

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

C Number:	C97011G
Lock Date:	07/19/2001
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: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Lymph Node, Mesenteric
* Skin
* Thymus

* Adrenal Medulla
* Kidney
* Pituitary Gland
* Spleen
* Thyroid Gland

Coagulating Gland
* Lung
* Prostate
* Stomach, Forestomach

* Epididymis
* Lymph Node
* Seminal Vesicle
* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Liver
* Lymph Node, Mandibular

Inflammation
Hyperplasia

Granulomatous, Minimal
Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 332

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Lymph Node, Mesenteric
* Skin
* Thyroid Gland

* Adrenal Medulla
* Liver
* Pituitary Gland
* Spleen

Coagulating Gland
* Lymph Node
* Prostate
* Stomach, Forestomach

* Heart
* Lymph Node, Mandibular
* Seminal Vesicle
* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis
Note: Epididymal degeneration = aspermia, increased cellular debris
* Lung
* Testes
[Atrophy TGLS = 1-5]

Degeneration
Inflammation
Atrophy
Cyst

Moderate
Chronic, Focal, Minimal
Moderate
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 333

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Lymph Node
* Prostate
* Stomach, Forestomach

* Adrenal Medulla
* Kidney
* Lymph Node, Mandibular
* Seminal Vesicle
* Thymus

Coagulating Gland
* Liver
* Lymph Node, Mesenteric
* Skin
* Thyroid Gland

* Epididymis
* Lung
* Pituitary Gland
* Spleen

MISSING

* Mammary Gland

OBSERVATIONS

* Testes Germinal Epith Atrophy Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 334

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Coagulating Gland	* Epididymis
* Heart	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 335	TRT#: 1 DOSE: 0 UG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 193 HISTO: 9907845
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Coagulating Gland	* Heart
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland		

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Degeneration	Moderate
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Prostate	Epithelium	Cytoplasmic Alteration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (DES)

CAS Number: 56-53-1

Date Report Requested: 10/22/2014

Time Report Requested: 17:57:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 336

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Lymph Node, Mandibular
* Skin
* Thymus

* Adrenal Medulla
* Liver
* Lymph Node, Mesenteric
* Spleen
* Thyroid Gland

Coagulating Gland
* Lung
* Pituitary Gland
* Stomach, Forestomach

* Epididymis
* Lymph Node
* Seminal Vesicle
* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Inflammation	Chronic, Focal, Minimal
* Prostate	Epithelium	Cytoplasmic Alteration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 337

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Lymph Node, Mandibular
* Skin
* Thymus

* Adrenal Medulla
* Kidney
* Lymph Node, Mesenteric
* Spleen
* Thyroid Gland

Coagulating Gland
* Lung
* Pituitary Gland
* Stomach, Forestomach

* Epididymis
* Lymph Node
* Seminal Vesicle
* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Inflammation	Granulomatous, Minimal
* Prostate	Epithelium	Cytoplasmic Alteration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 338

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Coagulating Gland	* Epididymis
* Heart	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Inflammation	Granulomatous, Minimal
* Skin	Epidermis, SOA	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 339

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Lymph Node, Mandibular
* Seminal Vesicle
* Thymus

* Adrenal Medulla
* Kidney
* Lymph Node, Mesenteric
* Spleen
* Thyroid Gland

Coagulating Gland
* Lung
* Pituitary Gland
* Stomach, Forestomach

* Epididymis
* Lymph Node
* Prostate
* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Liver
* Skin

Epidermis, SOA
Dermis, SOA, Subcut Tiss

Inflammation
Hyperplasia
Infiltration Cellular

Granulomatous, Minimal
Minimal
Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 340	TRT#: 1	SEX: Male	DAY ON TEST: 193
	DOSE: 0 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	Coagulating Gland
* Heart	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland		

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Degeneration	Moderate
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Liver		Inflammation	Granulomatous, Minimal
* Testes	Germinal Epith	Atrophy	Minimal
[Atrophy TGLS = 1-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 341

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Coagulating Gland	* Epididymis
* Heart	* Kidney	* Liver	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-7]			
* Prostate	Epithelium	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (DES)

CAS Number: 56-53-1

Date Report Requested: 10/22/2014

Time Report Requested: 17:57:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 342

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Heart
- * Lymph Node, Mandibular
- * Skin
- * Thymus

- * Adrenal Medulla
- * Kidney
- * Lymph Node, Mesenteric
- * Spleen
- * Thyroid Gland

