

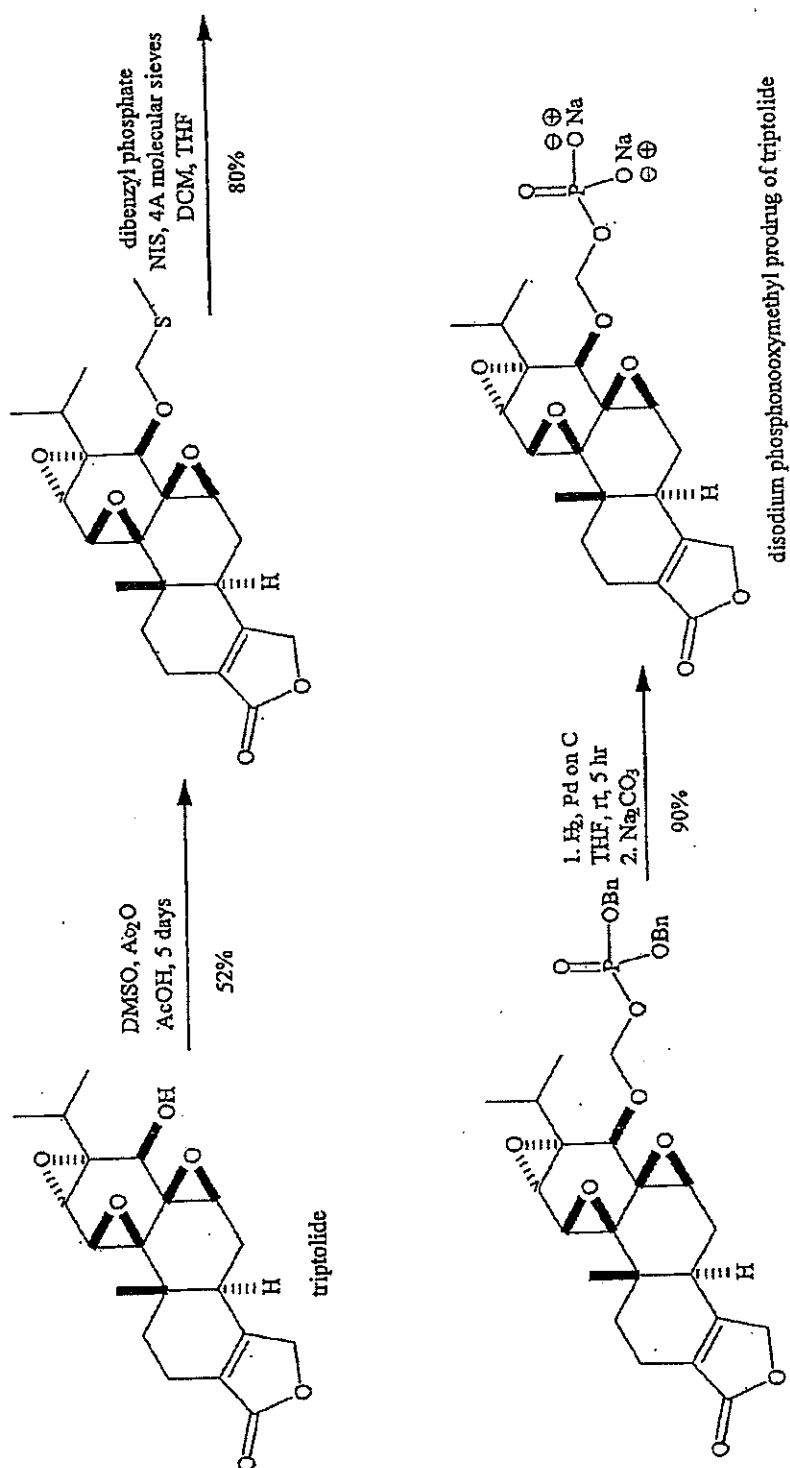
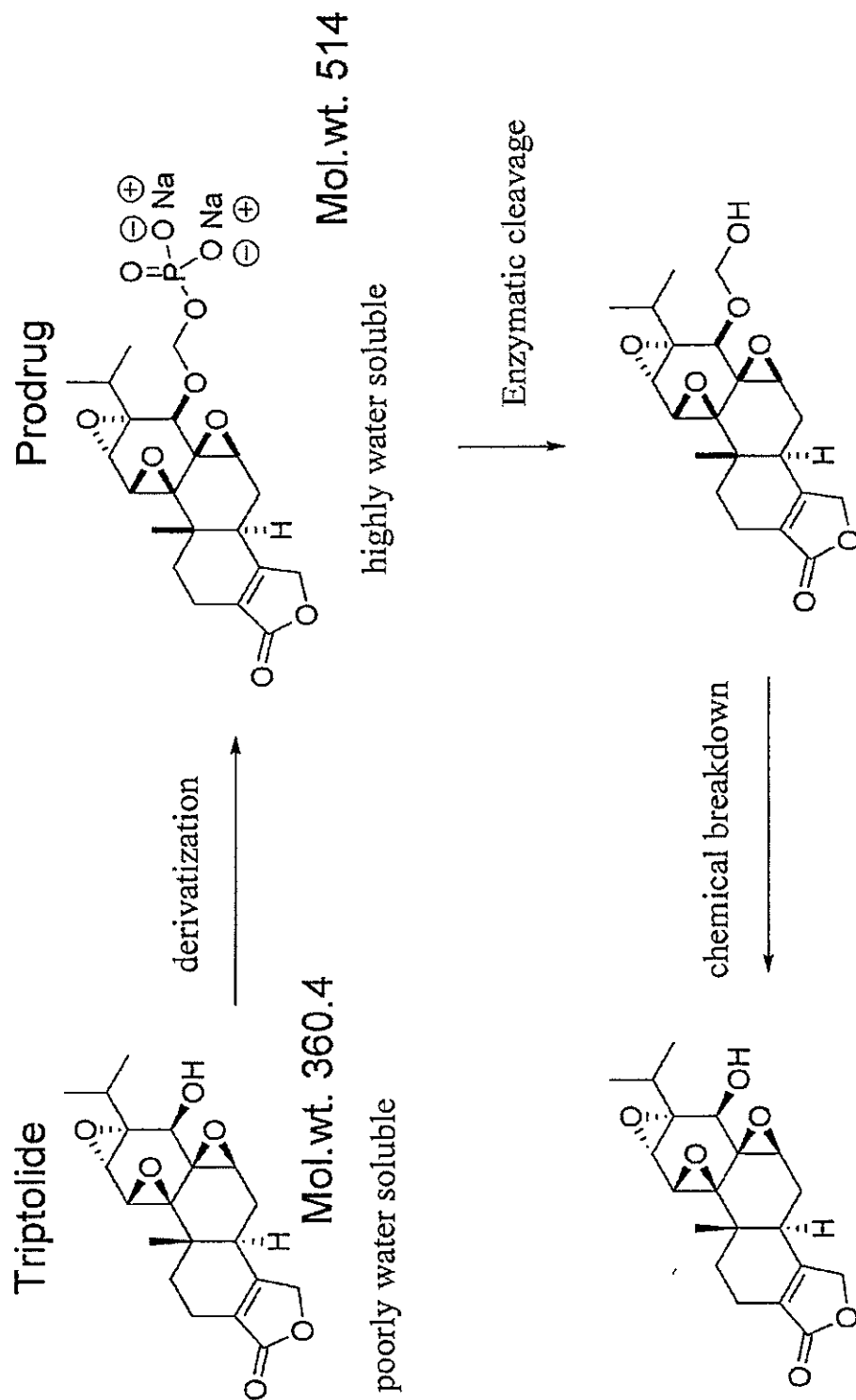


