

Figure 1

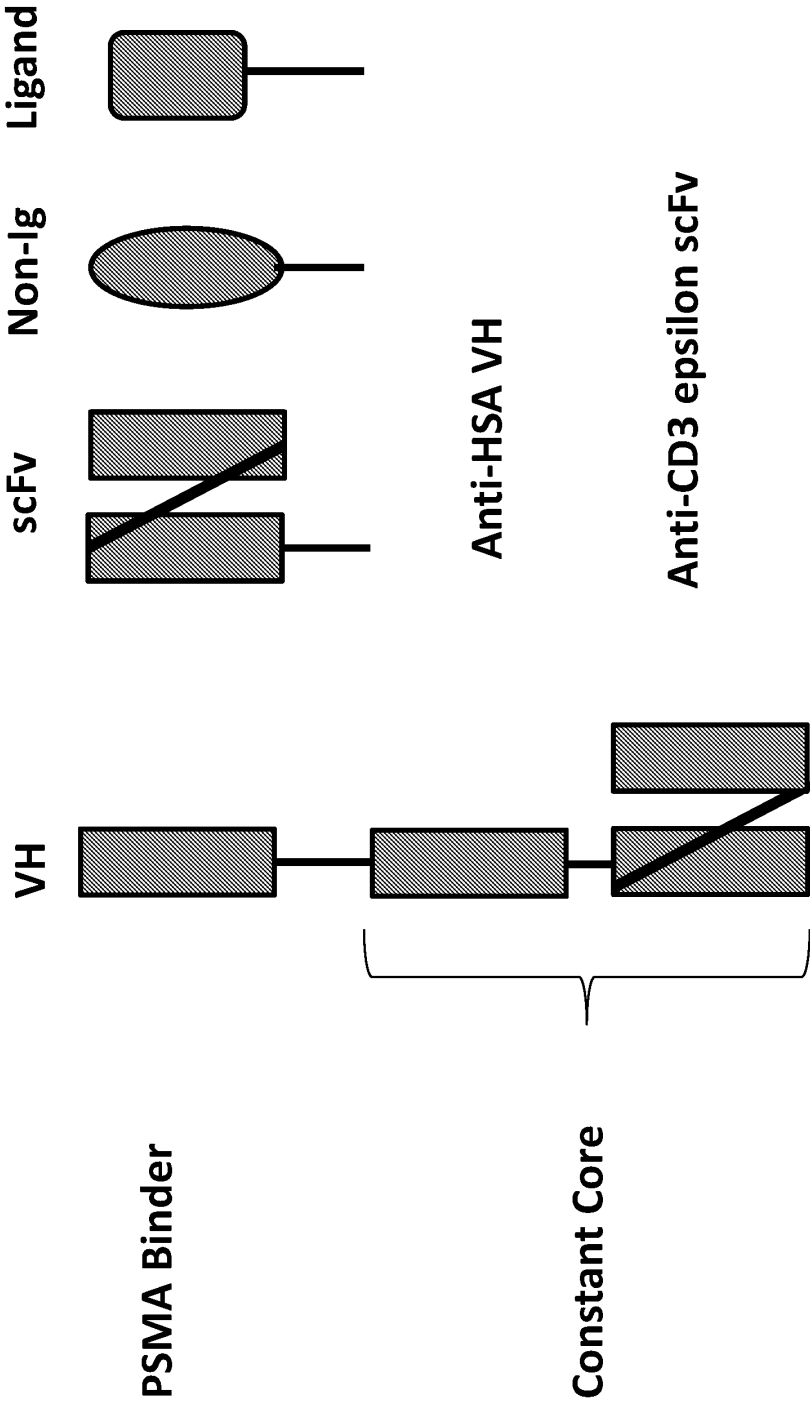


Figure 2A

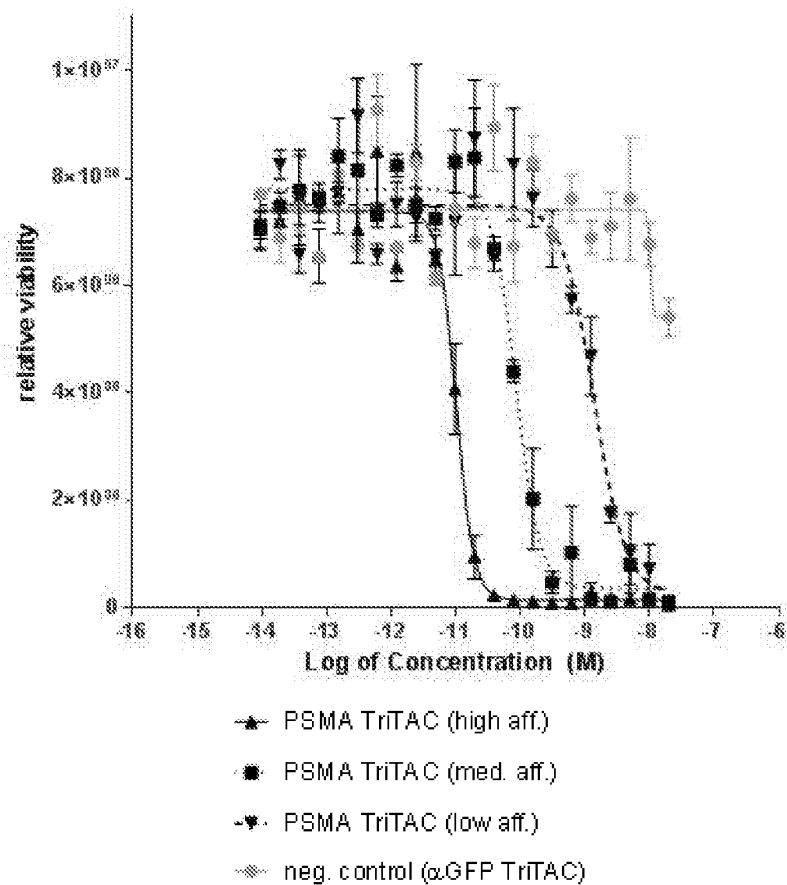
**Activity of TrITACs in
prostate cancer model LNCaP**

Figure 2B

Activity of TriTACs in
prostate cancer model 22Rv1

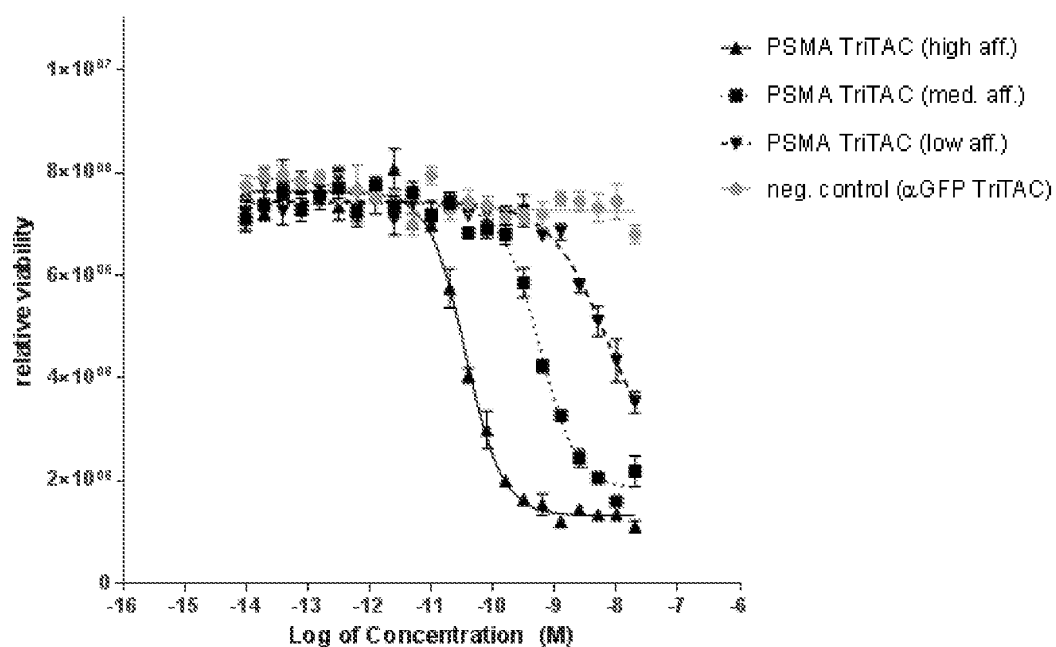
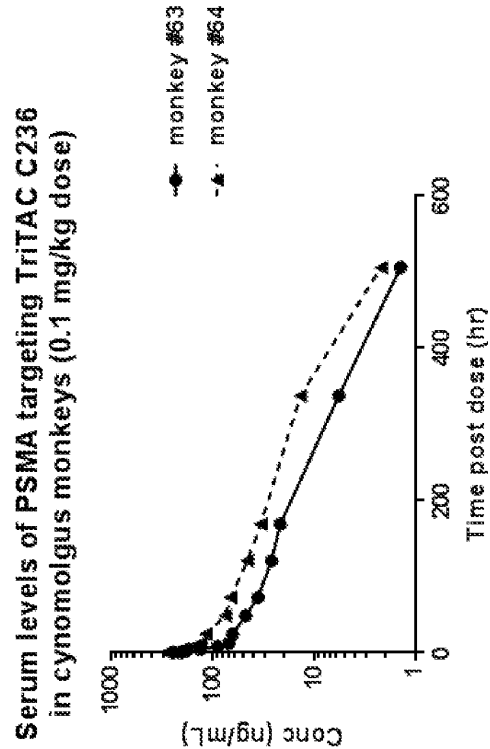