- Coagulating Gland
- * Liver
- * Pituitary Gland
- * Stomach, Forestomach

- * Epididymis
- * Lymph Node
- * Seminal Vesicle
- * Testes

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------|------------|------------------------|-------------------------|
| * Lung | | Inflammation | Chronic, Focal, Minimal |
| * Prostate | Epithelium | Cytoplasmic Alteration | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 343

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Heart
* Lymph Node, Mandibular
* Seminal Vesicle
* Thymus

* Adrenal Medulla
* Kidney
* Lymph Node, Mesenteric
* Skin
* Thyroid Gland

Coagulating Gland
* Liver
* Pituitary Gland
* Stomach, Forestomach

* Epididymis
* Lymph Node
* Prostate
* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Lung		Inflammation	Chronic, Focal, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 344

TRT#: 1

SEX: Male

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Coagulating Gland	* Epididymis
* Heart	* Kidney	* Liver	* Lung
* Lymph Node	* Lymph Node, Mesenteric	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Prostate	Epithelium	Cytoplasmic Alteration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 345	TRT#: 1 DOSE: 0 UG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 193 HISTO: 9907855
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Coagulating Gland	* Epididymis
* Heart	* Kidney	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Basophilic Focus	
* Prostate	Epithelium	Cytoplasmic Alteration	Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 346

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Heart	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Stomach, Forestomach	* Thymus	* Thyroid Gland	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Minimal
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Liver	Centrilobular, Midzonal	Hypertrophy	Mild
		Inflammation	Granulomatous, Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 2-2]		
* Prostate		Atrophy	Minimal
	[Atrophy TGLS = 3-5]		
* Seminal Vesicle		Atrophy	Marked
	[Atrophy TGLS = 4-5]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Testes	Germinal Epith	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 346

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907856

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hypertrophy

Marked

Interstit Cell

Pigmentation

Marked

Interstit Cell

Syncytial Alteration

Marked

Interstit Cell

Vacuolization Cytoplasmic

Marked

[Pigmentation TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 347 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 193
DOSE: 480 UG/KG **DISP:** Terminal Sacrifice **HISTO:** 9907857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach
* Thymus			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Mild
Note: Epididymal degeneration = aspermia, increased cellular debris			
[Degeneration TGLS = 2-5]			
* Kidney	Renal Tubule	Cyst	Minimal
* Liver	Centrilobular, Midzonal	Hypertrophy	Moderate
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-2]			
* Prostate		Atrophy	Marked
[Atrophy TGLS = 3-5]			
* Seminal Vesicle		Atrophy	Marked
[Atrophy TGLS = 4-5]			
* Skin	Control	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
* Testes	Germinal Epith	Atrophy	Mild
	Interstitial Cell	Hypertrophy	Mild
	Interstitial Cell	Pigmentation	Mild
	Interstitial Cell	Syncytial Alteration	Minimal
	Interstitial Cell	Vacuolization Cytoplasmic	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 347

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907857

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 1-5]

* Thyroid Gland

Hyperplasia

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 348 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 193
DOSE: 480 UG/KG **DISP:** Terminal Sacrifice **HISTO:** 9907858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Heart	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Minimal
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Liver	Centrilobular, Midzonal	Hypertrophy	Mild
		Inflammation	Granulomatous, Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-2]			
* Prostate		Atrophy	Marked
* Seminal Vesicle		Atrophy	Marked
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
* Testes	Germinal Epith	Atrophy	Mild
	Interstit Cell	Hypertrophy	Moderate
	Interstit Cell	Pigmentation	Moderate
	Interstit Cell	Syncytial Alteration	Moderate
	Interstit Cell	Vacuolization Cytoplasmic	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 348

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907858

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349

TRT#: 3

SEX: Male

DAY ON TEST: 117

DOSE: 480 UG/KG

DISP: Natural Death

HISTO: 9907859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Heart	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Prostate
* Stomach, Forestomach	* Thyroid Gland		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
Coagulating Gland	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Kidney		Metaplasia	Squamous, Marked
[Hydronephrosis TGLS = 5-3+4]		Hydronephrosis	Moderate
* Liver	Centrilobular, Midzonal	Hypertrophy	Moderate
		Inflammation	Granulomatous, Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
[Hyperplasia TGLS = 4-2]	Pars Distalis	Hyperplasia	Moderate
* Seminal Vesicle		Atrophy	Marked
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
[Inflammation TGLS = 1-7]	Prepuce	Inflammation	Suppurative, Marked
* Spleen	Lymph Follic	Atrophy	Moderate
* Testes	Germinal Epith	Atrophy	Minimal
	Interstit Cell	Hypertrophy	Mild
	Interstit Cell	Pigmentation	Mild
	Interstit Cell	Syncytial Alteration	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349

TRT#: 3

SEX: Male

DAY ON TEST: 117

DOSE: 480 UG/KG

DISP: Natural Death

HISTO: 9907859

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Interstit Cell	Vacuolization Cytoplasmic	Mild
Urinary Bladder		Atrophy	Moderate
Note: Urinary bladder cyst = dilation. [Cyst TGLS = 3-8]		Cyst	Marked

PRIMARY CAUSE OF DEATH - Urinary Bladder Cyst

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350	TRT#: 3	SEX: Male	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Moderate
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Liver	Centrilobular, Midzonal	Hypertrophy	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 3-2]		
* Prostate		Atrophy	Marked
	[Atrophy TGLS = 1-5]		
* Seminal Vesicle		Atrophy	Marked
	[Atrophy TGLS = 2-5]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
* Testes	Germinal Epith	Atrophy	Moderate
	Interstitial Cell	Hypertrophy	Moderate
	Interstitial Cell	Pigmentation	Moderate
	Interstitial Cell	Syncytial Alteration	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907860

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Vacuolization Cytoplasmic

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 351	TRT#: 3 DOSE: 480 UG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 78 HISTO: 9907861
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul Zona Reticul Zona Reticul Zona Reticul	Hypertrophy Pigmentation Syncytial Alteration Vacuolization Cytoplasmic	Moderate Moderate Moderate Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration Fibrosis	Minimal Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Kidney		Hydronephrosis	Moderate
* Liver	Centrilobular, Midzonal	Hypertrophy	Minimal
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis Pars Distalis	Cytoplasmic Alteration Hyperplasia	Mild Mild
* Prostate		Atrophy	Minimal
* Seminal Vesicle		Atrophy	Marked
* Skin	Dermis, SOA, Subcut Tiss Control SOA Dermis, SOA, Subcut Tiss	Edema Hyperkeratosis Hyperkeratosis Infiltration Cellular	Minimal Minimal Minimal Mononuclear CI, Minimal
* Testes	Germinal Epith Interstitial Cell Interstitial Cell Interstitial Cell	Atrophy Hypertrophy Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Minimal Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Kidney Hydronephrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 352	TRT#: 3	SEX: Male	DAY ON TEST: 156
	DOSE: 480 UG/KG	DISP: Moribund Sacrifice	HISTO: 9907862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Spleen	* Thyroid Gland	

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Moderate
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris [Degeneration TGLS = 4-5]			
* Kidney		Casts Protein	Minimal
		Hydronephrosis	Moderate
	Renal Tubule	Hyperplasia	Focal, Minimal
[Hydronephrosis TGLS = 2-3+4]			
* Liver	Centrilobular, Midzonal	Hypertrophy	Mild
		Inflammation	Granulomatous, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Mild
* Prostate		Atrophy	Marked
* Seminal Vesicle		Atrophy	Marked
[Atrophy TGLS = 5-7]			
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Diffuse, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 352	TRT#: 3	SEX: Male	DAY ON TEST: 156
	DOSE: 480 UG/KG	DISP: Moribund Sacrifice	HISTO: 9907862

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hypertrophy	Minimal
	Interstit Cell	Pigmentation	Minimal
	Interstit Cell	Syncytial Alteration	Minimal
	Interstit Cell	Vacuolization Cytoplasmic	Minimal
[Atrophy TGLS = 3-5]			
* Thymus		Atrophy	Moderate
Urinary Bladder		Cyst	Marked
Note: Urinary bladder cyst = dilation.			
[Cyst TGLS = 1-8]			

PRIMARY CAUSE OF DEATH - Urinary Bladder Cyst

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Prostate
* Thymus	* Thyroid Gland		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Mild
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Liver	Centrilobular, Midzonal	Hypertrophy	Mild
		Inflammation	Granulomatous, Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-2]			
Preputial Gland		Atrophy	Mild
	Duct	Hyperplasia	Moderate
[Atrophy TGLS = 5-7]			
* Seminal Vesicle		Atrophy	Marked
[Atrophy TGLS = 2-5]			
* Skin	Control	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Diffuse, Minimal
* Testes	Germinal Epith	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907863