FIG. 1

METABOLISM AND ENZYMATIC CLEAVAGE
OF TRIPTOLIDE PRODRUG (compound 1)



In Vitro Conversion of Triptolide Prodrug (compound 1)
to Triptolide

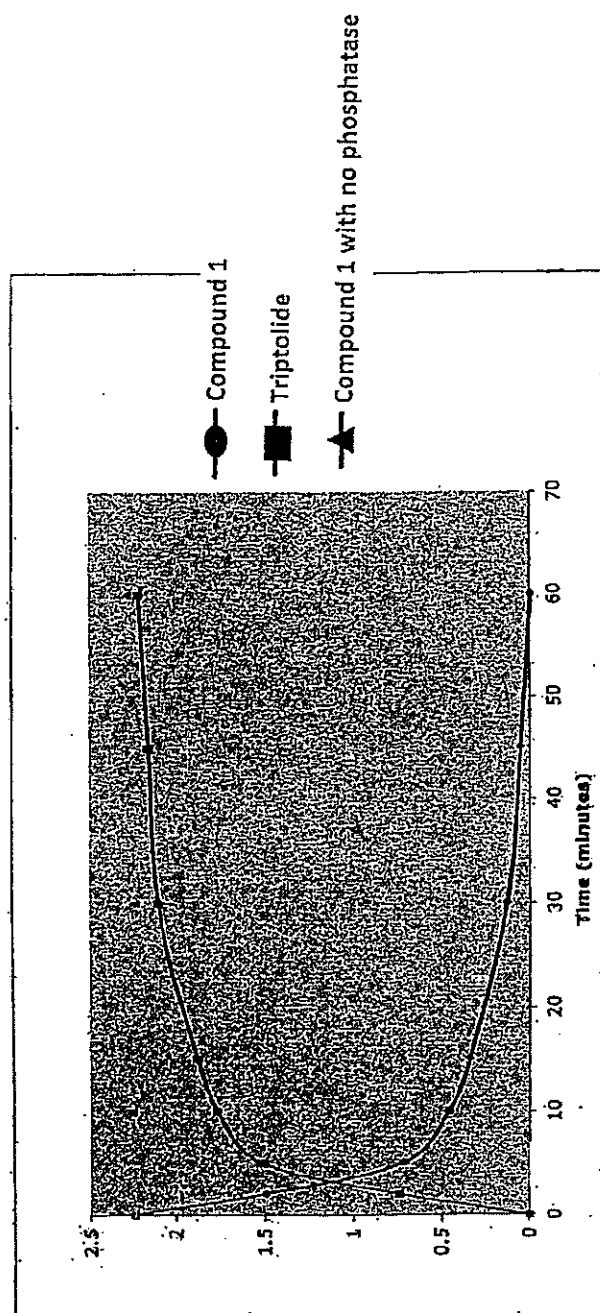
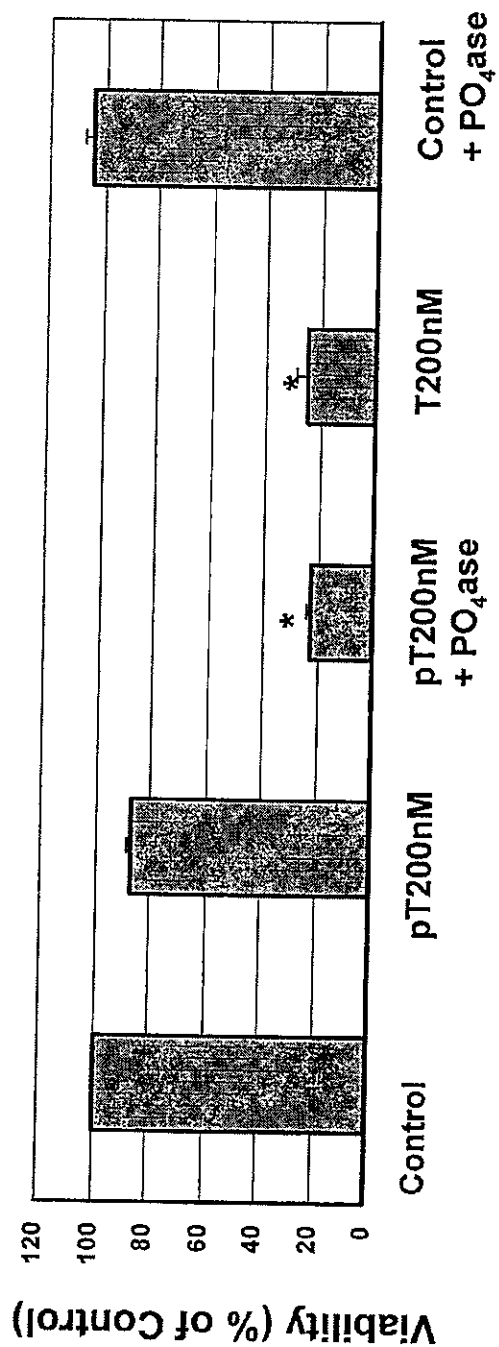