Figure 2C

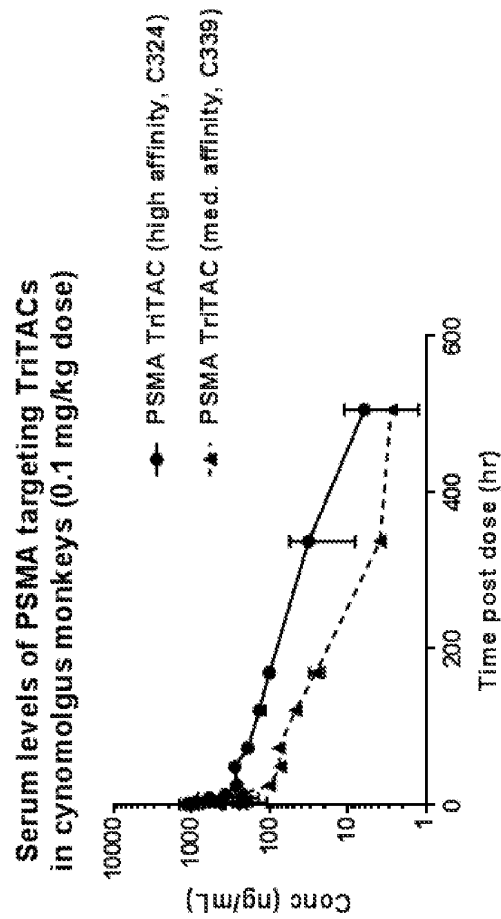
EC50 [pM]	LNCaP	22Rv1
TriTAC CD3 high aff. – C324	10	35
TriTAC CD3 med. aff. – C339	87	561
TriTAC CD3 low aff. – C325	1,389	7,460

Figure 3



Dose Level	Animal ID	No points	Terminal	C _{max}	C ₀	AUC, 0-last	AUC, 0-inf	AUC	Clearance	V _{ss}
0.1 mg/kg	63	6	t1/2	(ng/mL)	(ng/mL)	(hr*ng/mL)	(hr*ng/mL)	(%)	(mL/hr/kg)	(L/kg)
	64	6		245	253	10100	10300	1.8	9.68	1.15
	Mean	6	92.6	266	276	13800	14100	1.8	7.64	0.93

Figure 4



Dose Level	Animal ID	# points	Terminal t _{1/2}	C _{max}	C ₀	AUC, 0-last	AUC, 0-inf	AUC % Extrapolated	Clearance	V _{ss}
C324 0.1 mg/kg	2389M	5	70.3	1360	1390	47800	48100	0.568	2.08	0.192
	71F	5	101	918	941	56100	57500	2.46	1.74	0.244
	Mean	5	85.8	1140	1170	51900	52800	1.52	1.91	0.218
C339 0.1 mg/kg	2390M	6	85.3	497	533	17800	18100	1.79	5.53	0.530
	70F	6	86.5	456	523	15600	16000	2.32	6.25	0.621
	Mean	6	85.9	477	528	16700	17000	2.05	5.89	0.575