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hypertrophy

Moderate

Interstit Cell

Pigmentation

Moderate

Interstit Cell

Syncytial Alteration

Moderate

Interstit Cell

Vacuolization Cytoplasmic

Moderate

[Atrophy TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354	TRT#: 3	SEX: Male	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Moderate
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Kidney		Hydronephrosis	Moderate
	[Hydronephrosis TGLS = 6-4]		
* Liver	Centrilobular, Midzonal	Hypertrophy	Mild
		Inflammation	Granulomatous, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 7-2]		
Preputial Gland		Atrophy	Mild
	Duct	Hyperplasia	Moderate
	[Atrophy TGLS = 1-7]		
* Prostate		Atrophy	Minimal
	[Atrophy TGLS = 3-5]		
* Seminal Vesicle		Atrophy	Marked
	[Atrophy TGLS = 4-5]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907864

ORGAN AND ACCOUNTABLE SITE STATUS

	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Germinal Epith	Atrophy	Moderate
	Interstit Cell	Hypertrophy	Marked
	Interstit Cell	Pigmentation	Moderate
	Interstit Cell	Syncytial Alteration	Mild
	Interstit Cell	Vacuolization Cytoplasmic	Marked

[Atrophy TGLS = 2-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355	TRT#: 3	SEX: Male	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Stomach, Forestomach
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Marked
	Zona Reticul	Pigmentation	Marked
	Zona Reticul	Syncytial Alteration	Marked
	Zona Reticul	Vacuolization Cytoplasmic	Marked
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Moderate
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Liver	Centrilobular, Midzonal	Clear Cell Focus	
		Hypertrophy	Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-2]			
Preputial Gland		Atrophy	Mild
	Duct	Hyperplasia	Moderate
[Atrophy TGLS = 5-7]			
* Prostate		Atrophy	Marked
[Atrophy TGLS = 2-5]			
* Seminal Vesicle		Atrophy	Marked
[Atrophy TGLS = 1-5]			
* Skin	Dermis, SOA, Subcut Tiss	Edema	Mild
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907865

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Germinal Epith	Atrophy	Moderate
	Interstit Cell	Hypertrophy	Moderate
	Interstit Cell	Pigmentation	Moderate
	Interstit Cell	Syncytial Alteration	Moderate
	Interstit Cell	Vacuolization Cytoplasmic	Moderate

[Pigmentation TGLS = 4-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356	TRT#: 3	SEX: Male	DAY ON TEST: 133
	DOSE: 480 UG/KG	DISP: Natural Death	HISTO: 9907866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Heart	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Stomach, Forestomach
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Mild
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Kidney		Hydronephrosis	Moderate
	[Hydronephrosis TGLS = 4-3+4]		
* Liver	Centrilobular, Midzonal	Hypertrophy	Mild
		Inflammation	Granulomatous, Minimal
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Mild
* Prostate		Atrophy	Mild
* Seminal Vesicle		Atrophy	Marked
	[Atrophy TGLS = 5-8]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
	Prepuce	Inflammation	Acute, Marked
	[Inflammation TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Germinal Epith	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356

TRT#: 3

SEX: Male

DAY ON TEST: 133

DOSE: 480 UG/KG

DISP: Natural Death

HISTO: 9907866

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hypertrophy

Mild

Interstit Cell

Pigmentation

Moderate

Interstit Cell

Syncytial Alteration

Mild

Interstit Cell

Vacuolization Cytoplasmic

Mild

[Atrophy TGLS = 2-5]

* Thymus

Atrophy

Mild

Urinary Bladder

Cyst

Marked

Note: Urinary bladder cyst = dilated.

[Cyst TGLS = 3-7]

PRIMARY CAUSE OF DEATH

- Urinary Bladder Cyst

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 357	TRT#: 3	SEX: Male	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Thymus	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Moderate
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Liver	Centrilobular, Midzonal	Hypertrophy	Mild
		Inflammation	Granulomatous, Minimal
		Necrosis	Focal, Mild
			[Necrosis TGLS = 6-8]
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
			[Hyperplasia TGLS = 5-2]
Preputial Gland		Atrophy	Mild
	Duct	Hyperplasia	Moderate
			[Atrophy TGLS = 2-7]
* Prostate		Atrophy	Moderate
			[Atrophy TGLS = 4-5]
* Seminal Vesicle		Atrophy	Marked
			[Atrophy TGLS = 3-5]
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 357