FIG. 3

Effect on viability after 48 hrs of exposure



MiaPaca-2

n=3 run in triplicates

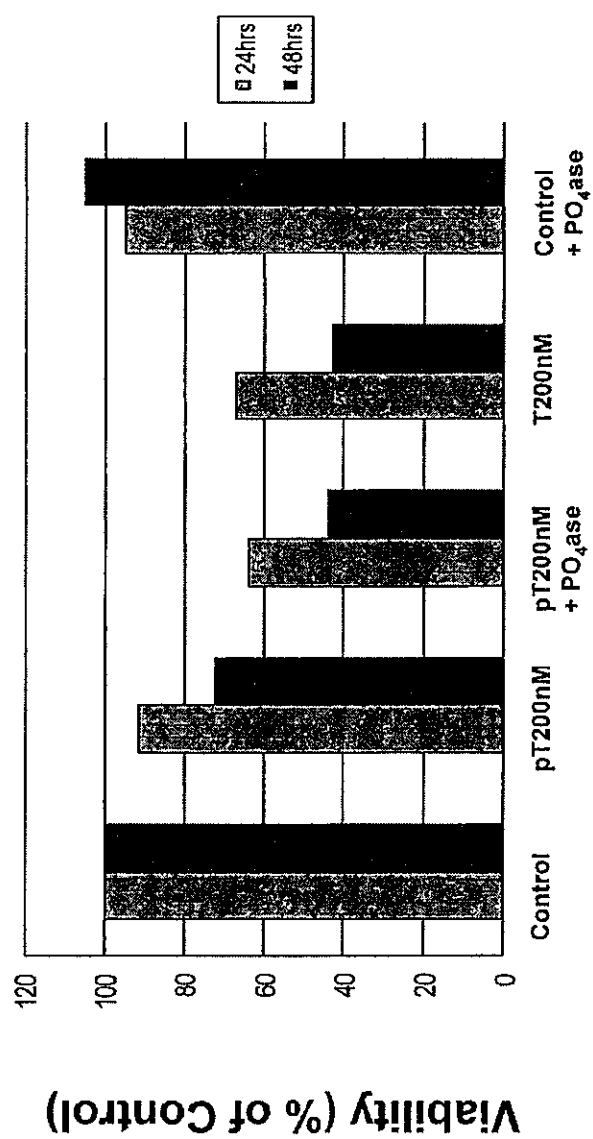
*p<0.05

T=Triptolide

pT=Prodrug (compound 1)

FIG. 4

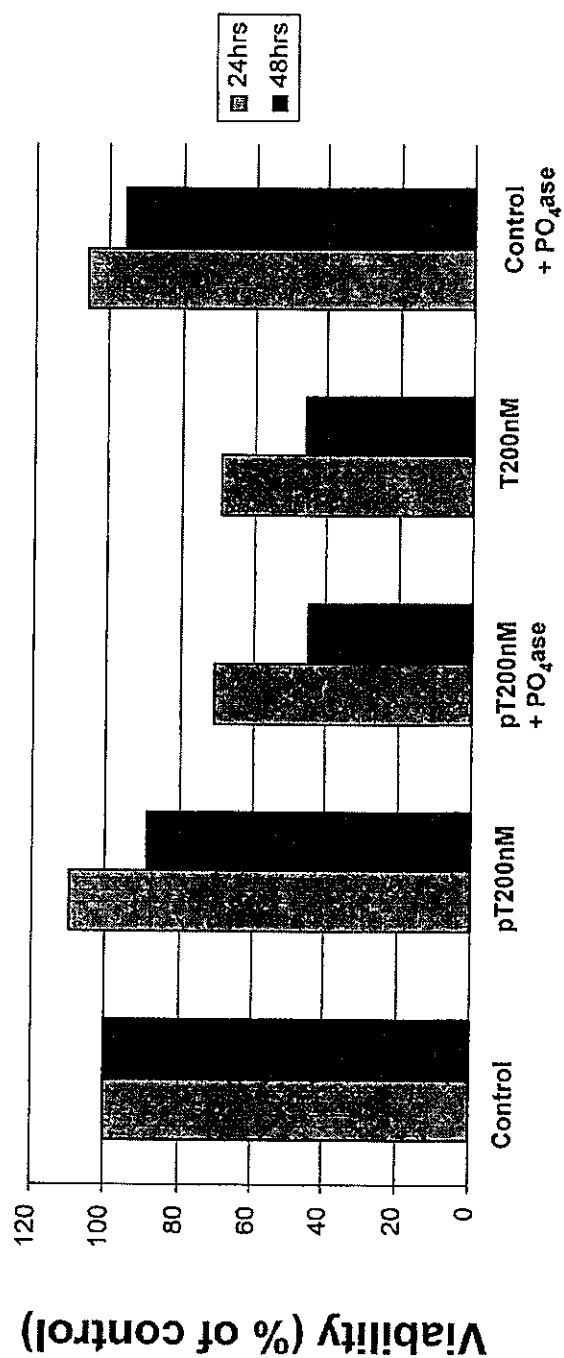
Effect on viability (Panc-1)



T=Triptolide
pT=Prodrug Triptolide (compound 1)

FIG. 5

Effect on viability (S2VP10)



T=Triptolide
pT=Prodrug Triptolide (compound 1)