Figure 5A

Activity of TrITACs in
LNCaP model

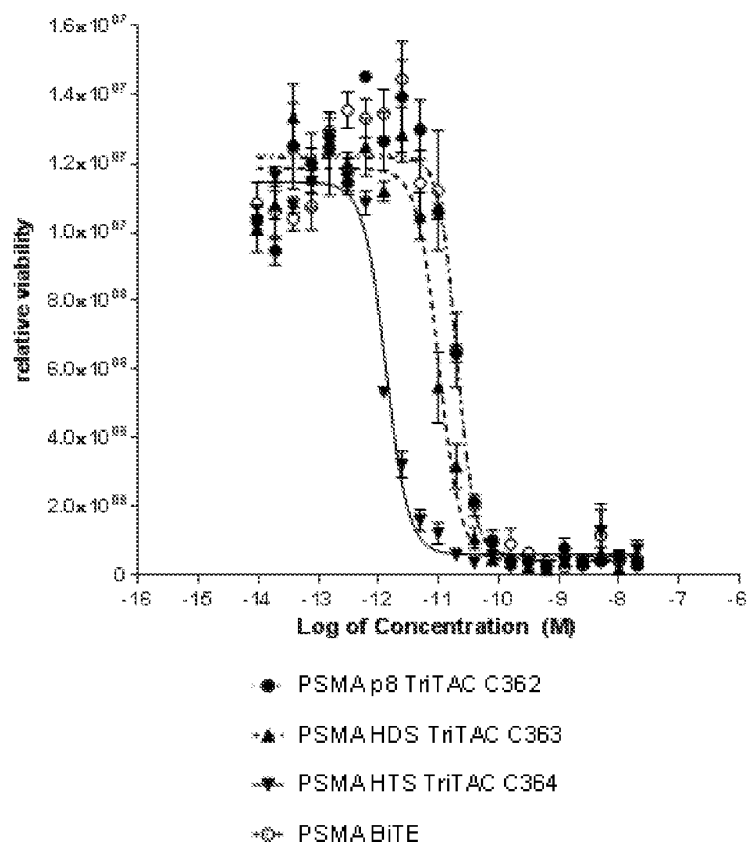


Figure 5B

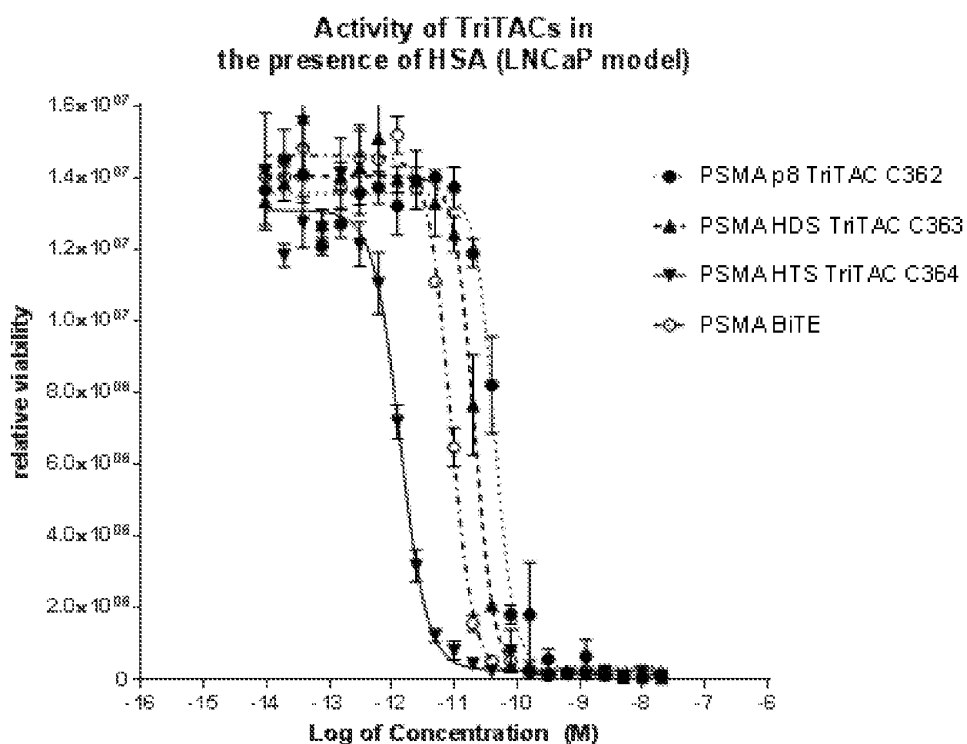
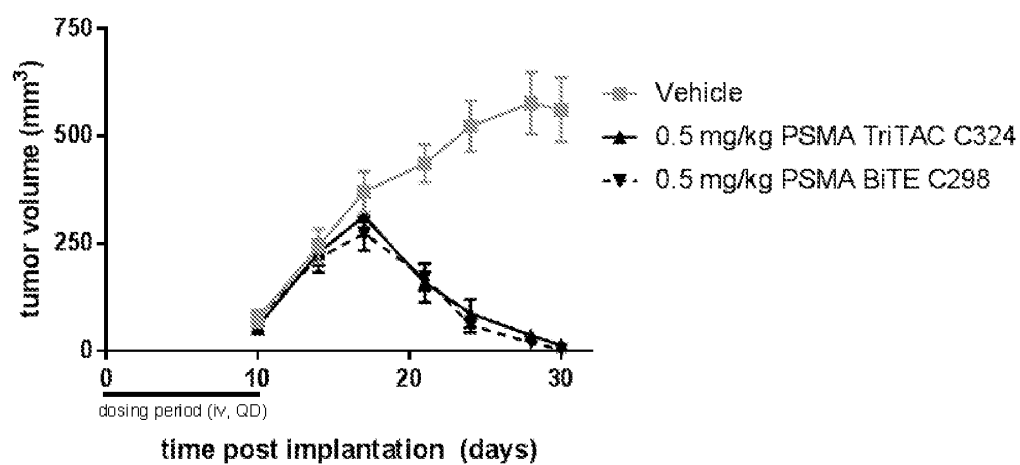


Figure 5C

EC50 [pM]	LNCaP	LNCaP with HSA	HSA shift
PSMA p8 TriTAC C362	20	43	2x
PSMA HDS TriTAC C363	10	21	2x
PSMA HTS TriTAC C364	1.3	1.3	1x
PSMA BiTE	20	9	0.5x

Figure 6



- 22Rv1 human prostate cancer xenograft study in NOD/SCID/gamma mice reconstituted with resting, primary human T cells mixed at 1:1 ratio with cancer cells

Figure 7A

Cell line	EGFR expression	PSMA expression
LNCaP	Positive	Positive
KMS12BM	Negative	Negative
OVCAR8	Positive	Negative

