Test Type: 26-WEEK

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

CAS Number: 298-59-9

Date Report Requested: 10/17/2014 Time Report Requested: 22:21:23

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:

Removal Date Range:

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

Experiment Number: 95007-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Type: 26-WEEK **Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride) Route: DOSED FEED **CAS Number:** 298-59-9 Species/Strain: Mouse/P53(C57BL/6) DAY ON TEST *1* P53(C57BL/6) Mouse Male **9** 9 0 PPM ANIMAL ID Õ Õ Õ 1 2 5 1 2 4 6 7 9 2 *TOTALS **Alimentary System** Liver Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** Spleen **Integumentary System** NONE

Date Report Requested: 10/17/2014 Time Report Requested: 22:21:23

First Dose M/F: NA / NA

Lab: BAT

Musculoskeletal System

NONE
Nervous System

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 95007-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Route: DOSED FEED CAS Number: 298-59-9

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

Date Report Requested: 10/17/2014 Time Report Requested: 22:21:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST P53(C57BL/6) Mouse Male O PPM	0 1 6 9															
ANIMAL ID	0 0 1 2 1	0 0 1 2 2	0 0 1 2 3	0 0 1 2 4	0 0 1 2 5	0 0 1 2 6	0 0 1 2 7	0 0 1 2 8	0 0 1 2 9	0 0 1 3 0	0 0 1 3 1	0 0 1 3 2	0 0 1 3 3	0 0 1 3 4	0 0 1 3 5	*TOTALS

Respiratory System

Test Type: 26-WEEK

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Histiocytic Sarcoma								Χ								1
Lymphoma Malignant		Χ														1

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 26-WEEK

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Route: DOSED FEED CAS Number: 298-59-9

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

Date Report Requested: 10/17/2014
Time Report Requested: 22:21:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST P53(C57BL/6) Mouse Male 50 PPM	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	
ANIMAL ID	0 0 1 3 6	0 0 1 3 7	0 0 1 3 8	0 0 1 3 9	0 0 1 4 0	0 0 1 4	0 0 1 4 2	0 0 1 4 3	0 0 1 4 4	0 0 1 4 5	0 0 1 4 6	0 0 1 4 7	0 0 1 4 8	0 0 1 4 9	0 0 1 5 0	*TOTALS

Alimentary System

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

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 26-WEEK

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Route: DOSED FEED

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

CAS Number: 298-59-9

Date Report Requested: 10/17/2014 Time Report Requested: 22:21:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST P53(C57BL/6) Mouse Male 50 PPM	0 1 6 9															
ANIMAL ID	0 0 1 3 6	0 0 1 3 7	0 0 1 3 8	0 0 1 3 9	0 0 1 4 0	0 0 1 4 1	0 0 1 4 2	0 0 1 4 3	0 0 1 4 4	0 0 1 4 5	0 0 1 4 6	0 0 1 4 7	0 0 1 4 8	0 0 1 4 9	0 0 1 5 0	*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

15 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 95007-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Type: 26-WEEK **Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride) Route: DOSED FEED **CAS Number:** 298-59-9 Species/Strain: Mouse/P53(C57BL/6) DAY ON TEST *1* P53(C57BL/6) Mouse Male 5 **9** 250 PPM ANIMAL ID Õ Õ Õ Õ 5 1 5 4 3 5 7 8 9 *TOTALS **Alimentary System** Liver Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** Thymus **Integumentary System** NONE

Date Report Requested: 10/17/2014 Time Report Requested: 22:21:23

First Dose M/F: NA / NA

Lab: BAT

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

+ .. Tissue examined microscopically

Musculoskeletal System

NONE
Nervous System

NONE

X ..Lesion present

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Route: DOSED FEED

Test Type: 26-WEEK

CAS Number: 298-59-9

First Dose M/F: NA / NA

Date Report Requested: 10/17/2014

Time Report Requested: 22:21:23

Lab: BAT

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

DAY ON TEST P53(C57BL/6) Mouse Male 250 PPM	0 0 1 5	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	
ANIMAL ID	0 0 1 6 2	0 0 1 5 1	0 0 1 5 2	00153	0 0 1 5 4	0 0 1 5 5	0 0 1 5 6	0 0 1 5 7	0 0 1 5 8	0 0 1 5 9	0 0 1 6 0	0 0 1 6 1	0 0 1 6 3	0 0 1 6 4	00165	*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

15 Multiple Organ Lymphoma Malignant

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Type: 26-WEEK

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Route: DOSED FEED **CAS Number:** 298-59-9

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

DAY ON TEST *1* P53(C57BL/6) Mouse Male **9**

ANIMAL ID Õ Õ Õ Õ 7 0 7 3 7 2 6 . 7 7 5

*TOTALS

Alimentary System

500 PPM

Liver

Cardiovascular System

Heart

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 8

Date Report Requested: 10/17/2014 Time Report Requested: 22:21:23

First Dose M/F: NA / NA

Lab: BAT

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Route: DOSED FEED **CAS Number:** 298-59-9

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

Time Report Requested: 22:21:24

Date Report Requested: 10/17/2014

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST P53(C57BL/6) Mouse Male 500 PPM	0 1 6 9															
ANIMAL ID	0 0 1 6 6	0 0 1 6 7	0 0 1 6 8	0 0 1 6 9	0 0 1 7 0	0 0 1 7 1	0 0 1 7 2	0 0 1 7 3	0 0 1 7 4	0 0 1 7 5	0 0 1 7 6	0 0 1 7 7	0 0 1 7 8	0 0 1 7 9	0 0 1 8 0	*TOTALS

Respiratory System

Test Type: 26-WEEK

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

END OF MALE DATA

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

15

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 95007-02 Test Type: 26-WEEK

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Route: DOSED FEED **CAS Number:** 298-59-9

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

Time Report Requested: 22:21:24

Date Report Requested: 10/17/2014

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST P53(C57BL/6) Mouse Female 0 PPM	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9									
ANIMAL ID	0 0 1 8 1	0 0 1 8 2	0 0 1 8 3	0 0 1 8 4	0 0 1 8 5	0 0 1 8 6	0 0 1 8 7	0 0 1 8 8	0 0 1 8 9	0 0 1 9	0 0 1 9 1	0 0 1 9 2	0 0 1 9 3	0 0 1 9 4	0 0 1 9 5	*TOTALS

Alimentary System

15 Liver

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

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 26-WEEK

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Route: DOSED FEED

CAS Number: 298-59-9

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

Time Report Requested: 22:21:24 First Dose M/F: NA / NA

Date Report Requested: 10/17/2014

Lab: BAT

DAY ON TEST P53(C57BL/6) Mouse Female 0 PPM	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9									
ANIMAL ID	0 0 1 8 1	0 0 1 8 2	0 0 1 8 3	0 0 1 8 4	0 0 1 8 5	0 0 1 8 6	0 0 1 8 7	0 0 1 8 8	0 0 1 8 9	0 0 1 9	0 0 1 9	0 0 1 9 2	0 0 1 9 3	0 0 1 9 4	0 0 1 9 5	*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

15 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Type: 26-WEEK **Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride) Route: DOSED FEED **CAS Number:** 298-59-9 Species/Strain: Mouse/P53(C57BL/6) DAY ON TEST *1* P53(C57BL/6) Mouse Female **50 PPM** 0 2 0 0 ANIMAL ID 2 0 3 2 0 4 0 2 0 6 0 7 0 9 2 1 0 0 5 0 8 7 *TOTALS **Alimentary System** Liver **Pancreas** Х Acinus, Carcinoma Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE **Hematopoietic System** NONE **Integumentary System** Skin Musculoskeletal System

Experiment Number: 95007-02

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/17/2014

Time Report Requested: 22:21:24

First Dose M/F: NA / NA

Lab: BAT

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 26-WEEK **Test Compound:** Transgenic model evaluation (Methylphenidate hydrochloride) Route: DOSED FEED **CAS Number:** 298-59-9 Species/Strain: Mouse/P53(C57BL/6) DAY ON TEST *1 1* P53(C57BL/6) Mouse Female **50 PPM** 0 1 0 2 0 0 0 2 0 3 ANIMAL ID Ö Õ 2 0 2 0 7 2 0 2 2 0 6 0 9 2 1 0 0 5 0 8 7 *TOTALS **Nervous System** NONE **Respiratory System** NONE **Special Senses System**

Experiment Number: 95007-02

X .. Lesion present

Eye

NONE

Urinary System

SYSTEMIC LESIONS

Multiple Organ

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/17/2014 Time Report Requested: 22:21:24

First Dose M/F: NA / NA

Lab: BAT

 $^{^{\}star}\,$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Test Type: 26-WEEK Route: DOSED FEED

CAS Number: 298-59-9

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

AS Number: 298-59-9

Lab: BAT

Date Report Requested: 10/17/2014

Time Report Requested: 22:21:24

First Dose M/F: NA / NA

P53(C57BL/6) Mouse Female 250 PPM	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	0 1 6 9	ſ
ANIMAL ID	0 0 2 1	0 0 2 1 2	0 0 2 1 3	0 0 2 1 4	0 0 2 1 5	0 0 2 1 6	0 0 2 1 7	0 0 2 1 8	0 0 2 1 9	0 0 2 2 0	0 0 2 2	0 0 2 2 2	0 0 2 2 3	0 0 2 2 4	0 0 2 2 5	*TOTALS

Alimentary System

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

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Type: 26-WEEK

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Route: DOSED FEED

CAS Number: 298-59-9

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

Time Report Requested: 22:21:24

Date Report Requested: 10/17/2014

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST P53(C57BL/6) Mouse Female 250 PPM	0 1 6 9															
ANIMAL ID	0 0 2 1 1	0 0 2 1 2	0 0 2 1 3	0 0 2 1 4	0 0 2 1 5	0 0 2 1 6	0 0 2 1 7	0 0 2 1 8	0 0 2 1 9	0 0 2 2 0	0 0 2 2 1	0 0 2 2 2	0 0 2 2 3	0 0 2 2 4	0 0 2 2 5	*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

15 Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Type: 26-WEEK

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Route: DOSED FEED

CAS Number: 298-59-9

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

Date Report Requested: 10/17/2014 Time Report Requested: 22:21:24

First Dose M/F: NA / NA

Lab: BAT

P53(C57BL/6) Mouse Female 6 9	1 6 9	1 6 9	1 6 9	1 6 9	1 6 9	1 6 9	1 6 9	1 6 9	1 6 9	1 6 9	1 6 9	1 6 9	1 6 9	1 6 9	
ANIMAL ID 0 0 2 2 2	0 0 2 2	0 0 2 2	0 0 2 2	0 0 2 3	0 0 2 3	0 0 2 3	0 0 2 3	0 0 2 3	0 0 2 3	0 0 2 3	0 0 2 3	0 0 2 3 8	0 0 2 3	0 0 2 4	**********

Alimentary System

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

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Test Type: 26-WEEK

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Methylphenidate hydrochloride)

Route: DOSED FEED **CAS Number:** 298-59-9

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

Time Report Requested: 22:21:24 First Dose M/F: NA / NA

Date Report Requested: 10/17/2014

Lab: BAT

DAY ON TEST	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 00(001 DE/0) Mode i cinale	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
500 PPM	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIIVIAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

** END OF REPORT **

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

15

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically