Nontumored Animal Toxicity Assay for S710464

Report printed on 07-Mar-2007

The following NSCs have not yet been approved by the Project Officer -- S710464

The data used to perform these calculations may be incomplete or inaccurate

EXPERIMENT: AA3-251 / 0 / 9G	**TUMOR:** NO CELLS	**HOST:** Athymic Nudes	**IMPLANT DATE:** 26-JAN-2001
MEMO NO:	**SOURCE/LINE:** 0	**SOURCE:** CRR	**STAGING DATE:** 26-JAN-2001
BOOK NO: ADAS	**IMPLANT SITE:** 0	**SEX:** F	**EVALUATION DATE:** 16-FEB-2001

TREATMENT

Grp	NSC	Dose/Units	Rt.	Schedule	Death Days	Surv/Total Day 22
1	710464	50.00 mg/kg/day	IP	INF X 7days, Day 1	6 -- -- --	3/4
2	710464	25.00 mg/kg/day	IP	INF X 7days, Day 1	-- -- -- --	4/4
3	710464	12.50 mg/kg/day	IP	INF X 7days, Day 1	14 -- -- --	3/4
4	710464	6.25 mg/kg/day	IP	INF X 7days, Day 1	9 12 -- --	2/4

VEHICLES

Grp 1 ->	NSC # 710464 / 2 (Dose = 50.00)	: in 50%DMSO/50%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp 2 ->	NSC # 710464 / 2 (Dose = 25.00)	: in 50%DMSO/50%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp 3 ->	NSC # 710464 / 2 (Dose = 12.50)	: in 50%DMSO/50%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp 4 ->	NSC # 710464 / 2 (Dose = 6.25)	: in 50%DMSO/50%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr

NOTE: All treatment was administered according to exact body weight.

Nontumored Animal Toxicity Assay for S710464

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The following NSCs have not yet been approved by the Project Officer -- S710464

The data used to perform these calculations may be incomplete or inaccurate

EXPERIMENT: AA3-253 / 0 / 9G	**TUMOR:** NO CELLS	**HOST:** Athymic Nudes	**IMPLANT DATE:** 19-APR-2001
MEMO NO:	**SOURCE/LINE:** 0	**SOURCE:** CRR	**STAGING DATE:** 19-APR-2001
BOOK NO: ADAS	**IMPLANT SITE:** 0	**SEX:** F	**EVALUATION DATE:** 18-MAY-2001

TREATMENT

Grp	NSC	Dose/Units	Rt.	Schedule	Death Days	Surv/Total Day 30
1	710464	50.00 mg/kg/day	IP	INF X 7days, Day 1	-- -- 11	2/3
2	710464	25.00 mg/kg/day	IP	INF X 7days, Day 1	-- -- --	3/3
3	710464	12.50 mg/kg/day	IP	INF X 7days, Day 1	-- -- --	3/3
4	710464	6.25 mg/kg/day	IP	INF X 7days, Day 1	-- -- --	3/3

VEHICLES

Grp 1	->	NSC # 710464 / 3 (Dose = 50.00)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp 2	->	NSC # 710464 / 3 (Dose = 25.00)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp 3	->	NSC # 710464 / 3 (Dose = 12.50)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp 4	->	NSC # 710464 / 3 (Dose = 6.25)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr

NOTE: All treatment was administered according to exact body weight.

Response of Early Stage SC MCF7Breast Tumor Xenografts to 710464

Report printed on 07-Mar-2007

EXPERIMENT: KCR2-5 / 0 / 9G	**TUMOR:** MCF7	**HOST:** Athymic Nudes	**IMPLANT DATE:** 09-MAR-2000
MEMO NO:	**SOURCE/LINE:** 01A07F5T6	**SOURCE:** APA	**STAGING DATE:** 22-MAR-2000
BOOK NO:	**IMPLANT SITE:** SC	**SEX:** F	**EVALUATION DATE:** 19-MAY-2000

TREATMENT														
Grp	NSC	Dose/Units	Rt.	Schedule	No. of Mice	No. of Notakes/ Spon Reg	Drug Deaths	Max % Rel Mean Net Wt Loss (day)	Tumor Free on Day (71)	Opt % T/C (day)	MEDIAN days to 2 DOUB	Growth Delay % T-C/C	Net Log Cell Kill
1	CONTROL	0.00 mg/kg/dose	IP	QDx5, Day 13	20	0	0	7.6(42)	0		9.0		
8	710464	100.00 mg/kg/dose	IP	QDx5, Day 13	6	0	0	26.6(21)	1	11(35)	37.6	318	2.40
9	710464	67.00 mg/kg/dose	IP	QDx5, Day 13	6	0	0	19.5(21)	0	27(32)	21.6	140	0.80
10	710464	45.00 mg/kg/dose	IP	QDx5, Day 13	6	0	1	8.4(21)	0	33(35)	17.4	93	0.40
11	710464	30.00 mg/kg/dose	IV	QDx5, Day 13	6	0	3	0.5(15)	0	TOXIC	12.4	38	-0.10
12	710464	20.00 mg/kg/dose	IV	QDx5, Day 13	6	0	2	1.5(18)	0	52(18)	13.7	52	0.10
13	710464	13.30 mg/kg/dose	IV	QDx5, Day 13	6	0	1	2.5(32)	0	66(18)	10.3	14	-0.30
14	710464	8.90 mg/kg/dose	IV	QDx5, Day 13	6	0	0	2.1(49)	0	67(21)	12.5	39	0.00

VEHICLES

Grp 1	->	CONTROL	: Saline + Tween 80 (0.05%)		Inj. Vol.: 0.1 ml/10gm body wt
Grp 8	->	NSC # 710464 / 3 (Dose = 100.00)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp 9	->	NSC # 710464 / 3 (Dose = 67.00)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp 10	->	NSC # 710464 / 3 (Dose = 45.00)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp 11	->	NSC # 710464 / 3 (Dose = 30.00)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp 12	->	NSC # 710464 / 3 (Dose = 20.00)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp 13	->	NSC # 710464 / 3 (Dose = 13.30)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp 14	->	NSC # 710464 / 3 (Dose = 8.90)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt

Response of Advanced Stage SC MCF7Breast Tumor Xenografts to 710464

Report printed on 07-Mar-2007

EXPERIMENT: KCR2-8 / 0 / 9G	**TUMOR: MCF7**	**HOST: Athymic Nudes**	**IMPLANT DATE: 07-FEB-2001**
MEMO NO:	**SOURCE/LINE: 01A04F5T8**	**SOURCE: TAC**	**STAGING DATE: 21-FEB-2001**
BOOK NO: ADAS	**IMPLANT SITE: SC**	**SEX: F**	**EVALUATION DATE: 02-APR-2001**

TREATMENT								REGRESSION							
Grp	**NSC**	**Dose/Units**	**Rt.**	**Schedule**	**No. of Mice**	**Drug Deaths**	**Max % rel Mean Net Wt Loss (day)**	**Part No.**	**Comp No.**	**Tumor Free on Day (54)**	**opt % T/C (day)**	**Median Tumor Wt Day 14**	**MEDIAN days to 2 DOUB**	**Growth Delay % T-C/C**	**Net log Cell Kill**
1	CONTROL	0.00 mg/kg/dose	IP	QDx5 , Day 14	20	0	8.2(50)	0	0	0		162.0	9.7		
2	710464	70.00 mg/kg/dose	IP	QDx5 , Day 14	6	2	25.6(29)	0	0	0	7(29)	162.0	> 38.0	292	1.80
3	710464	46.60 mg/kg/dose	IP	QDx5 , Day 14	6	3	19.2(29)	0	0	0	TOXIC	144.0	31.1	221	1.30
4	710464	31.10 mg/kg/dose	IP	QDx5 , Day 14	6	3	11.1(19)	0	0	0	TOXIC	144.0	18.2	88	0.30
5	710464	50.00 mg/kg/day	IP	INF X 7days, Day 14	6	1	15.7(26)	0	0	0	11(29)	144.0	> 29.0	199	0.90
6	710464	33.30 mg/kg/day	IP	INF X 7days, Day 14	6	6	17.0(16)	0	0	0	TOXIC				
7	710464	22.20 mg/kg/day	IP	INF X 7days, Day 14	6	6	18.7(19)	0	0	0	TOXIC				
8	710464	14.80 mg/kg/day	IP	INF X 7days, Day 14	6	5	14.6(16)	0	0	0	TOXIC	196.0	11.9	23	-0.30
9	DOSE ZERO	0.00 mg/kg/day	IP	INF X 7days, Day 14	6	3	24.8(22)	0	0	0	TOXIC	162.0	17.9	85	