Figure 7B

TDCC assay with PSMA positive LNCaP tumor cells

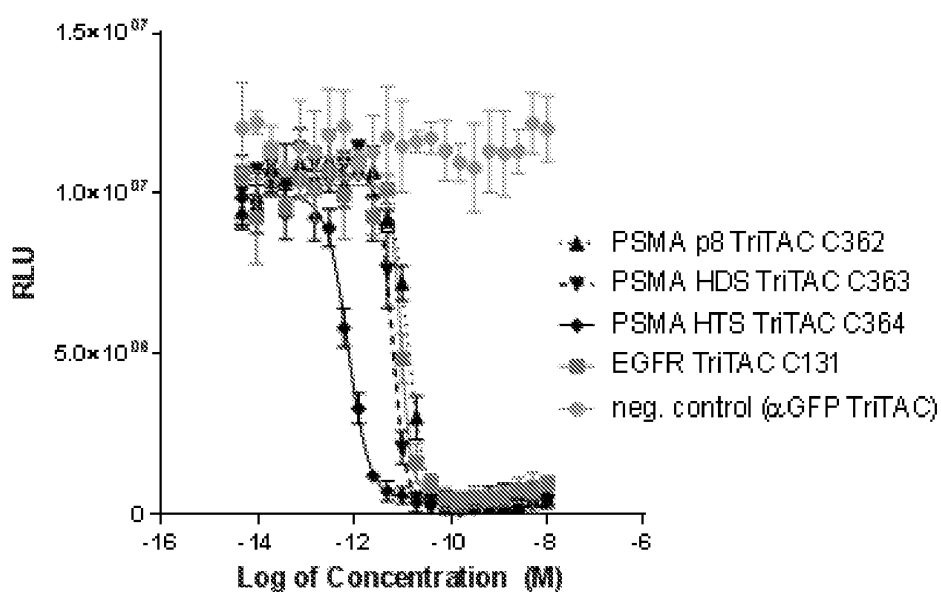


Figure 7C

TDCC assay with PSMA negative KMS12BM tumor cells

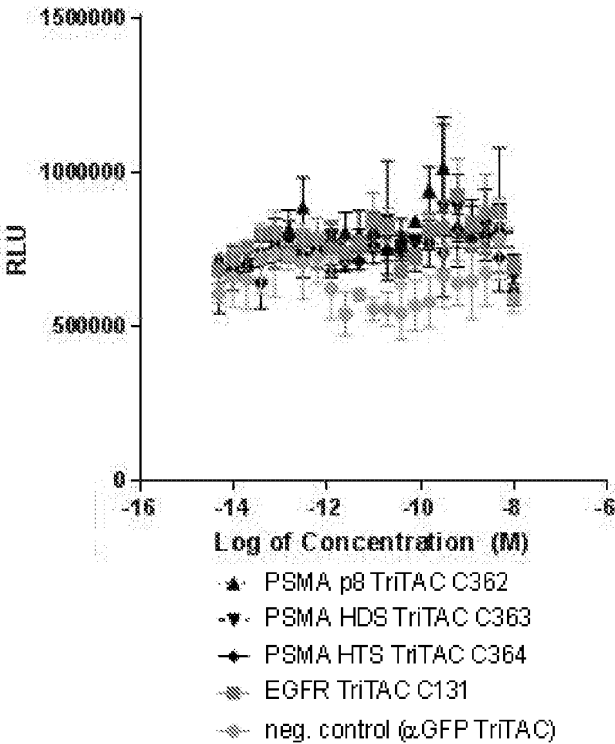
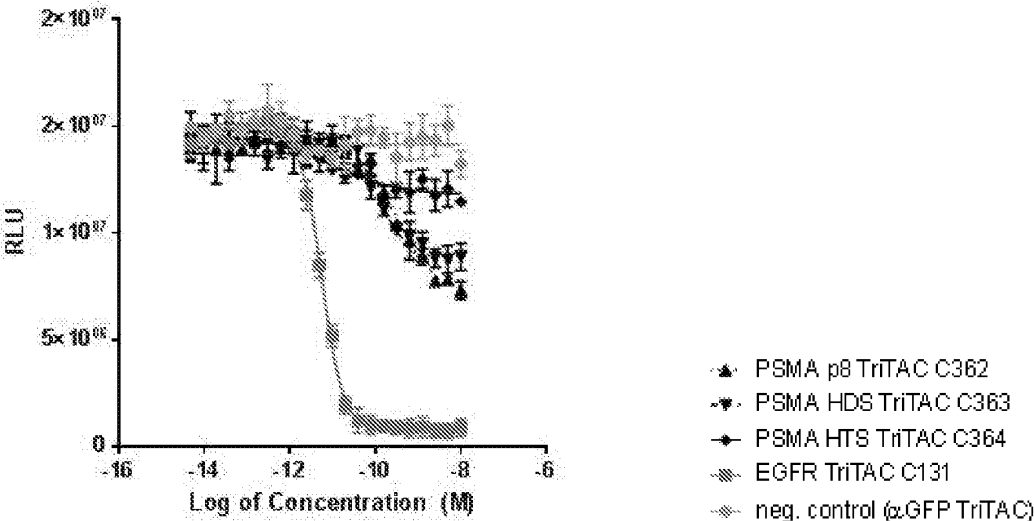


