

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

C Number:	C97011M
Lock Date:	03/31/1999
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: 97011-13

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014

Time Report Requested: 04:58:23

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-1

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Liver	* Skin	* Stomach, Forestomach	Thymus

OBSERVATIONS			
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-2

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-3

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-4

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-5

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Liver	* Skin	* Stomach, Forestomach	Thymus

OBSERVATIONS			
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-6

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Liver	* Skin	* Stomach, Forestomach	Thymus

OBSERVATIONS			
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-7

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Liver	* Skin	* Stomach, Forestomach	Thymus

OBSERVATIONS			
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-8

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-9

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-10

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 11	TRT#: 2	SEX: Male	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-11

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 12	TRT#: 2	SEX: Male	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-12

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 13	TRT#: 2	SEX: Male	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-13

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 14	TRT#: 2	SEX: Male	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-14

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 15	TRT#: 2	SEX: Male	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-15

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 16	TRT#: 2	SEX: Male	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-16

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Liver	* Skin	* Stomach, Forestomach	Thymus

OBSERVATIONS			
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 17	TRT#: 2	SEX: Male	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-17

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 18	TRT#: 2	SEX: Male	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-18

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 19	TRT#: 2	SEX: Male	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-19

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 20	TRT#: 2	SEX: Male	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-20

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 21	TRT#: 3	SEX: Male	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-21

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 22	TRT#: 3	SEX: Male	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-22

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Liver	Necrosis	Focal, Minimal
Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 23	TRT#: 3	SEX: Male	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-23

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 24	TRT#: 3	SEX: Male	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-24

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 25	TRT#: 3	SEX: Male	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-25

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 26	TRT#: 3	SEX: Male	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-26

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 27	TRT#: 3	SEX: Male	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-27

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 28	TRT#: 3	SEX: Male	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-28

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 29	TRT#: 3	SEX: Male	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-29

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 30	TRT#: 3	SEX: Male	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-30

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 31	TRT#: 4	SEX: Male	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-31

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 32	TRT#: 4	SEX: Male	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-32

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 33	TRT#: 4	SEX: Male	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-33

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
Thymus	Atrophy	Diffuse, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 34	TRT#: 4	SEX: Male	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-34

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Liver	* Skin	* Stomach, Forestomach	Thymus

OBSERVATIONS			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 35	TRT#: 4	SEX: Male	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-35

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 36	TRT#: 4	SEX: Male	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-36

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Epididymis		Developmental Malformation	Diffuse, Marked
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Note: Right epididymis aplasia.

[Developmental Malformation TGLS = 2-2]

Spleen		Hematopoietic Cell Proliferation	Mild
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Testes		Hypoplasia	Diffuse, Marked
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Note: Right testis aplasia.

[Hypoplasia TGLS = 1-2]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 37	TRT#: 4	SEX: Male	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-37

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 38	TRT#: 4	SEX: Male	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-38

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 39	TRT#: 4	SEX: Male	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-39

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 40	TRT#: 4	SEX: Male	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-40

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 41	TRT#: 5	SEX: Male	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-41

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	* Skin	* Stomach, Forestomach
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OBSERVATIONS

Kidney			
Note: TGL1 = NCL			
Liver	Centrilobular, Sinusoid	Dilatation	Focal, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
Thymus		Atrophy	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 42	TRT#: 5	SEX: Male	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-42

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Skin	* Stomach, Forestomach	Thymus	
OBSERVATIONS			
Liver	Centrilobular	Necrosis	Focal, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 43	TRT#: 5	SEX: Male	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-43

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 44	TRT#: 5	SEX: Male	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-44

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Moderate
Thymus	Atrophy	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 45	TRT#: 5	SEX: Male	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-45

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 46	TRT#: 5	SEX: Male	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-46

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 47	TRT#: 5	SEX: Male	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-47

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Moderate
Thymus	Atrophy	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 48	TRT#: 5	SEX: Male	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-48

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 49	TRT#: 5	SEX: Male	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-49

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 51	TRT#: 6	SEX: Male	DAY ON TEST: 14
	DOSE: 16.0 MG/KG	DISP: Natural Death	HISTO: MB361M-51

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver * Skin

MISSING

Thymus

OBSERVATIONS

Spleen	Lymph Follic	Depletion Cellular	Diffuse, Marked
* Stomach, Forestomach		Hyperkeratosis	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 53	TRT#: 6	SEX: Male	DAY ON TEST: 10
	DOSE: 16.0 MG/KG	DISP: Moribund Sacrifice	HISTO: MB361M-53

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach
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OBSERVATIONS

Spleen	Lymph Follic	Depletion Cellular	Diffuse, Marked
Thymus		Atrophy	Diffuse, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 54	TRT#: 6	SEX: Male	DAY ON TEST: 30
	DOSE: 16.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-54

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin * Stomach, Forestomach

OBSERVATIONS

Liver	Centrilobular, Sinusoid	Dilatation	Focal, Minimal
Spleen	Lymph Follic	Depletion Cellular	Diffuse, Moderate
		Hematopoietic Cell Proliferation	Marked
Testes	Bilateral	Hypoplasia	Diffuse, Marked
[Hypoplasia TGLS = 1-2]			
Thymus		Atrophy	Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 55	TRT#: 6	SEX: Male	DAY ON TEST: 26
	DOSE: 16.0 MG/KG	DISP: Moribund Sacrifice	HISTO: MB361M-55

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin * Stomach, Forestomach

OBSERVATIONS

Liver	Centrilobular, Sinusoid Periportal Hepatocyte, Periportal	Dilatation Necrosis Vacuolization Cytoplasmic	Focal, Minimal Focal, Minimal Focal, Mild
[Dilatation TGLS = 1-2]			
Spleen	Lymph Follic	Depletion Cellular Hematopoietic Cell Proliferation	Diffuse, Moderate Moderate
Thymus		Atrophy	Diffuse, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 56	TRT#: 6	SEX: Male	DAY ON TEST: 24
	DOSE: 16.0 MG/KG	DISP: Moribund Sacrifice	HISTO: MB361M-56

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

Liver	Midzonal Hepatocyte, Periportal	Necrosis Vacuolization Cytoplasmic	Focal, Moderate Focal, Marked
[Necrosis TGLS = 1-2]			
Spleen	Lymph Follic	Depletion Cellular	Diffuse, Marked
* Stomach, Forestomach		Hyperkeratosis	Diffuse, Minimal
Thymus		Atrophy	Diffuse, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 57	TRT#: 6	SEX: Male	DAY ON TEST: 30
	DOSE: 16.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-57

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	* Skin	* Stomach, Forestomach
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OBSERVATIONS

Kidney			
Note: TGL3 - NCL			
Liver	Centrilobular, Sinusoid	Dilatation	Focal, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-2]			
Thymus		Atrophy	Diffuse, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: Blood - thin, pale - NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 58	TRT#: 6	SEX: Male	DAY ON TEST: 9
	DOSE: 16.0 MG/KG	DISP: Moribund Sacrifice	HISTO: MB361M-58

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin
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OBSERVATIONS

Spleen	Lymph Follic	Depletion Cellular	Diffuse, Marked
* Stomach, Forestomach		Hyperkeratosis	Diffuse, Mild
Thymus		Atrophy	Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 59	TRT#: 6	SEX: Male	DAY ON TEST: 29
	DOSE: 16.0 MG/KG	DISP: Moribund Sacrifice	HISTO: MB361M-59

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Skin	* Stomach, Forestomach		
OBSERVATIONS			
Liver [Dilatation TGLS = 1-2]	Centrilobular, Sinusoid	Dilatation	Focal, Mild
Spleen	Lymph Follic	Depletion Cellular Hematopoietic Cell Proliferation Pigmentation	Diffuse, Moderate Moderate Minimal
Thymus		Atrophy	Diffuse, Marked

PRIMARY CAUSE OF DEATH	-
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Animal Note: Blood - thin, pale - NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 61	TRT#: 7	SEX: Female	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-61

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 62	TRT#: 7	SEX: Female	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-62

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Liver	Inflammation	Focal, Minimal
Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 63	TRT#: 7	SEX: Female	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-63

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Skin	* Stomach, Forestomach	Thymus	
OBSERVATIONS			
Liver	Centrilobular, Hepatocyte	Vacuolization Cytoplasmic	Focal, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 64	TRT#: 7	SEX: Female	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: NB361M-64

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 65	TRT#: 7	SEX: Female	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-65

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 66

TRT#: 7

SEX: Female

DAY ON TEST: 30

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB361M-66

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

* Skin

* Stomach, Forestomach

Thymus

OBSERVATIONS

Spleen

Hematopoietic Cell Proliferation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 67	TRT#: 7	SEX: Female	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-67