VEHICLES

Grp	1 ->	CONTROL	: Saline + Tween 80 (>0.05%)		Inj. Vol.: 0.1 ml/10gm body wt
Grp	9 ->	DOSE ZERO	: 10%DMSO/90%Water		Inj. Vol.: 1 ul/hr
Grp	2 ->	NSC # 710464 / 3 (Dose = 70.00)	: in Saline + Tween 80 (>0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp	3 ->	NSC # 710464 / 3 (Dose = 46.60)	: in Saline + Tween 80 (>0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp	4 ->	NSC # 710464 / 3 (Dose = 31.10)	: in Saline + Tween 80 (>0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp	5 ->	NSC # 710464 / 3 (Dose = 50.00)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp	6 ->	NSC # 710464 / 3 (Dose = 33.30)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp	7 ->	NSC # 710464 / 3 (Dose = 22.20)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp	8 ->	NSC # 710464 / 3 (Dose = 14.80)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr

Response of Advanced Stage SC CAKI-1Renal Tumor Xenografts to 710464

Report printed on 07-Mar-2007

EXPERIMENT: YEJ2-4 / 0 / 9G	**TUMOR:** CAKI-1	**HOST:** Athymic Nudes	**IMPLANT DATE:** 02-JUL-2001
MEMO NO:	**SOURCE/LINE:** 01A04F17T4	**SOURCE:** CRR	**STAGING DATE:** 19-JUL-2001
BOOK NO: ADAS	**IMPLANT SITE:** SC	**SEX:** F	**EVALUATION DATE:** 10-SEP-2001

TREATMENT								REGRESSION								
Grp	NSC	Dose/Units	Rt.	Schedule	No. of Mice	Drug Deaths	Max % rel Mean Net Wt Loss (day)	Part No.	Comp No.	Tumor Free on Day (70)	opt % T/C (day)	Median Tumor Wt Day 17	MEDIAN days to 2 DOUB	Growth Delay % T-C/C	Net log Cell Kill
1	CONTROL	0.00 mg/kg/dose	IP	QDx5 , Day 17	20	0	6.7(45)	0	0	0		410.5	9.6		
2	710464	70.00 mg/kg/dose	IP	QDx5 , Day 17	6	0	20.8(28)	0	2	4	-100(42)	279.0	> 51.8	440	4.00
3	710464	46.60 mg/kg/dose	IP	QDx5 , Day 17	6	0	9.9(24)	0	2	4	-100(42)	386.5	> 51.7	439	4.00
4	710464	31.10 mg/kg/dose	IP	QDx5 , Day 17	6	0	10.1(21)	2	0	0	-41(28)	352.0	41.1	328	2.90
5	710464	50.00 mg/kg/day	IP	INF X 7days, Day 17	6	0	15.6(28)	1	1	2	-100(42)	394.5	> 36.8	283	2.10
6	710464	33.30 mg/kg/day	IP	INF X 7days, Day 17	6	2	10.7(28)	1	1	0	-10(42)	352.0	> 43.8	356	2.80
7	710464	22.20 mg/kg/day	IP	INF X 7days, Day 17	6	0	12.1(28)	0	0	0	42(28)	336.0	18.0	88	0.10
8	710464	14.80 mg/kg/day	IP	INF X 7days, Day 17	6	0	18.0(28)	1	0	0	16(35)	352.0	22.8	138	0.60
9	DOSE ZERO	0.00 mg/kg/day	IP	INF X 7days, Day 17	6	0	14.8(28)	0	0	0	UE	362.5	12.6	31	