Figure 7D

TDCC Assay with PSMA negative OVCAR8 Cell Line



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Figure 8A

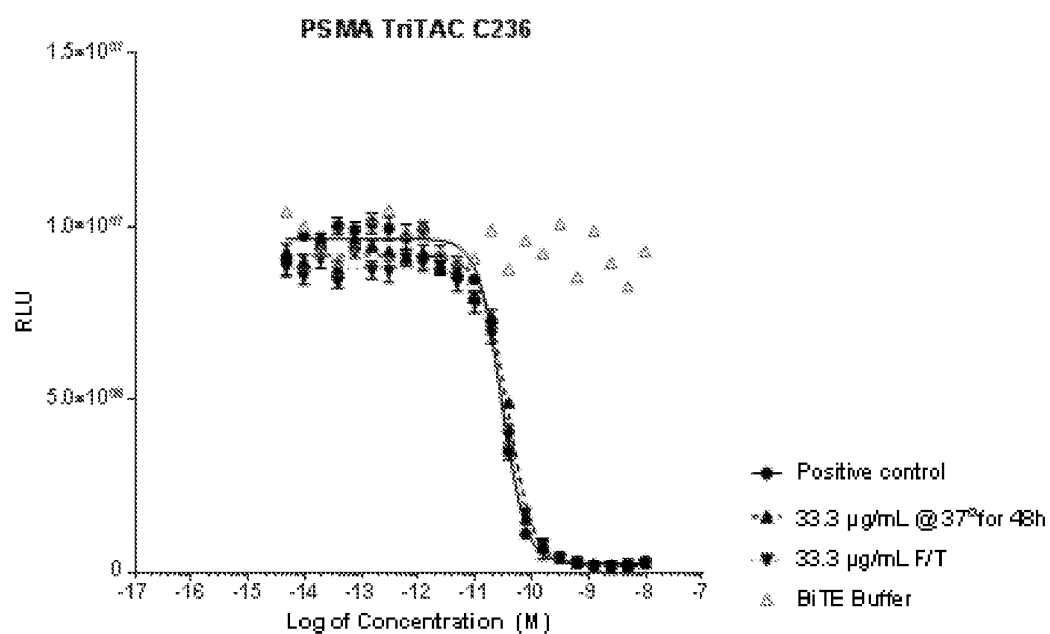
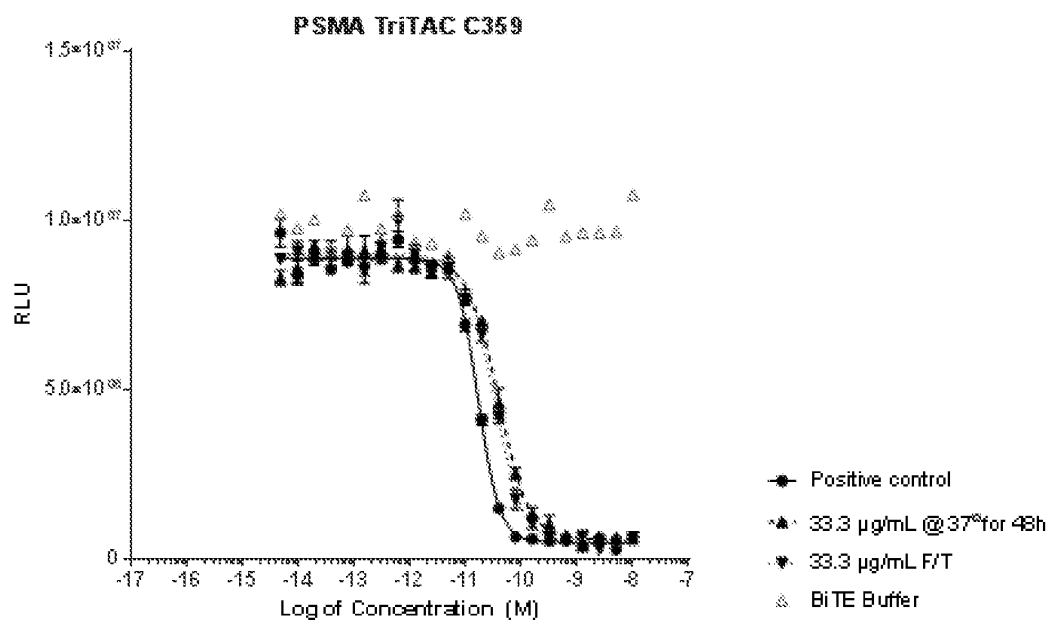


Figure 8B



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Figure 8C

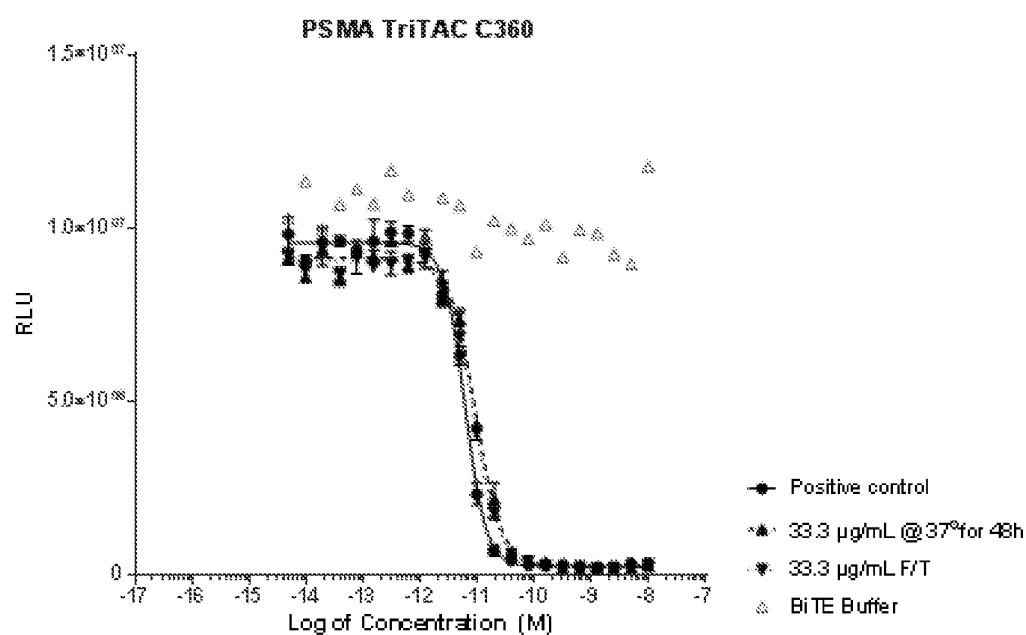


Figure 8D

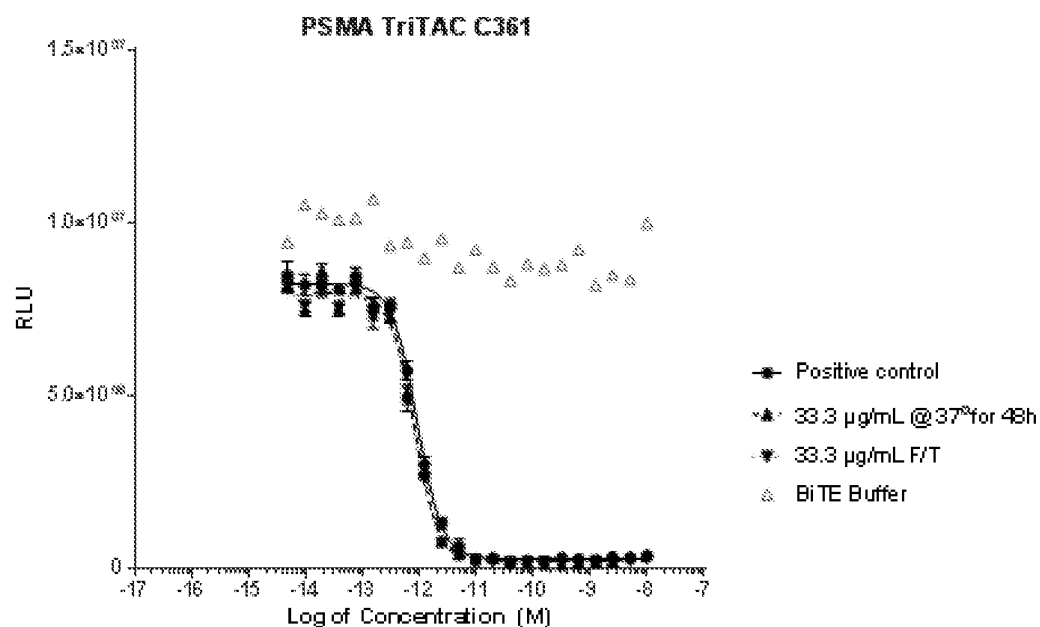


Figure 9A

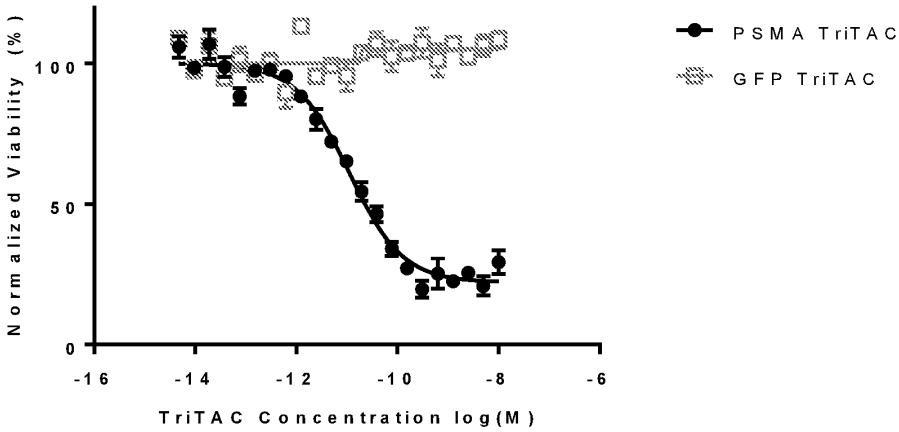


