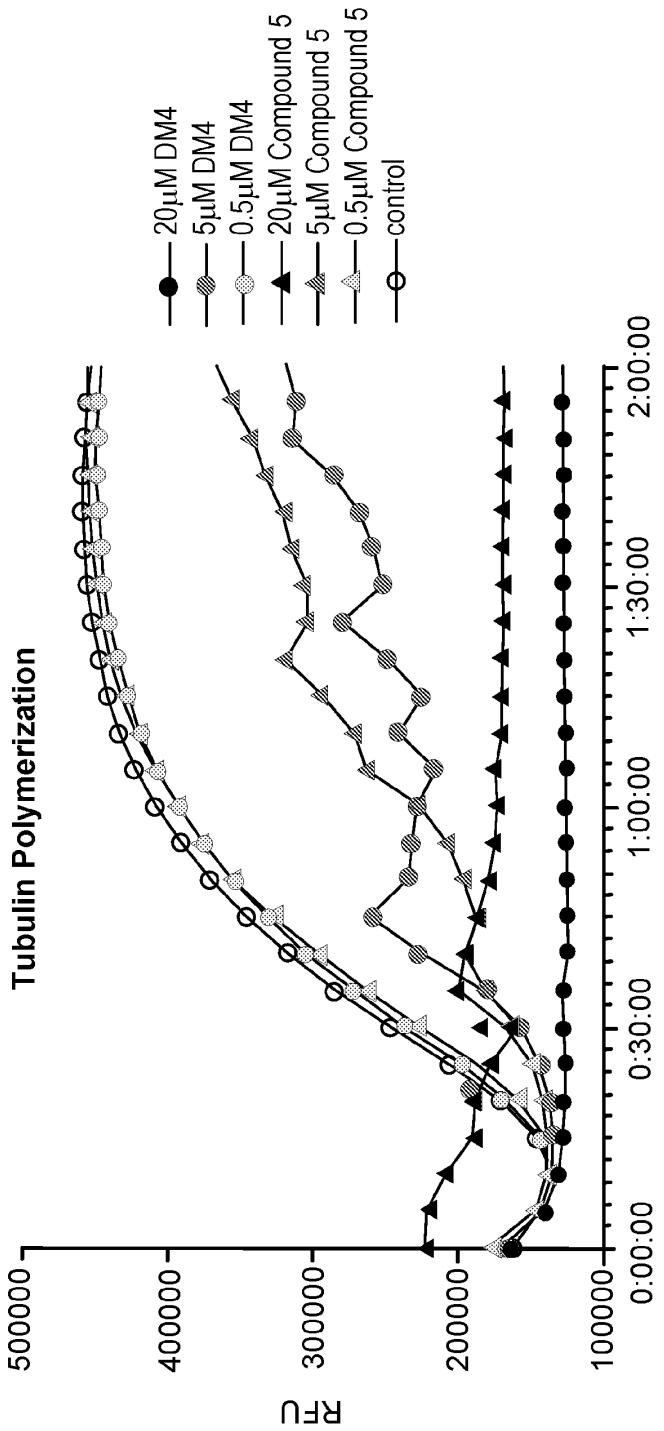

Tubulin Polymerization
20µM DM4
5µM DM4
0.5µM DM4
20µM Compound 5
5µM Compound 5
0.5µM Compound 5
control
RFU
500000
400000
300000
200000
100000
0:00:00
0:30:00
1:00:00
1:30:00
2:00:00
Time (hrs)

FIG. 1

	DM4 Conjugate	
	N=1	N=2
KD (μM)	1.88	1.82
ka (1/M*s)	9.10E+03	9.00E+03
koff (1/s)	1.70E-02	1.60E-02
t(1/2) (sec)	40	43

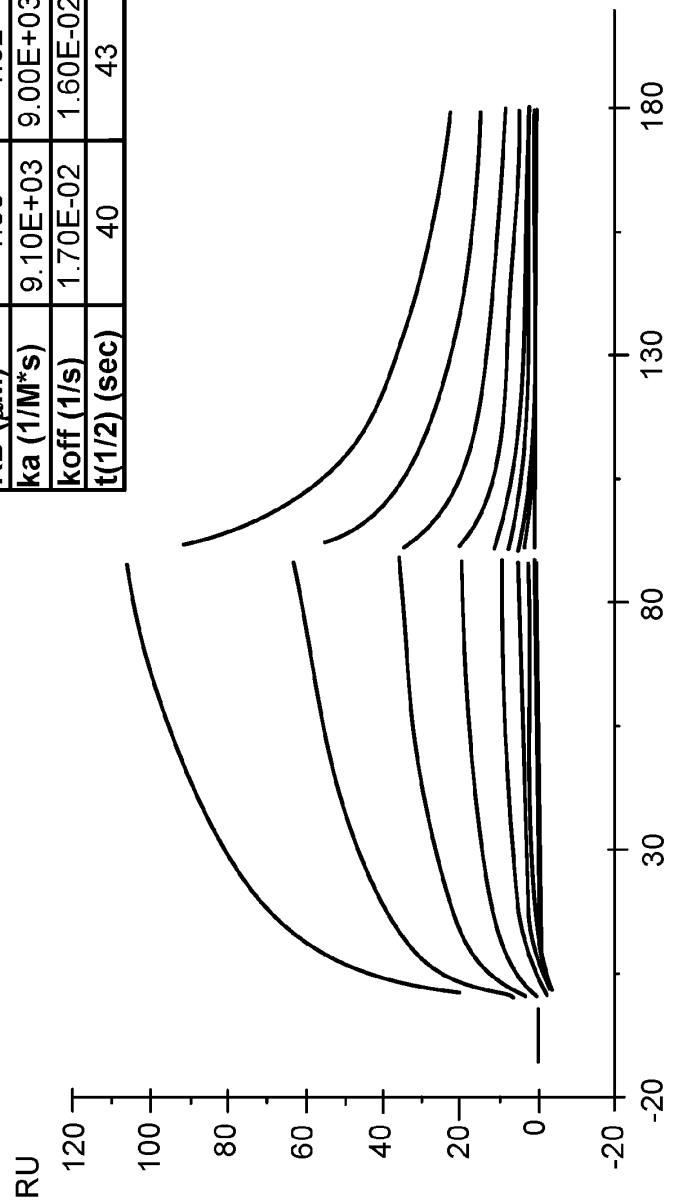


FIG. 2

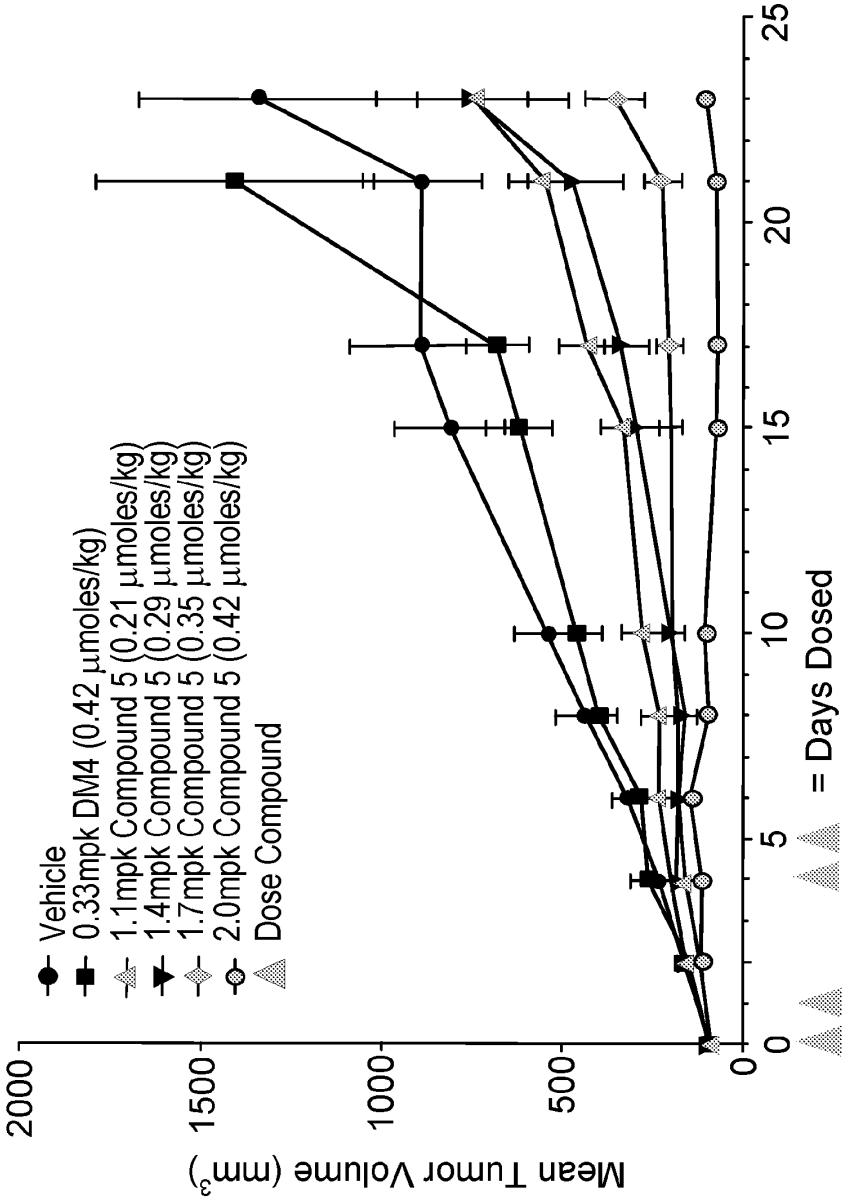

Mean Tumor Volume (mm³)
2000
1500
1000
500
0
0
5
10
15
20
25
= Days Dosed
Vehicle
0.33mpk DM4 (0.42 µmoles/kg)
1.1mpk Compound 5 (0.21 µmoles/kg)
1.4mpk Compound 5 (0.29 µmoles/kg)
1.7mpk Compound 5 (0.35 µmoles/kg)
2.0mpk Compound 5 (0.42 µmoles/kg)
Dose Compound

FIG. 3A

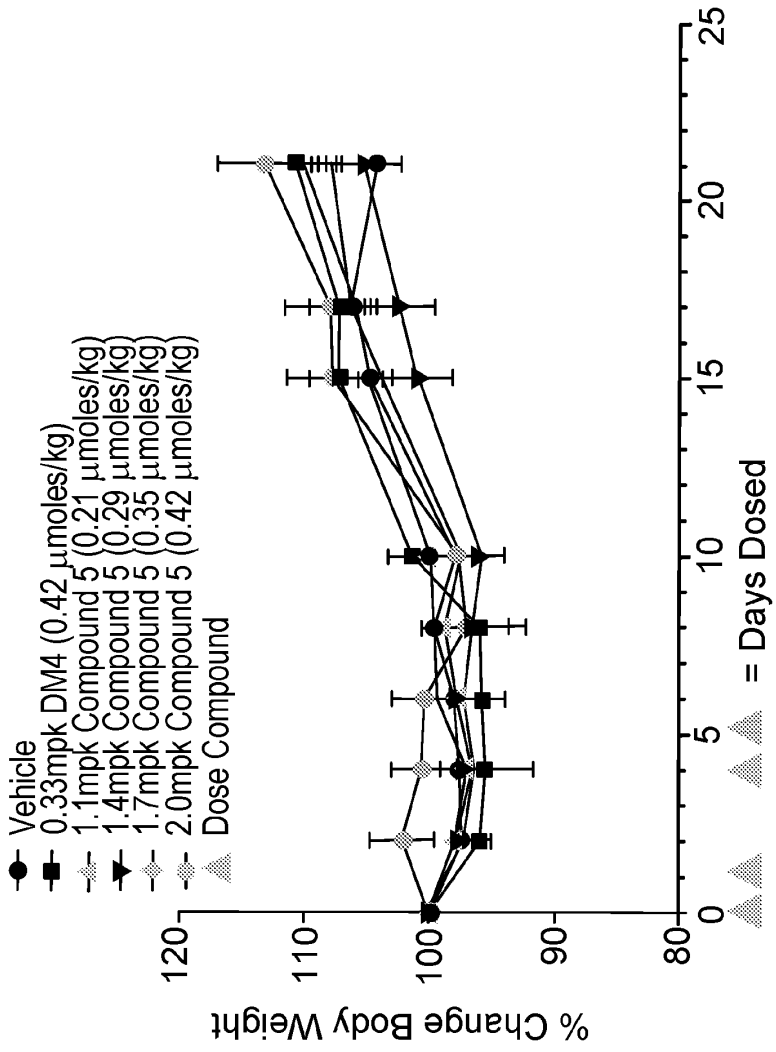

Vehicle
0.33mpk DM4 (0.42 µmoles/kg)
1.1mpk Compound 5 (0.21 µmoles/kg)
1.4mpk Compound 5 (0.29 µmoles/kg)
1.7mpk Compound 5 (0.35 µmoles/kg)
2.0mpk Compound 5 (0.42 µmoles/kg)
Dose Compound
% Change Body Weight
120
110
100
90
80
0
5
10
15
20
25
= Days Dosed

FIG. 3B

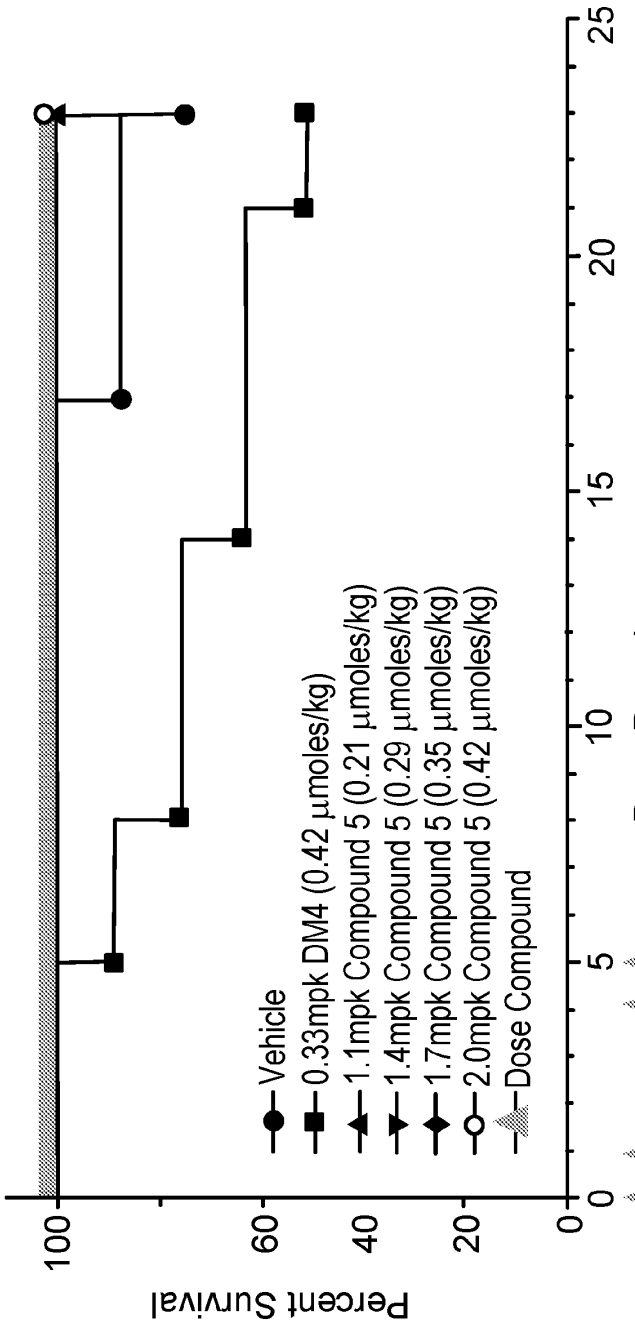

Percent Survival
100
60
40
20
0
0
5
10
15
20
25
= Days Dosed
Vehicle
0.33mpk DM4 (0.42 µmoles/kg)
1.1mpk Compound 5 (0.21 µmoles/kg)
1.4mpk Compound 5 (0.29 µmoles/kg)
1.7mpk Compound 5 (0.35 µmoles/kg)
2.0mpk Compound 5 (0.42 µmoles/kg)
Dose Compound