FIG. 6

Tumors in Control Group



FIG. 7

Tumors in Triptolide Group

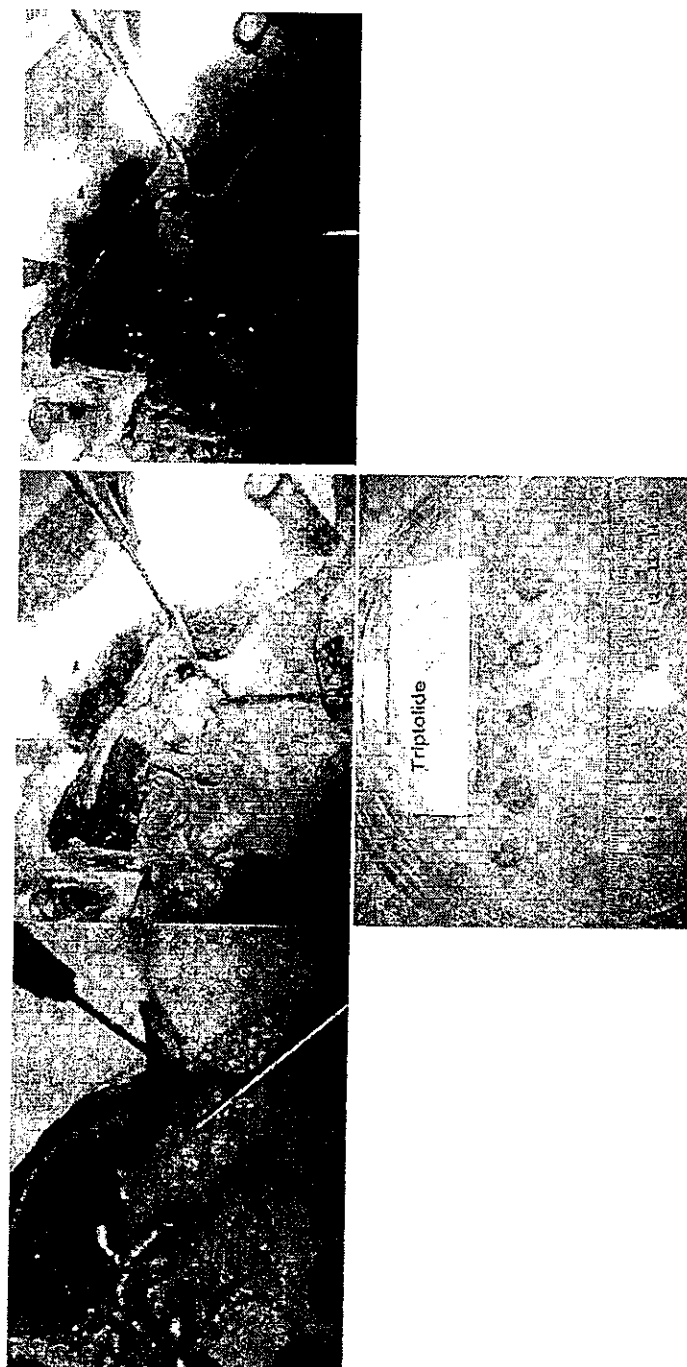


FIG. 8

Tumors in Prodrug Group

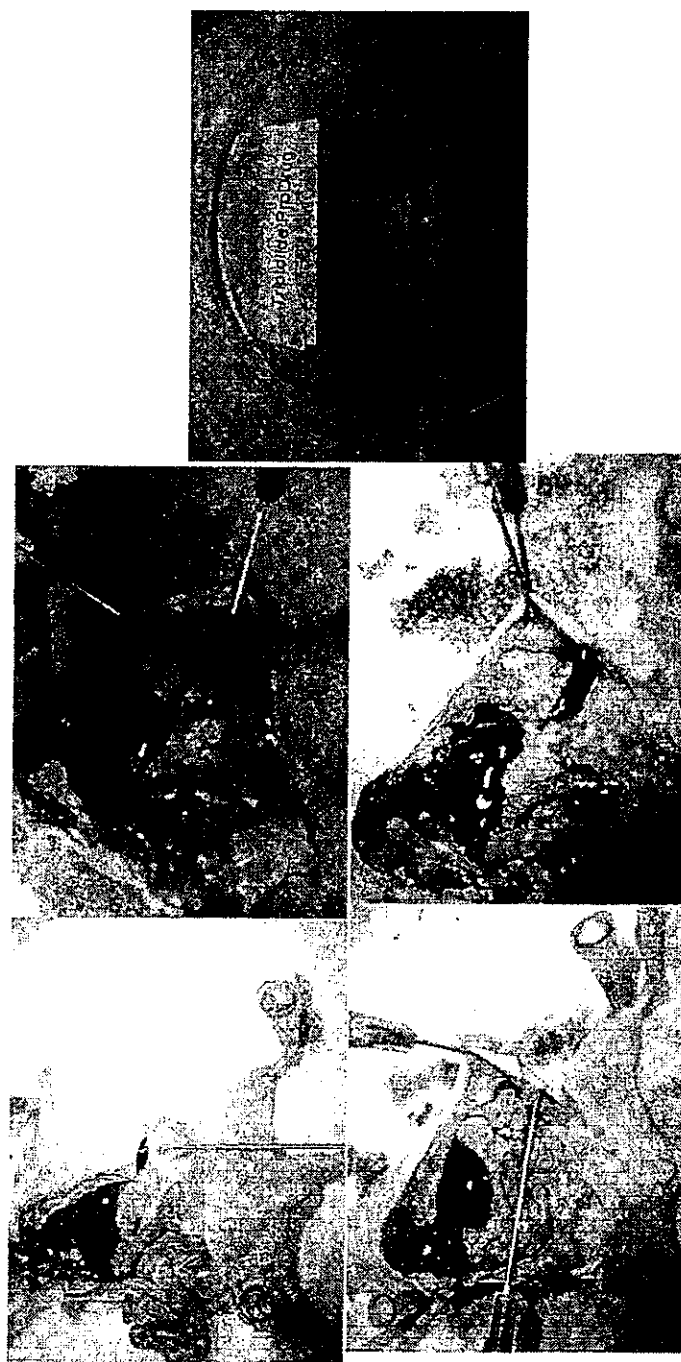


FIG. 9

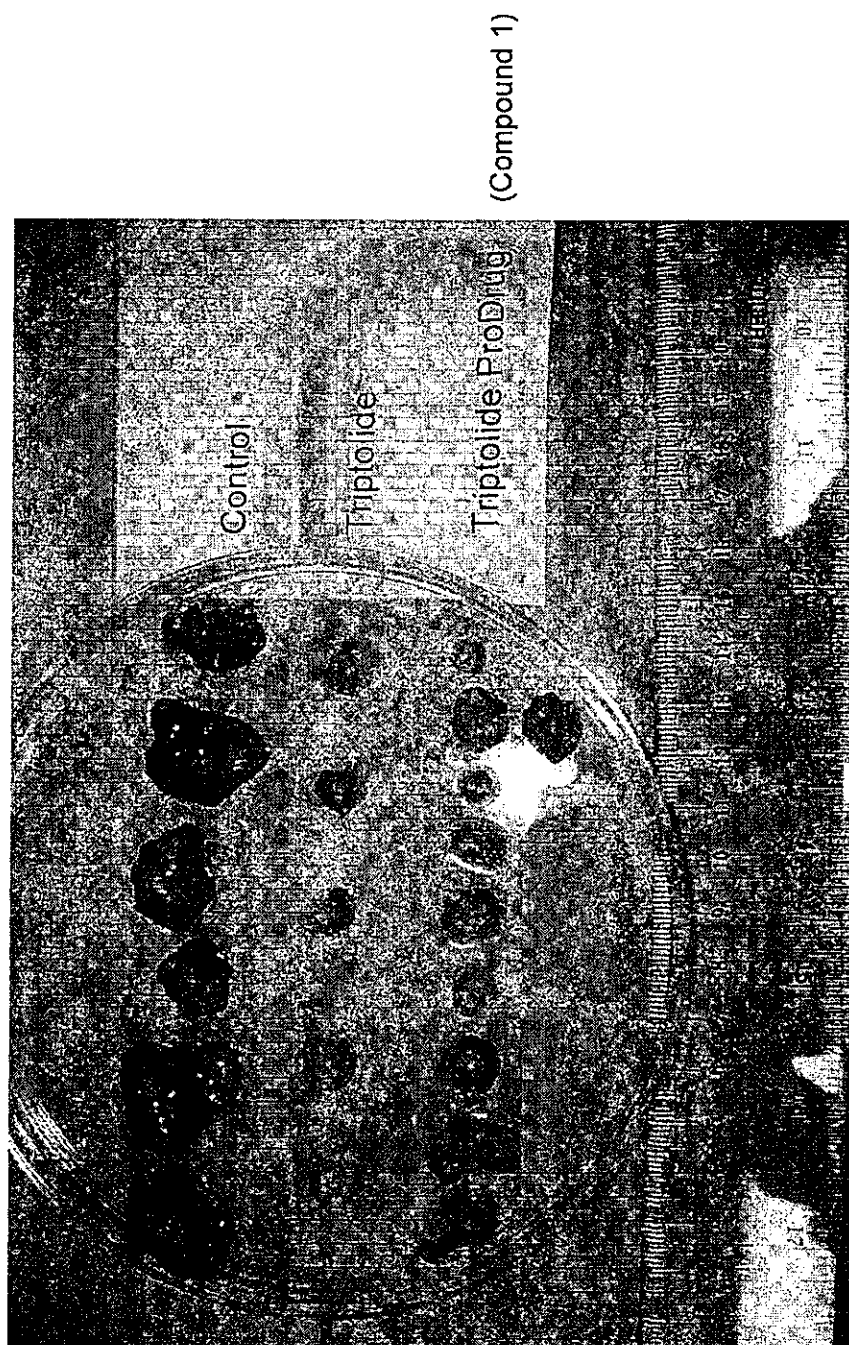


FIG. 10

In Vivo Experiment Comparative Tumor Weight

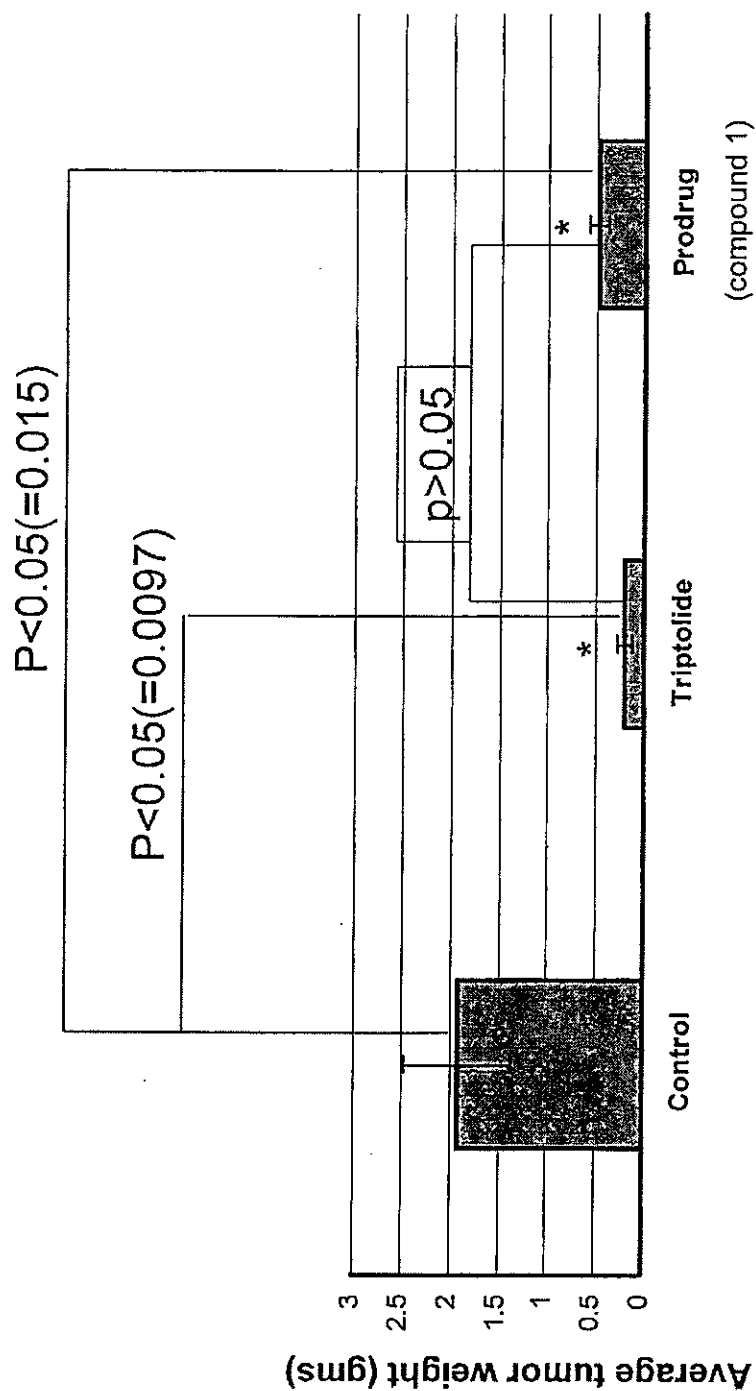


FIG. 11

In Vivo Experiment Comparative Tumor Volume

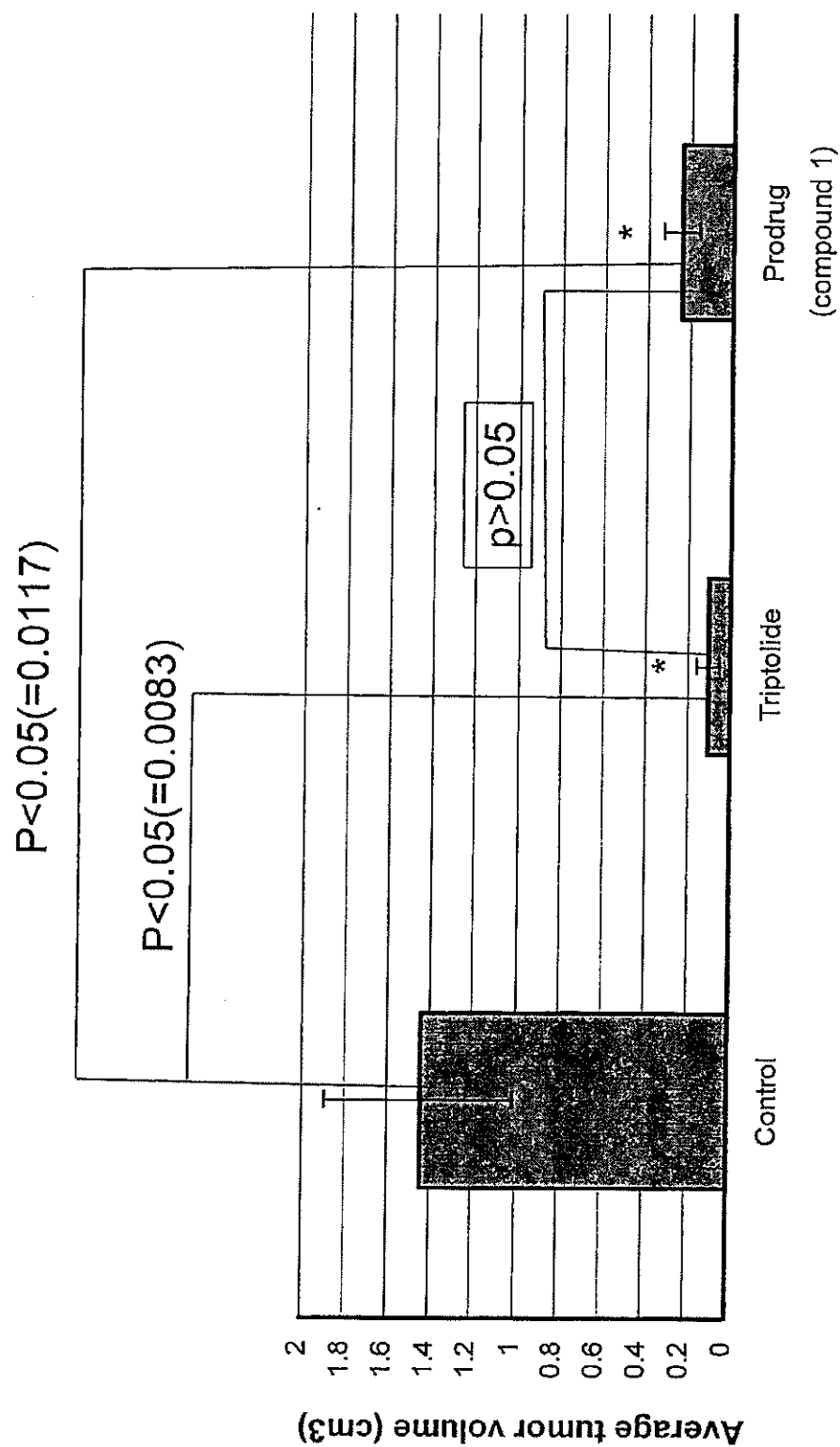
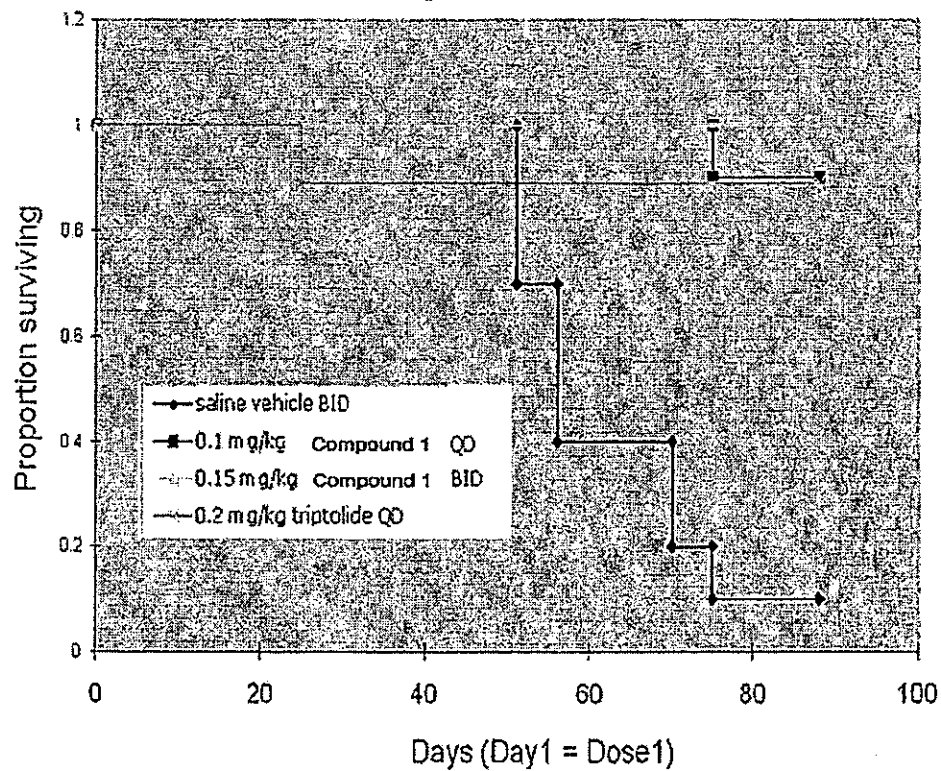
**FIG. 12**

Figure 13. Survival analysis of Compound 1 treated or control mice.