VEHICLES

Grp	1 ->	CONTROL	: Saline + Tween 80 (>0.05%)		Inj. Vol.: 0.1 ml/10gm body wt
Grp	9 ->	DOSE ZERO	: 10%DMSO/90%Water		Inj. Vol.: 1 ul/hr
Grp	2 ->	NSC # 710464 / 3 (Dose = 70.00)	: in Saline + Tween 80 (>0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp	3 ->	NSC # 710464 / 3 (Dose = 46.60)	: in Saline + Tween 80 (>0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp	4 ->	NSC # 710464 / 3 (Dose = 31.10)	: in Saline + Tween 80 (>0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp	5 ->	NSC # 710464 / 3 (Dose = 50.00)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp	6 ->	NSC # 710464 / 3 (Dose = 33.30)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp	7 ->	NSC # 710464 / 3 (Dose = 22.20)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr
Grp	8 ->	NSC # 710464 / 3 (Dose = 14.80)	: in 10%DMSO/90%Water	(Soluble - no visible particles)	Inj. Vol.: 1 ul/hr

Response of Advanced Stage SC CAKI-1Renal Tumor Xenografts to 710464

Report printed on 07-Mar-2007

EXPERIMENT: YER2-2 / 0 / 9G	**TUMOR:** CAKI-1	**HOST:** Athymic Nudes	**IMPLANT DATE:** 30-AUG-2000
MEMO NO:	**SOURCE/LINE:** 01A03F17T3	**SOURCE:** CRR	**STAGING DATE:** 12-SEP-2000
BOOK NO: ADAS	**IMPLANT SITE:** SC	**SEX:** M	**EVALUATION DATE:** 30-OCT-2000

TREATMENT								REGRESSION								
Grp	NSC	Dose/Units	Rt.	Schedule	No. of Mice	Drug Deaths	Max % rel Mean Net Wt Loss (day)	Part No.	Comp No.	Tumor Free on Day (61)	opt % T/C (day)	Median Tumor Wt Day 13	MEDIAN days to 2 DOUB	Growth Delay % T-C/C	Net log Cell Kill
1	CONTROL	0.00 mg/kg/dose	IP	QDx5, Day 13	20	0	4.0(37)	0	0	0		126.0	5.7		
8	710464	100.00 mg/kg/dose	IP	QDx5, Day 13	6	2	30.2(23)	0	0	4	-100(20)	107.0	UE		
9	710464	67.00 mg/kg/dose	IP	QDx5, Day 13	6	1	14.2(20)	0	1	4	-100(20)	108.0	> 48.0	742	4.60
10	710464	45.00 mg/kg/dose	IP	QDx5, Day 13	6	0	10.7(20)	0	0	3	-50(23)	144.0	27.4	381	2.10
11	710464	20.00 mg/kg/dose	IV	QDx5, Day 13	6	1	5.3(16)	0	0	0	-13(23)	144.0	19.9	249	1.20
12	710464	13.30 mg/kg/dose	IV	QDx5, Day 13	6	0	5.5(48)	0	0	0	9(27)	119.5	19.1	235	1.10
13	710464	8.90 mg/kg/dose	IV	QDx5, Day 13	6	0	3.1(16)	0	0	0	31(20)	126.0	15.1	165	0.70

VEHICLES

Grp 1	->	CONTROL	: Saline + Tween 80 (0.05%)		Inj. Vol.: 0.1 ml/10gm body wt
Grp 8	->	NSC # 710464 / 3 (Dose = 100.00)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp 9	->	NSC # 710464 / 3 (Dose = 67.00)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp 10	->	NSC # 710464 / 3 (Dose = 45.00)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp 11	->	NSC # 710464 / 3 (Dose = 20.00)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp 12	->	NSC # 710464 / 3 (Dose = 13.30)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt
Grp 13	->	NSC # 710464 / 3 (Dose = 8.90)	: in Saline + Tween 80 (0.05%)	(Soluble - no visible particles)	Inj. Vol.: 0.1 ml/10gm body wt