Experiment Number: 95007-02
Test Type: 26-WEEK
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)
CAS Number: 298-59-9

Date Report Requested: 10/17/2014
First Dose M/F: NA / NA
Lab: BAT

C Number: C95007V
Lock Date: 08/12/1996
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE
### Experiment Number: 95007-02
### Test Type: 26-WEEK
### Route: DOSED FEED
### Species/Strain: Mouse/P53(C57BL/6)

**Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride)

**CAS Number:** 298-59-9

**Date ReportRequested:** 10/17/2014

**Time Report Requested:** 22:21:38

**First Dose M/F:** NA / NA

**Lab:** BAT

### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

#### DAY ON TEST

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**Alimentary System**

- Liver: + + + + + + + + + + + + + + + + 15
- Histiocytic Sarcoma: X 1
- Lymphoma Malignant: X 1

**Cardiovascular System**

- NONE

**Endocrine System**

- NONE

**General Body System**

- NONE

**Genital System**

- NONE

**Hematopoietic System**

- Spleen: + 1
- Lymphoma Malignant: X 1

**Integumentary System**

- NONE

**Musculoskeletal System**

- NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
Experiment Number: 95007-02  Date Report Requested: 10/17/2014
Route: DOSED FEED  First Dose M/F: NA / NA
Species/Strain: Mouse/P53(C57BL/6)  Lab: BAT

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

**Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride)  
**CAS Number:** 298-59-9

**Nervous System**  
NONE

**Respiratory System**  
NONE

**Special Senses System**  
NONE

**Urinary System**  
NONE

**SYSTEMIC LESIONS**

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**CAS Number:** 298-59-9  

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:21:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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### P53(C57BL/6) Mouse Male  
50 PPM

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*TOTALS*

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* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

Page 4
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P53(C57BL/6) Mouse Male | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 PPM | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| ANIMAL ID | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

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+  ..Tissue examined microscopically
X  ..Lesion present
I  ..Insufficient tissue
M  ..Missing tissue
A  ..Autolysis precludes evaluation
BLANK  ..Not examined microscopically

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

*TOTALS

15
P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

CAS Number: 298-59-9

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**DAY ON TEST**

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*TOTALS

**Alimentary System**

Liver

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Thymus

Lymphoma Malignant

+ 1

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
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M ..Missing tissue
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**Experiment Number:** 95007-02  
**Test Type:** 26-WEEK  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)  
**Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride)  
**CAS Number:** 298-59-9  
**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:21:39  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

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**P53(C57BL/6) Mouse Male**  
**250 PPM**

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*TOTALS*

**Respiratory System**  
**NONE**

**Special Senses System**  
**NONE**

**Urinary System**  
**NONE**

**SYSTEMIC LESIONS**

| Multiple Organ | + | + | + | + | + | + | + | + | + | + + + + 15 |
| Lymphoma Malignant | X | 1 |

* ..Total animals with tissue examined microscopically; Total animals with tumor  
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# P04: NEOPLASMS BY INDIVIDUAL ANIMAL

**Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride)

**CAS Number:** 298-59-9

## Experiment Number
95007-02

## Test Type
26-WEEK

## Route
DOSED FEED

## Species/Strain
Mouse/P53(C57BL/6)

## Date Report Requested
10/17/2014

## Time Report Requested
22:21:39

## First Dose M/F
NA / NA

## Lab
BAT

### DAY ON TEST

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## Alimentary System

- **Liver**: + + + + + + + + + + + 15

## Cardiovascular System

- **Heart**: + 1

## Endocrine System

NONE

## General Body System

NONE

## Genital System

NONE

## Hematopoietic System

NONE

## Integumentary System

NONE

## Musculoskeletal System

NONE

## Nervous System

NONE

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Date Report Requested: 10/17/2014
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Lab: BAT

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* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS
Multiple Organ + + + + + + + + + + + + + + + + + + 15

***END OF MALE DATA***

Page 9
**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

**Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride)

**CAS Number:** 298-59-9

---

**DAY ON TEST**

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**Total animals with tissue examined microscopically; Total animals with tumor**

**ALLENTORY SYSTEM**

**Liver**

+ + + + + + + + + + + + + + 15

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin + 1

**Musculoskeletal System**

NONE

**Nervous System**

NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

---

Page 10
P4: NEOPLASMS BY INDIVIDUAL ANIMAL

**Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride)

**CAS Number:** 298-59-9

---

**DAY ON TEST**

| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 PPM     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|           | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

**P53(C57BL/6) Mouse Female**

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

+ + + + + + + + + + + +

15

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
A ..Autolysis precludes evaluation
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
BLANK ..Not examined microscopically
Day on Test | P53(C57BL/6) Mouse Female | 50 PPM |
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**Alimentary System**

- Liver: + + + + + + + + + + + + + + + + + + 15
- Pancreas: + 1
- Acinus, Carcinoma: X 1

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

- Skin: + + 2

**Musculoskeletal System**

NONE

* Total animals with tissue examined microscopically; Total animals with tumor
+ Tissue examined microscopically
X Lesion present
I Insufficient tissue
M Missing tissue
A Autolysis precludes evaluation
BLANK Not examined microscopically
Experiment Number: 95007-02
Test Type: 26-WEEK
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)
CAS Number: 298-59-9

Date Report Requested: 10/17/2014
First Dose M/F: NA / NA
Lab: BAT

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P53(C57BL/6) Mouse Female
50 PPM | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

* ..Total animals with tissue examined microscopically; Total animals with tissue
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Nervous System

NONE

Respiratory System

NONE

Special Senses System

Eye

+ 1

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + + + + + + + + + + 15

Page 13
Experiment Number: 95007-02
Test Type: 26-WEEK
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

**Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride)
**CAS Number:** 298-59-9

**Date Report Requested:** 10/17/2014
**Time Report Requested:** 22:21:39
**First Dose M/F:** NA / NA
**Lab:** BAT

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* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

**Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride)  
**CAS Number:** 298-59-9

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| P53(C57BL/6) Mouse Female | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 250 PPM     | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

**ANIMAL ID**

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*TOTALS

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + + + + + + + + + + + + + + + + + 15

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
Experiment Number: 95007-02
Test Type: 26-WEEK
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)
CAS Number: 298-59-9

Date Report Requested: 10/17/2014

First Dose M/F: NA / NA
Lab: BAT

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

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**P53(C57BL/6) Mouse Female**
**500 PPM**

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*TOTALS*

**Alimentary System**
- Liver: + + + + + + + + + + + + 15

**Cardiovascular System**
- NONE

**Endocrine System**
- NONE

**General Body System**
- NONE

**Genital System**
- NONE

**Hematopoietic System**
- NONE

**Integumentary System**
- NONE

**Musculoskeletal System**
- NONE

**Nervous System**
- NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
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M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

CAS Number: 298-59-9

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + + + + + + + + + 15

** END OF REPORT **

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue