

**One Mouse Toxicity Assay for S701852**

Report printed on 08-Mar-2007

**The following NSCs have not yet been approved by the Project Officer -- S701852**

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

**EXPERIMENT: AAZ-482 / 0 / 9F**

**TUMOR: NO CELLS**

**HOST: Athymic Nudes**

**IMPLANT DATE: 04-AUG-1998**

**MEMO NO:**

**SOURCE/LINE: 0**

**SOURCE: APA**

**STAGING DATE: 04-AUG-1998**

**BOOK NO: WS 175**

**IMPLANT SITE: 0**

**SEX: M**

**EVALUATION DATE: 30-AUG-1998**

**TREATMENT**

| Grp | NSC    | Dose/Units        | Rt. | Schedule      | Animal Weights on Day |    |    |    | Death Day | Death Code | Survivors Day 14 |
|-----|--------|-------------------|-----|---------------|-----------------------|----|----|----|-----------|------------|------------------|
|     |        |                   |     |               | 1                     | 5  | 10 | 14 |           |            |                  |
| 1   | 701852 | 400.00 mg/kg/dose | IP  | QD X 1, Day 1 | 19                    | 22 | 26 | 28 | --        | SAC        | YES              |
| 2   | 701852 | 200.00 mg/kg/dose | IP  | QD X 1, Day 1 | 20                    | 22 | 24 | 25 | --        | SAC        | YES              |
| 3   | 701852 | 100.00 mg/kg/dose | IP  | QD X 1, Day 1 | 22                    | 25 | 26 | 27 | --        | SAC        | YES              |

**VEHICLES**

|              |   |                                  |   |                               |                                   |                                 |
|--------------|---|----------------------------------|---|-------------------------------|-----------------------------------|---------------------------------|
| <b>Grp</b> 1 | → | NSC # 701852 / 1 (Dose = 400.00) | : | in Saline + Tween 80 (>0.05%) | (Smooth suspension - homogeneous) | Inj. Vol.: 0.2 ml/10gm body wt  |
| <b>Grp</b> 2 | → | NSC # 701852 / 1 (Dose = 200.00) | : | in Saline + Tween 80 (>0.05%) | (Smooth suspension - homogeneous) | Inj. Vol.: 0.1 ml/10gm body wt  |
| <b>Grp</b> 3 | → | NSC # 701852 / 1 (Dose = 100.00) | : | in Saline + Tween 80 (>0.05%) | (Smooth suspension - homogeneous) | Inj. Vol.: 0.05 ml/10gm body wt |

**Response of Early Stage SC PSN-1 Xenografts to 701852**

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**EXPERIMENT: RAR2-5 / 0 / 8B**  
**MEMO NO:**  
**BOOK NO:**

**TUMOR: PSN-1**  
**SOURCE/LINE: 01/A/03**  
**IMPLANT SITE: SC**

**HOST: Athymic Nudes**  
**SOURCE: APA**  
**SEX: F**

**IMPLANT DATE: 18-MAY-2004**  
**STAGING DATE: 25-MAY-2004**  
**EVALUATION DATE: 10-JUN-2004**

**TREATMENT**

| Grp | NSC     | Dose/Units       | Rt. | Schedule      | No. of Mice | No. of Notakes/<br>Spon Reg | Drug Deaths | Max % Rel Mean Net Wt Loss (day) | Tumor Free on Day (23) | Opt % T/C (day) | MEDIAN days to 250 MGMS | Growth Delay % T-C/C | Net Log Cell Kill |
|-----|---------|------------------|-----|---------------|-------------|-----------------------------|-------------|----------------------------------|------------------------|-----------------|-------------------------|----------------------|-------------------|
| 1   | CONTROL | 0.00 mg/kg/dose  | IP  | QD X 3, Day 7 | 15          | 0                           | 0           | 21.5(20)                         | 0                      |                 | 9.2                     |                      |                   |
| 3   | 701852  | 25.00 mg/kg/dose | IP  | QD X 3, Day 7 | 6           | 0                           | 0           | 20.9(23)                         | 0                      | 47(20)          | 9.5                     | 3                    | 0.00              |
| 4   | 701852  | 15.00 mg/kg/dose | IP  | QD X 3, Day 7 | 6           | 0                           | 0           | 29.8(23)                         | 0                      | 64(20)          | 9.5                     | 3                    | 0.00              |
| 5   | 701852  | 25.00 mg/kg/dose | IP  | QD X 3, Day 7 | 6           | 0                           | 0           | 12.1(23)                         | 0                      | 37(20)          | 9.8                     | 7                    | -0.10             |
| 5   | 720094  | 4.00 Gy          | EX  | QD X 1, Day 9 |             |                             |             |                                  |                        |                 |                         |                      |                   |
| 6   | 701852  | 15.00 mg/kg/dose | IP  | QD X 3, Day 7 | 6           | 0                           | 0           | 26.0(23)                         | 0                      | 55(20)          | 9.6                     | 4                    | -0.10             |
| 6   | 720094  | 4.00 Gy          | EX  | QD X 1, Day 9 |             |                             |             |                                  |                        |                 |                         |                      |                   |

**VEHICLES**

|       |    |                                 |                |  |  |  |                                  |  |  |  |  |  |                                |
|-------|----|---------------------------------|----------------|--|--|--|----------------------------------|--|--|--|--|--|--------------------------------|
| Grp 1 | -> | CONTROL                         | : 100% DMSO    |  |  |  |                                  |  |  |  |  |  | Inj. Vol.: 1 ul/gm body wt     |
| Grp 3 | -> | NSC # 701852 / 1 (Dose = 25.00) | : in 100% DMSO |  |  |  | (Soluble - no visible particles) |  |  |  |  |  | Inj. Vol.: 0.1 ml/10gm body wt |
| Grp 4 | -> | NSC # 701852 / 1 (Dose = 15.00) | : in 100% DMSO |  |  |  | (Soluble - no visible particles) |  |  |  |  |  | Inj. Vol.: 0.1 ml/10gm body wt |
| Grp 5 | -> | NSC # 701852 / 1 (Dose = 25.00) | : in 100% DMSO |  |  |  | (Soluble - no visible particles) |  |  |  |  |  | Inj. Vol.: 1 ul/gm body wt     |
| Grp 5 | -> | NSC # 720094 / 1 (Dose = 4.00)  | : in None      |  |  |  | (Not Applicable)                 |  |  |  |  |  | Inj. Vol.: Not applicable      |
| Grp 6 | -> | NSC # 701852 / 1 (Dose = 15.00) | : in 100% DMSO |  |  |  | (Soluble - no visible particles) |  |  |  |  |  | Inj. Vol.: 1 ul/gm body wt     |
| Grp 6 | -> | NSC # 720094 / 1 (Dose = 4.00)  | : in None      |  |  |  | (Not Applicable)                 |  |  |  |  |  | Inj. Vol.: Not applicable      |