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907867

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Lymph Follic	Hyperplasia	Minimal
* Testes	Epithelium	Hyperplasia	Diffuse, Minimal
	Germinal Epith	Atrophy	Moderate
	Interstit Cell	Hypertrophy	Moderate
	Interstit Cell	Pigmentation	Moderate
	Interstit Cell	Syncytial Alteration	Moderate
	Interstit Cell	Vacuolization Cytoplasmic	Moderate
	[Atrophy TGLS = 7-5]		
	[Pigmentation TGLS = 1-5]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 358	TRT#: 3	SEX: Male	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Moderate
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Kidney		Hydronephrosis	Moderate
	[Hydronephrosis TGLS = 6-3+4]		
* Liver	Centrilobular, Midzonal	Hypertrophy	Mild
		Inflammation	Granulomatous, Minimal
		Necrosis	Focal, Moderate
	[Necrosis TGLS = 4-7]		
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 5-2]		
Preputial Gland		Atrophy	Mild
	Duct	Hyperplasia	Moderate
	[Atrophy TGLS = 7-8]		
* Prostate		Atrophy	Marked
	[Atrophy TGLS = 2-5]		
* Seminal Vesicle		Atrophy	Marked
	[Atrophy TGLS = 3-5]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 358

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907868

ORGAN AND ACCOUNTABLE SITE STATUS

	SOA	Hyperkeratosis	Minimal
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
* Testes	Germinal Epith	Atrophy	Moderate
	Interstit Cell	Hypertrophy	Moderate
	Interstit Cell	Pigmentation	Moderate
	Interstit Cell	Syncytial Alteration	Moderate
	Interstit Cell	Vacuolization Cytoplasmic	Moderate
[Atrophy TGLS = 1-5]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 359 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 193
DOSE: 480 UG/KG **DISP:** Terminal Sacrifice **HISTO:** 9907869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Moderate
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Liver		Necrosis	Focal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Marked
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-2]			
Preputial Gland		Atrophy	Mild
	Duct	Hyperplasia	Moderate
[Atrophy TGLS = 6-7]			
* Prostate		Atrophy	Marked
[Atrophy TGLS = 2-5]			
* Seminal Vesicle		Atrophy	Marked
[Atrophy TGLS = 3-5]			
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
* Testes	Germinal Epith	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 359

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907869

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hypertrophy

Moderate

Interstit Cell

Pigmentation

Moderate

Interstit Cell

Syncytial Alteration

Mild

Interstit Cell

Vacuolization Cytoplasmic

Moderate

[Atrophy TGLS = 1-5]

* Thymus

Atrophy

Moderate

[Atrophy TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360	TRT#: 3	SEX: Male	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
Coagulating Gland		Metaplasia	Squamous, Marked
* Epididymis		Degeneration	Minimal
		Fibrosis	Minimal
Note: Epididymal degeneration = aspermia, increased cellular debris			
* Liver	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-2]			
Preputial Gland		Atrophy	Moderate
	Duct	Hyperplasia	Moderate
[Atrophy TGLS = 5-7]			
* Prostate		Atrophy	Marked
[Atrophy TGLS = 3-5]			
* Seminal Vesicle		Atrophy	Marked
[Atrophy TGLS = 2-5]			
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360

TRT#: 3

SEX: Male

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907870

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Germinal Epith	Atrophy	Mild
	Interstit Cell	Hypertrophy	Mild
	Interstit Cell	Pigmentation	Mild
	Interstit Cell	Syncytial Alteration	Minimal
	Interstit Cell	Vacuolization Cytoplasmic	Mild

[Atrophy TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 361

TRT#: 2
DOSE: 0 UG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 193
HISTO: 9907871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
Oviduct	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Uterus

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Liver		Inflammation	Granulomatous, Minimal
* Ovary		Cyst	Mild

[Cyst TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 362

TRT#: 2

SEX: Female

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular Oviduct	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Stomach, Forestomach	* Pituitary Gland	* Skin	* Spleen
	* Thymus	* Thyroid Gland	* Uterus

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Minimal
	Zona Reticul	Pigmentation	Minimal
	Zona Reticul	Syncytial Alteration	Minimal
	Zona Reticul	Vacuolization Cytoplasmic	Minimal
* Kidney		Casts Protein	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 363	TRT#: 2 DOSE: 0 UG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 193 HISTO: 9907873
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	Oviduct	* Pituitary Gland	* Skin
* Spleen	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Mild
	Zona Reticul	Pigmentation	Mild
	Zona Reticul	Syncytial Alteration	Mild
	Zona Reticul	Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Granulomatous, Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Diffuse, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 364

TRT#: 2
DOSE: 0 UG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 193
HISTO: 9907874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	Oviduct	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland

MISSING

* Lymph Node

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Minimal
	Zona Reticul	Pigmentation	Minimal
	Zona Reticul	Syncytial Alteration	Minimal
	Zona Reticul	Vacuolization Cytoplasmic	Minimal
* Kidney		Casts Protein	Minimal
		Infarct	Mild
		Inflammation	Chronic Active, Moderate
* Liver		Inflammation	Granulomatous, Minimal
* Lung		Inflammation	Chronic, Focal, Mild
* Lymph Node			
Note: Mediastinal lymph node was unavailable for processing			
* Pituitary Gland		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365	TRT#: 2	SEX: Female	DAY ON TEST: 193
	DOSE: 0 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
Oviduct	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Minimal
	Zona Reticul	Pigmentation	Minimal
	Zona Reticul	Syncytial Alteration	Minimal
	Zona Reticul	Vacuolization Cytoplasmic	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 366

TRT#: 2
DOSE: 0 UG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 193
HISTO: 9907876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	Oviduct
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Minimal
	Zona Reticul	Pigmentation	Minimal
	Zona Reticul	Syncytial Alteration	Minimal
	Zona Reticul	Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Pituitary Gland		Cyst	Minimal
	Pars Distalis	Degeneration	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 367

TRT#: 2

SEX: Female

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	Oviduct
* Pituitary Gland	* Skin	* Spleen	* Thymus
* Thyroid Gland			

MISSING

* Lymph Node

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Mild
	Zona Reticul	Pigmentation	Mild
	Zona Reticul	Syncytial Alteration	Mild
	Zona Reticul	Vacuolization Cytoplasmic	Mild
* Kidney		Casts Protein	Minimal
	Renal Tubule	Hyperplasia	Focal, Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Lymph Node			
Note: Mediastinal lymph node was unavailable for processing.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Diffuse, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 368	TRT#: 2 DOSE: 0 UG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 193 HISTO: 9907878
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	Oviduct
* Pituitary Gland	* Skin	* Spleen	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Minimal
	Zona Reticul	Pigmentation	Minimal
	Zona Reticul	Syncytial Alteration	Minimal
	Zona Reticul	Vacuolization Cytoplasmic	Minimal
* Kidney	Renal Tubule	Hyperplasia	Focal, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 1-5]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Diffuse, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 369	TRT#: 2 DOSE: 0 UG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 193 HISTO: 9907879
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Liver	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	Oviduct	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Minimal
	Zona Reticul	Pigmentation	Minimal
	Zona Reticul	Syncytial Alteration	Minimal
	Zona Reticul	Vacuolization Cytoplasmic	Minimal
* Kidney		Casts Protein	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 370

TRT#: 2
DOSE: 0 UG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 193
HISTO: 9907880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	Oviduct	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Mild
	Zona Reticul	Pigmentation	Mild
	Zona Reticul	Syncytial Alteration	Mild
	Zona Reticul	Vacuolization Cytoplasmic	Mild
* Liver		Inflammation	Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 371	TRT#: 2 DOSE: 0 UG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 193 HISTO: 9907881
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
Oviduct	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Mild
	Zona Reticul	Pigmentation	Mild
	Zona Reticul	Syncytial Alteration	Mild
	Zona Reticul	Vacuolization Cytoplasmic	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Pituitary Gland		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 372	TRT#: 2	SEX: Female	DAY ON TEST: 172
	DOSE: 0 UG/KG	DISP: Natural Death	HISTO: 9907882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Liver
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	Oviduct	* Pituitary Gland	* Skin
* Thyroid Gland	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Mild
	Zona Reticul	Pigmentation	Mild
	Zona Reticul	Syncytial Alteration	Mild
	Zona Reticul	Vacuolization Cytoplasmic	Mild
* Ovary	Corpus Luteum	Atrophy	Mild
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Diffuse, Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 373

TRT#: 2
DOSE: 0 UG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 193
HISTO: 9907883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Liver
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	Oviduct	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Mild
	Zona Reticul	Pigmentation	Mild
	Zona Reticul	Syncytial Alteration	Mild
	Zona Reticul	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 374

TRT#: 2

SEX: Female

DAY ON TEST: 193

DOSE: 0 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Lymph Node, Mesenteric
* Pituitary Gland
* Thyroid Gland

* Heart
* Mammary Gland
* Spleen

* Lymph Node
* Ovary
* Stomach, Forestomach

* Lymph Node, Mandibular
Oviduct
* Thymus

OBSERVATIONS

* Adrenal Cortex

Zona Reticul
Zona Reticul
Zona Reticul
Zona Reticul

Hypertrophy
Pigmentation
Syncytial Alteration
Vacuolization Cytoplasmic

Minimal
Minimal
Minimal
Minimal

* Kidney

Casts Protein

Minimal

* Liver

Inflammation

Granulomatous, Minimal

* Lung

Inflammation

Chronic, Focal, Minimal

* Skin

Control, Epidermis

Hyperplasia

Minimal

* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 375	TRT#: 2 DOSE: 0 UG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 193 HISTO: 9907885
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	Oviduct	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Minimal
	Zona Reticul	Pigmentation	Minimal
	Zona Reticul	Syncytial Alteration	Minimal
	Zona Reticul	Vacuolization Cytoplasmic	Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 376 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 193
DOSE: 480 UG/KG **DISP:** Terminal Sacrifice **HISTO:** 9907886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Mild
	Zona Reticul	Pigmentation	Mild
	Zona Reticul	Syncytial Alteration	Mild
	Zona Reticul	Vacuolization Cytoplasmic	Mild
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Mammary Gland		Hyperplasia	Mild
* Ovary	Corpus Luteum	Atrophy	Moderate
Oviduct	Epithelium	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLS = 1-2]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 377	TRT#: 4	SEX: Female	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Kidney		Casts Protein	Minimal
	Renal Tubule	Hyperplasia	Focal, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Ovary	Corpus Luteum	Atrophy	Marked
		Cyst	Moderate
	[Cyst TGLS = 1-5]		
	Oviduct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLS = 2-2]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Diffuse, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 378

TRT#: 4

SEX: Female

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach
* Thyroid Gland			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Kidney		Casts Protein	Minimal
	Renal Tubule	Cyst	Minimal
	Renal Tubule	Hyperplasia	Focal, Minimal
* Liver	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Mammary Gland		Hyperplasia	Mild
* Ovary	Corpus Luteum	Atrophy	Moderate
		Cyst	Mild
	[Cyst TGLS = 1-5]		
	Oviduct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 2-2]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
	Control	Parakeratosis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 379

TRT#: 4

SEX: Female

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Stomach, Forestomach	* Thymus	* Thyroid Gland

MISSING

* Lymph Node

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Kidney		Casts Protein	Minimal
* Liver	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Lymph Node			
Note: Mediastinal lymph node was unavailable for processing			
* Mammary Gland		Hyperplasia	Minimal
* Ovary	Corpus Luteum	Atrophy	Moderate
Oviduct	Epithelium	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 1-2]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 380	TRT#: 4	SEX: Female	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lymph Node
* Lymph Node, Mesenteric	* Stomach, Forestomach	* Thymus	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Liver	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary	Corpus Luteum	Atrophy	Marked
Oviduct	Epithelium	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 1-2]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 381

TRT#: 4

SEX: Female

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach	* Thyroid Gland

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Kidney		Casts Protein	Minimal
* Liver		Vacuolization Cytoplasmic	Diffuse, Marked
* Mammary Gland		Hyperplasia	Mild
* Ovary	Corpus Luteum	Atrophy	Marked
Oviduct	Epithelium	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 1-2]		
* Skin	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Mild
* Thymus		Atrophy	Marked
	[Atrophy TGLS = 2-6]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 382

TRT#: 4

SEX: Female

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Mild
	Zona Reticul	Pigmentation	Mild
	Zona Reticul	Syncytial Alteration	Mild
	Zona Reticul	Vacuolization Cytoplasmic	Mild
* Kidney	Renal Tubule	Hyperplasia	Focal, Minimal
* Liver	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Ovary	Corpus Luteum	Atrophy	Marked
Oviduct	Epithelium	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 1-2]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 383

TRT#: 4

SEX: Female

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Kidney		Casts Protein	Minimal
* Liver	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Ovary	Corpus Luteum	Atrophy	Marked
Oviduct	Epithelium	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 1-2]			
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Mild
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 384	TRT#: 4	SEX: Female	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Mammary Gland		Hyperplasia	Mild
* Ovary	Corpus Luteum	Atrophy	Marked
Oviduct	Epithelium	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLS = 1-2]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
	Dermis, SOA, Subcut Tiss	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385	TRT#: 4	SEX: Female	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lymph Node	* Lymph Node, Mesenteric
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Kidney		Casts Protein	Minimal
* Liver	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Minimal
* Ovary	Corpus Luteum	Atrophy	Marked
Oviduct	Epithelium	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Moderate
	Pars Distalis	Hyperplasia	Moderate
	[Hyperplasia TGLS = 1-2]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Diffuse, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 386	TRT#: 4	SEX: Female	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lymph Node
* Lymph Node, Mesenteric	* Stomach, Forestomach	* Thymus	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Mild
	Zona Reticul	Pigmentation	Mild
	Zona Reticul	Syncytial Alteration	Mild
	Zona Reticul	Vacuolization Cytoplasmic	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Lung		Hyperplasia	Lymphoid, Focal, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Mild
* Ovary	Corpus Luteum	Atrophy	Marked
Oviduct	Epithelium	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Mild
	[Hyperplasia TGLS = 1-2]		
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 387 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 193
DOSE: 480 UG/KG **DISP:** Terminal Sacrifice **HISTO:** 9907897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Kidney		Hydronephrosis	Mild
* Liver	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Mammary Gland		Hyperplasia	Minimal
* Ovary	Corpus Luteum	Atrophy	Marked
Oviduct	Epithelium	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 1-2]			
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 388	TRT#: 4	SEX: Female	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Kidney		Casts Protein	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Minimal
		Vacuolization Cytoplasmic	Diffuse, Mild
* Mammary Gland		Hyperplasia	Minimal
* Ovary	Corpus Luteum	Atrophy	Marked
Oviduct	Epithelium	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Minimal
	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-2]			
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 389	TRT#: 4 DOSE: 480 UG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 193 HISTO: 9907899
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Spleen	* Thymus	* Thyroid Gland	

MISSING

* Lymph Node

OBSERVATIONS

* Adrenal Cortex	Zona Reticul Zona Reticul Zona Reticul Zona Reticul	Hypertrophy Pigmentation Syncytial Alteration Vacuolization Cytoplasmic	Moderate Moderate Moderate Moderate
Clitoral Gland [Inflammation TGLS = 1-7]		Inflammation	Suppurative, Moderate
* Kidney		Casts Protein Nephropathy	Minimal Minimal
* Liver	Centrilobular, Midzonal	Hypertrophy Inflammation	Minimal Granulomatous, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node Note: Mediastinal lymph node was not available for processing			
* Mammary Gland		Hyperplasia	Mild
* Ovary [Cyst TGLS = 2-5]	Corpus Luteum	Atrophy Cyst	Marked Minimal
Oviduct	Epithelium	Hyperplasia	Minimal
* Pituitary Gland [Hyperplasia TGLS = 3-2]	Pars Distalis Pars Distalis	Cytoplasmic Alteration Hyperplasia	Mild Mild
* Skin	Dermis, SOA, Subcut Tiss Control SOA	Edema Hyperkeratosis Hyperkeratosis	Minimal Minimal Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Diffuse, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 389

TRT#: 4

SEX: Female

DAY ON TEST: 193

DOSE: 480 UG/KG

DISP: Terminal Sacrifice

HISTO: 9907899

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-18
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/22/2014
Time Report Requested: 17:57:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 390	TRT#: 4	SEX: Female	DAY ON TEST: 193
	DOSE: 480 UG/KG	DISP: Terminal Sacrifice	HISTO: 9907900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Heart	* Kidney	* Lung
* Lymph Node	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Hypertrophy	Moderate
	Zona Reticul	Pigmentation	Moderate
	Zona Reticul	Syncytial Alteration	Moderate
	Zona Reticul	Vacuolization Cytoplasmic	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
	Centrilobular, Midzonal	Hypertrophy	Minimal
		Inflammation	Granulomatous, Minimal
		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular			
[Hyperplasia TGLS = 2-3]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary	Corpus Luteum	Atrophy	Marked
		Cyst	Minimal
[Cyst TGLS = 1-5]			
Oviduct	Epithelium	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-2]			
* Skin	Dermis, SOA, Subcut Tiss	Edema	Minimal
	Control	Hyperkeratosis	Minimal
	SOA	Hyperkeratosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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** END OF REPORT **

* PROTOCOL REQUIRED TISSUE