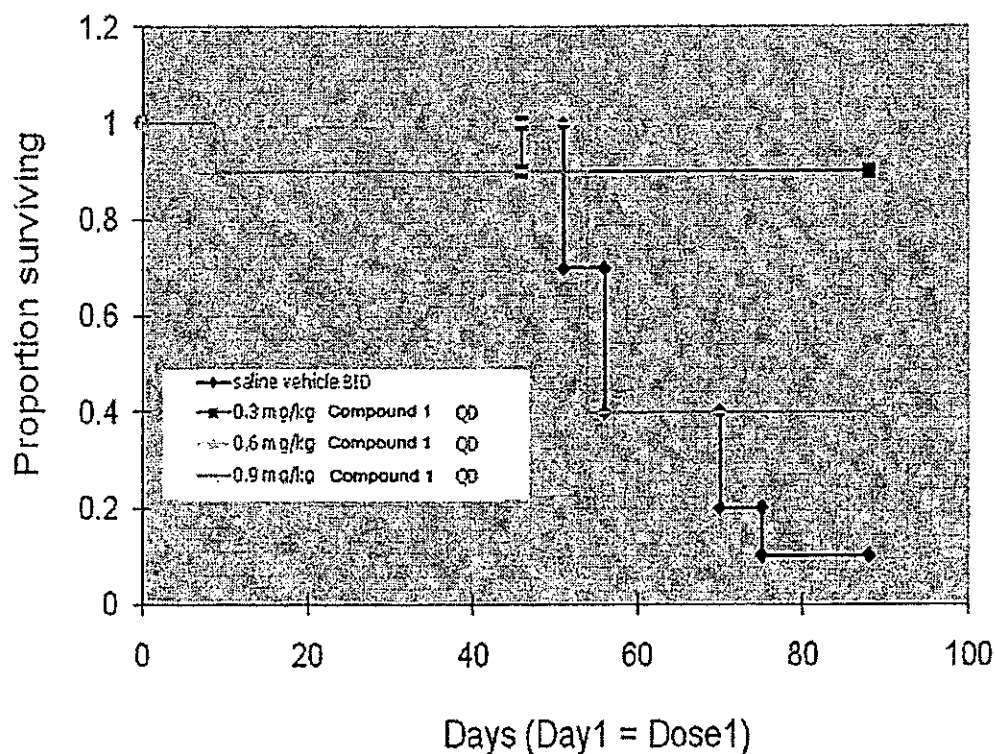
Vehicle BID: All deaths were from tumor burden

0.1mg/kg Compound 1 QD: 1 observed death is from tumor burden

0.15mg/kg Compound 1 BID: no deaths

0.2mg/kg Compound 1 QD: 1 death is from injury, not related to tumor burden or drug effect.

Figure 14. Survival analysis of Compound 1 treated or control mice.



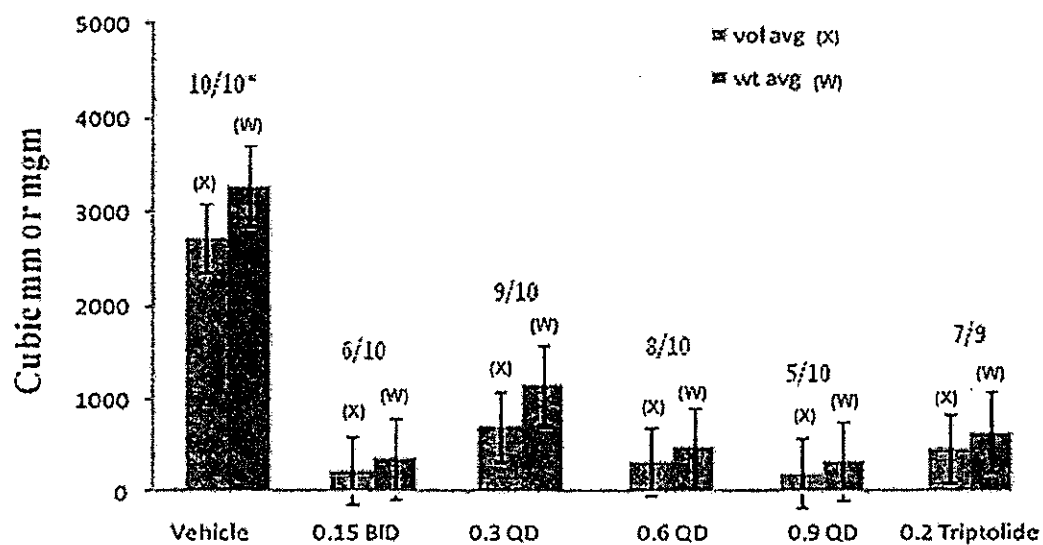
Vehicle BID: All deaths were from tumor burden

0.3mg/kg Compound 1 QD: 1 death is from injury not related to tumor burden

0.6mg/kg Compound 1 QD: no deaths

0.9mg/kg Compound 1 QD: 1 death at injection on study day6, cause undetermined. Remaining deaths are from drug effect.

Figure 15. Tumor burden (volume or weight) analysis of Compound 1 treated or control mice.



* # of mice found with tumors / # of mice in group

Figure 16. Tumor burden (volume or weight) analysis of Compound 1 treated or control mice.

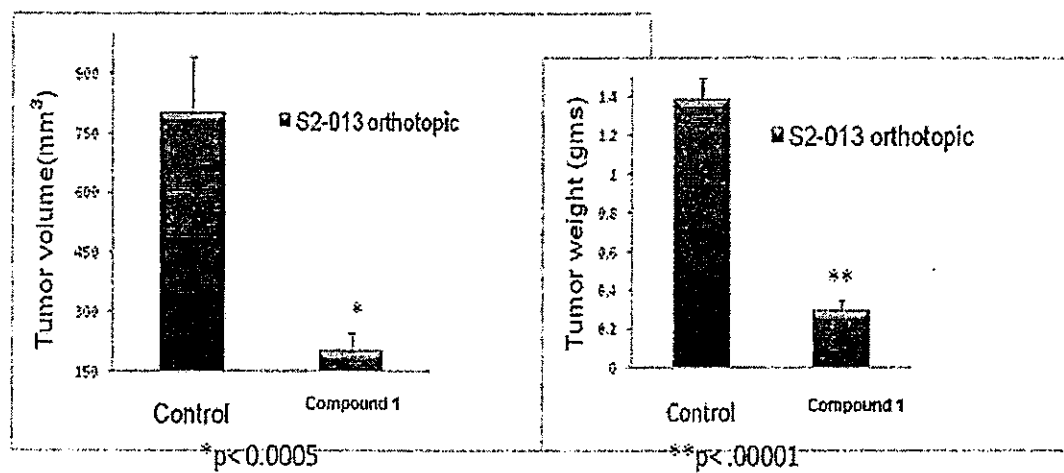


Figure 17. Tumor burden (volume or weight) analysis of Compound 1 treated or control mice.

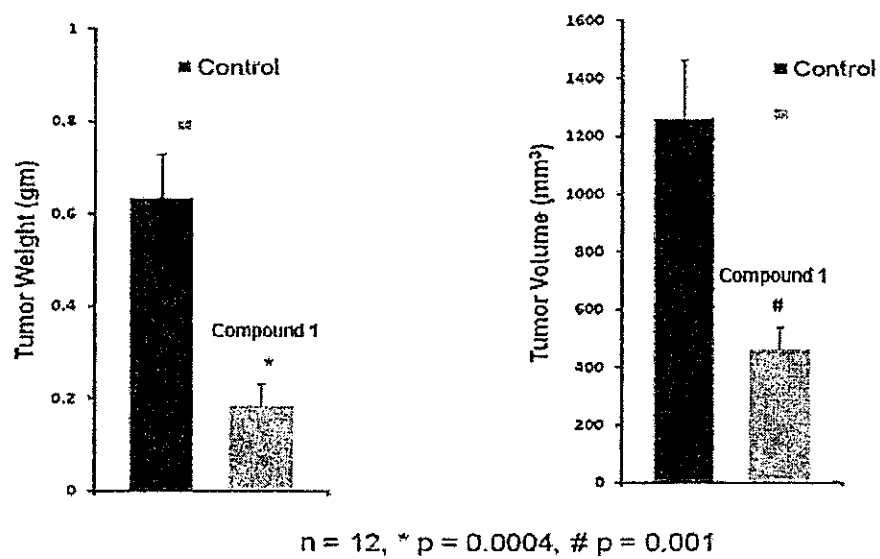


Figure 18. Tumor burden (volume or weight) analysis of Compound 1 treated or control mice.