FIG. 4

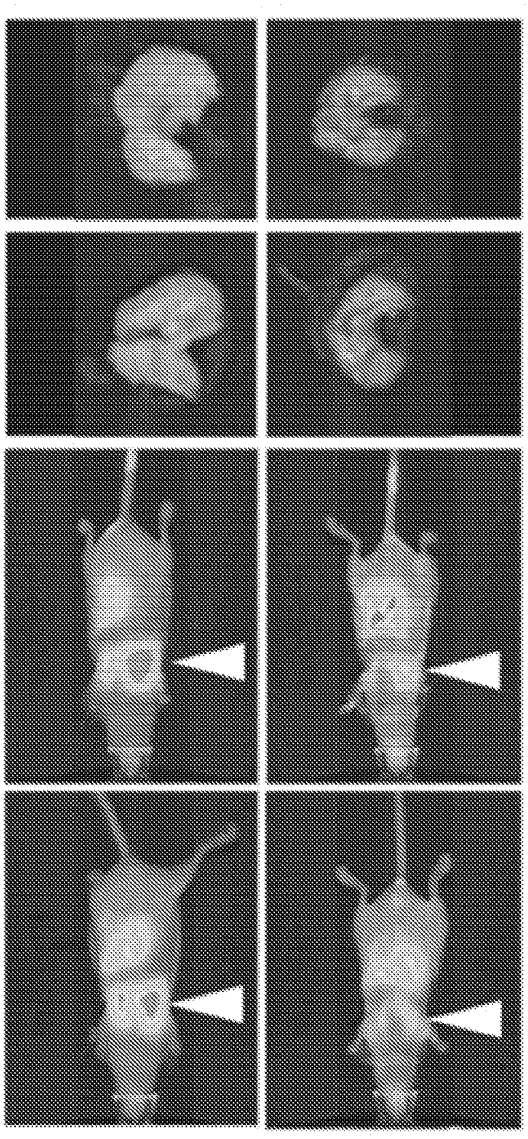


FIG. 5A

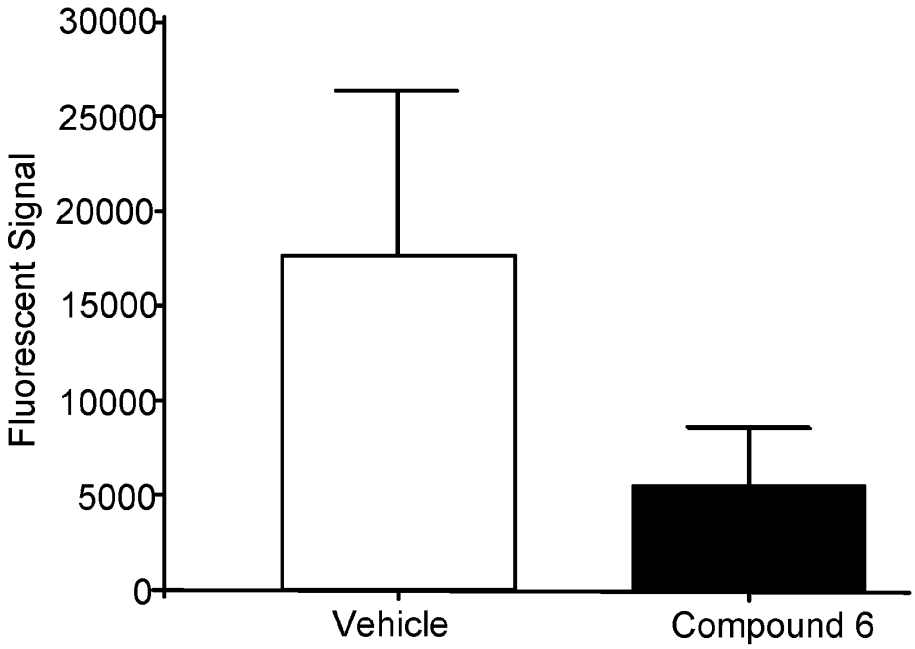

30000
25000
20000
15000
10000
5000
0
Fluorescent Signal
Vehicle
Compound 6

FIG. 5B