Figure 9B

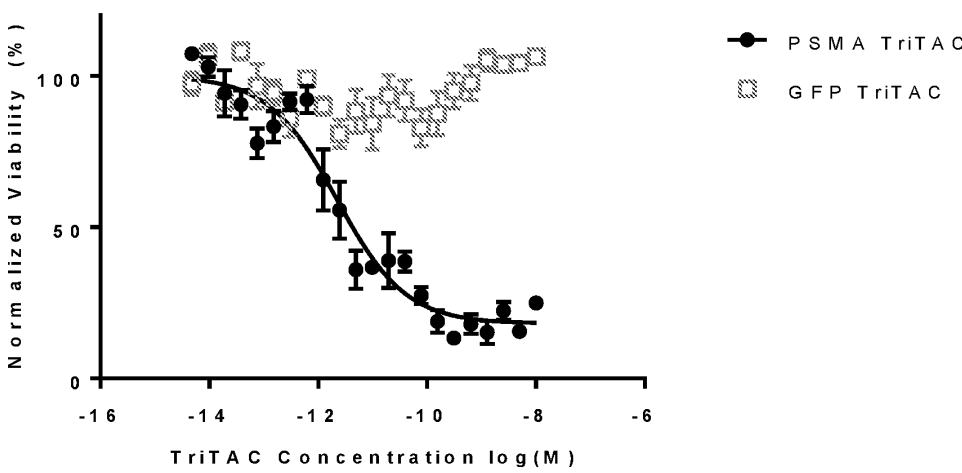


Figure 10

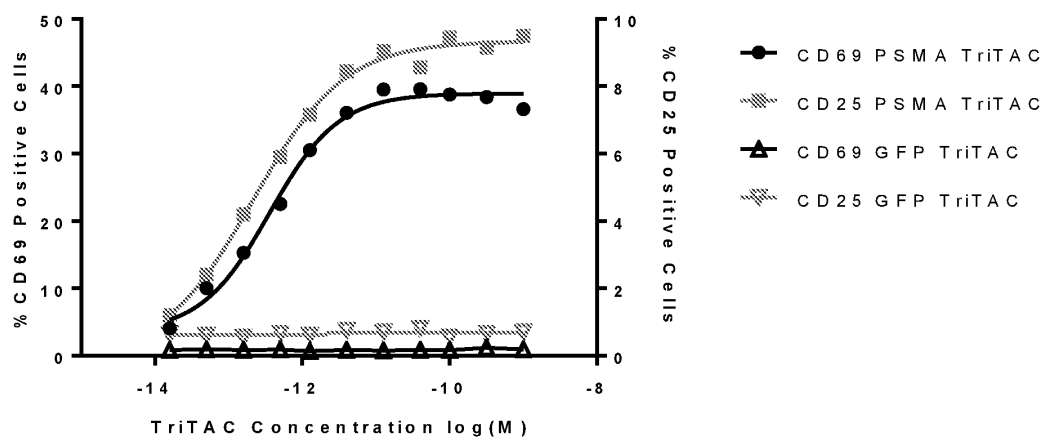


Figure 11

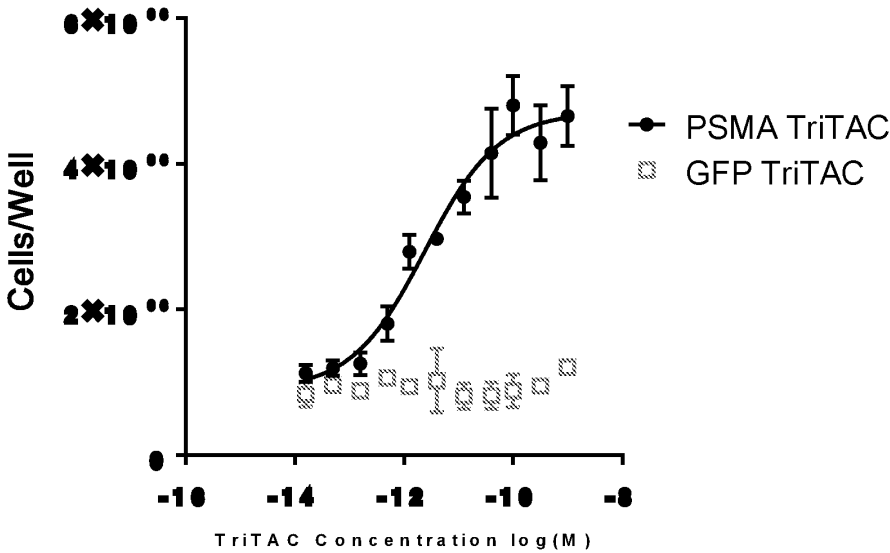


Figure 12A

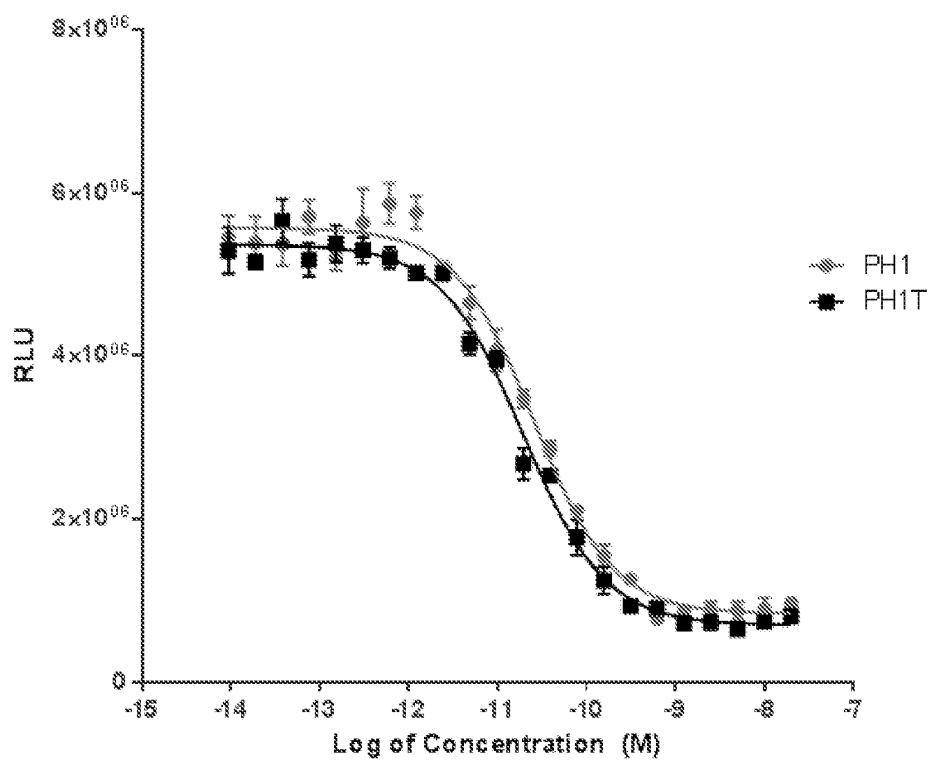


Figure 12B