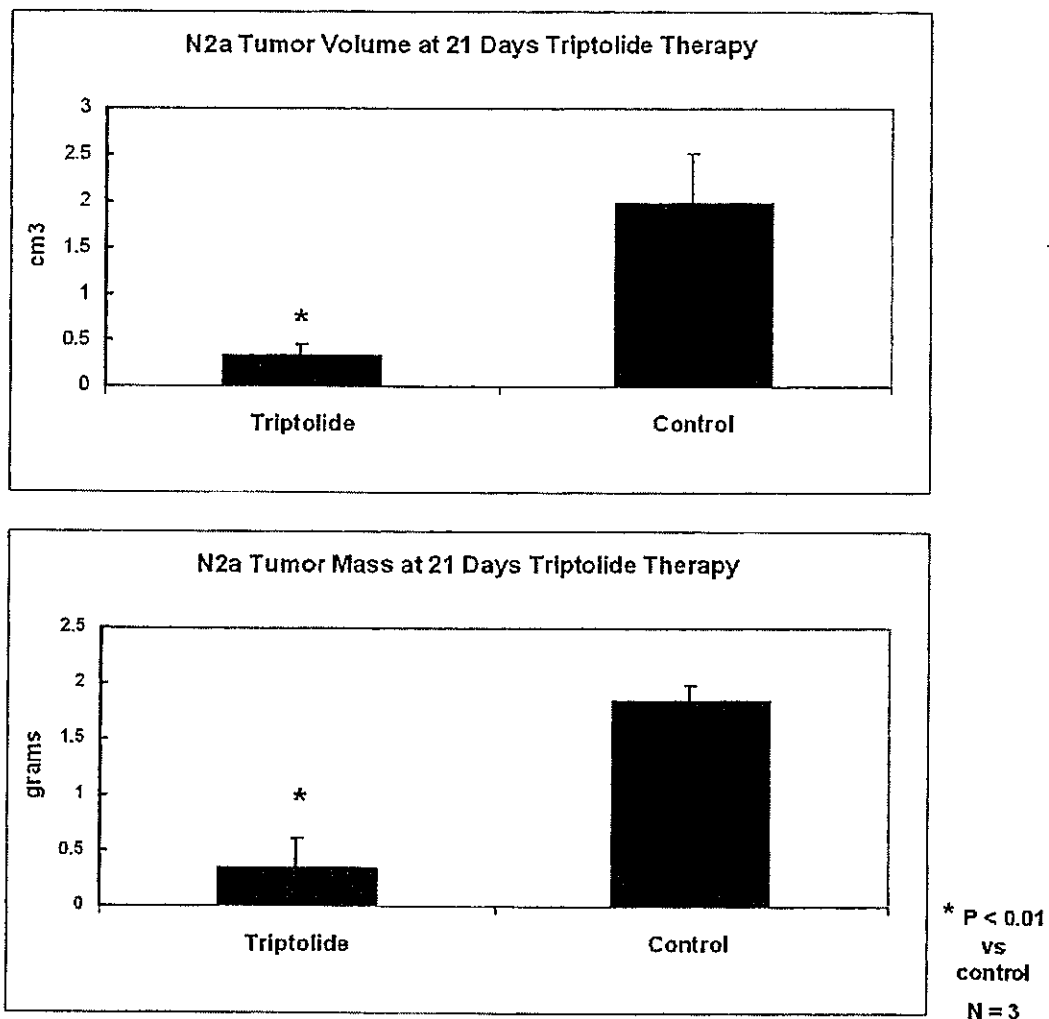


Figure 19 illustrates cell viability (Neuroblastoma N2a and SKNSH) in the presence of triptolide.

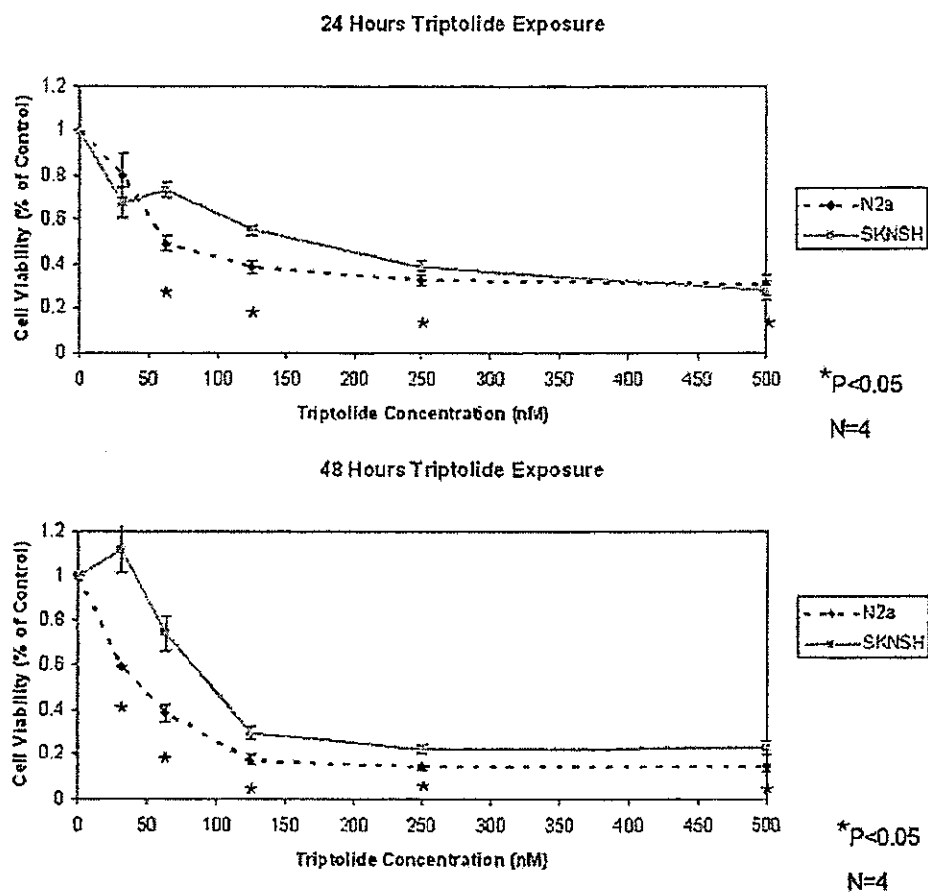


Figure 20 illustrates Caspase 3 activity in the presence of triptolide.