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 68	TRT#: 7	SEX: Female	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-68

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 69	TRT#: 7	SEX: Female	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-69

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 70	TRT#: 7	SEX: Female	DAY ON TEST: 30
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB361M-70

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 71	TRT#: 8	SEX: Female	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-71

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 72	TRT#: 8	SEX: Female	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-72

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 73	TRT#: 8	SEX: Female	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-73

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 74	TRT#: 8	SEX: Female	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-74

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 75	TRT#: 8	SEX: Female	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB371M-75

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 76	TRT#: 8	SEX: Female	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-76

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 77	TRT#: 8	SEX: Female	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-77

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 78	TRT#: 8	SEX: Female	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-78

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 79	TRT#: 8	SEX: Female	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-79

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 80	TRT#: 8	SEX: Female	DAY ON TEST: 30
	DOSE: 1.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-80

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 81	TRT#: 9	SEX: Female	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-81

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 82	TRT#: 9	SEX: Female	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-82

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 83	TRT#: 9	SEX: Female	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-83

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 84	TRT#: 9	SEX: Female	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-84

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 85	TRT#: 9	SEX: Female	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-85

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 86	TRT#: 9	SEX: Female	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-86

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 87	TRT#: 9	SEX: Female	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-87

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
-------	--------	------------------------	--------

OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
--------	----------------------------------	------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 88	TRT#: 9	SEX: Female	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-88

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 89	TRT#: 9	SEX: Female	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-89

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 90	TRT#: 9	SEX: Female	DAY ON TEST: 30
	DOSE: 2.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-90

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 91	TRT#: 10	SEX: Female	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-91

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
-------	--------	------------------------	--------

OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 92	TRT#: 10	SEX: Female	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-92

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 93	TRT#: 10	SEX: Female	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-93

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 94	TRT#: 10	SEX: Female	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-94

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 95	TRT#: 10	SEX: Female	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-95

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 96	TRT#: 10	SEX: Female	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-96

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 97	TRT#: 10	SEX: Female	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-97

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 98	TRT#: 10	SEX: Female	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-98

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 99	TRT#: 10	SEX: Female	DAY ON TEST: 30
	DOSE: 4.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-99

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 100

TRT#: 10

SEX: Female

DAY ON TEST: 30

DOSE: 4.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB361M-100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin * Stomach, Forestomach

OBSERVATIONS

Kidney [Inflammation TGLS = 3-3]	Bilateral	Inflammation	Chronic Active, Focal, Moderate
Liver	Hepatocyte	Hematopoietic Cell Proliferation Necrosis	Minimal Focal, Minimal
Spleen [Hematopoietic Cell Proliferation TGLS = 1-2]		Hematopoietic Cell Proliferation	Moderate
Thymus [Atrophy TGLS = 2-2]		Atrophy	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 101	TRT#: 11	SEX: Female	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin	* Stomach, Forestomach	Thymus	
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OBSERVATIONS

Liver		Necrosis	Focal, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 102	TRT#: 11	SEX: Female	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Liver	* Skin	* Stomach, Forestomach	Thymus
OBSERVATIONS			
Spleen		Hematopoietic Cell Proliferation	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 103

TRT#: 11

SEX: Female

DAY ON TEST: 30

DOSE: 8.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB361M-103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

* Skin

* Stomach, Forestomach

Thymus

OBSERVATIONS

Spleen

Hematopoietic Cell Proliferation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 104	TRT#: 11	SEX: Female	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 105	TRT#: 11	SEX: Female	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Liver	* Skin	* Stomach, Forestomach
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OBSERVATIONS

Kidney			
Note: TGL2 - NCL			
Liver			
Note: TGL3 - NCL			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Diffuse, Marked

PRIMARY CAUSE OF DEATH -

Animal Note: Blood - thin - NST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 106

TRT#: 11

SEX: Female

DAY ON TEST: 30

DOSE: 8.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB361M-106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

* Skin

* Stomach, Forestomach

Thymus

OBSERVATIONS

Spleen

Hematopoietic Cell Proliferation

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 107

TRT#: 11
DOSE: 8.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 30
HISTO: MB361M-107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
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OBSERVATIONS

Spleen	Lymph Follic	Depletion Cellular Hematopoietic Cell Proliferation	Diffuse, Moderate Mild
Thymus			

Note: TGL1 - NCL

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 108	TRT#: 11	SEX: Female	DAY ON TEST: 30
	DOSE: 8.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin	* Stomach, Forestomach	Thymus
--------	------------------------	--------

OBSERVATIONS

Liver	Hematopoietic Cell Proliferation	Minimal
Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 109

TRT#: 11

SEX: Female

DAY ON TEST: 30

DOSE: 8.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB361M-109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

* Skin

* Stomach, Forestomach

Thymus

OBSERVATIONS

Spleen

Hematopoietic Cell Proliferation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 110

TRT#: 11
DOSE: 8.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 30
HISTO: MB361M-110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach	Thymus
-------	--------	------------------------	--------

OBSERVATIONS

Spleen	Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 111	TRT#: 12	SEX: Female	DAY ON TEST: 7
	DOSE: 16.0 MG/KG	DISP: Natural Death	HISTO: MB361M-111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

AUTO PRECLUDES DIAG.

Liver	Spleen	Thymus
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OBSERVATIONS

* Stomach, Forestomach	Epithelium	Degeneration Hyperkeratosis	Focal, Moderate Diffuse, Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 112	TRT#: 12	SEX: Female	DAY ON TEST: 8
	DOSE: 16.0 MG/KG	DISP: Moribund Sacrifice	HISTO: MB361M-112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Liver
* Skin			

MISSING

Thymus

OBSERVATIONS

Int Sm Duoden			
Note: TGL1 - NCL			
Int Sm Ileum			
Note: TGL3 - NCL			
Int Sm Jejunum			
Note: TGL2 - NCL			
Spleen	Lymph Follic	Depletion Cellular Hematopoietic Cell Proliferation Hyperkeratosis	Diffuse, Marked Minimal Diffuse, Minimal
* Stomach, Forestomach			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 30

DOSE: 16.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB361M-113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

* Skin

* Stomach, Forestomach

Thymus

OBSERVATIONS

Spleen

Hematopoietic Cell Proliferation

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 30

DOSE: 16.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB361M-114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin * Stomach, Forestomach

OBSERVATIONS

Liver	Centrilobular, Sinusoid	Dilatation	Focal, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-2]		
Thymus		Atrophy	Diffuse, Mild
	[Atrophy TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 30

DOSE: 16.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB361M-115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	* Skin	* Stomach, Forestomach
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OBSERVATIONS

Spleen	Lymph Follic	Depletion Cellular Hematopoietic Cell Proliferation	Diffuse, Moderate Mild
Thymus		Atrophy	Diffuse, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 30

DOSE: 16.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB361M-116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

* Skin

* Stomach, Forestomach

Thymus

OBSERVATIONS

Spleen

Hematopoietic Cell Proliferation

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 30

DOSE: 16.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB361M-117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver * Skin * Stomach, Forestomach

OBSERVATIONS

Spleen Lymph Follic Depletion Cellular Diffuse, Moderate
Hematopoietic Cell Proliferation Minimal
Pigmentation Mild
Thymus Atrophy Diffuse, Marked
[Atrophy TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 30

DOSE: 16.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB361M-118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

* Skin

* Stomach, Forestomach

Thymus

OBSERVATIONS

Spleen

Hematopoietic Cell Proliferation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 30

DOSE: 16.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB361M-119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

* Stomach, Forestomach

OBSERVATIONS

Liver

Centrilobular, Sinusoid

Dilatation

Focal, Minimal

Spleen

Hematopoietic Cell Proliferation

Moderate

Thymus

Atrophy

Diffuse, Moderate

[Atrophy TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-13
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Melphalan)
CAS Number: 148-82-3

Date Report Requested: 10/20/2014
Time Report Requested: 04:58:23
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 120	TRT#: 12	SEX: Female	DAY ON TEST: 30
	DOSE: 16.0 MG/KG	DISP: Terminal Sacrifice	HISTO: MB361M-120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	* Skin	* Stomach, Forestomach
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OBSERVATIONS

Kidney			
Note: TGL2 - NCL			
Liver	Hepatocyte	Vacuolization Cytoplasmic	Diffuse, Moderate
[Vacuolization Cytoplasmic TGLS = 3-3]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus		Atrophy	Diffuse, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: Blood - thin - NST

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE