

Study Number: C13115-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester
CAS Number: 84268-23-5
Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023
Time Report Requested: 13:45:29
Lab: Battelle

Study Number: C13115-01
Study Sex: Male
PWG Approval Date: See web page for date of PWG Approval
Version: v1.5.1
Study Version Details: Actions To Be Taken: Change Infiltrate, Cellular to Infiltration Cellular for Lung

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 26	TRT#: 1	DOSE: 0 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600660

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	EPIDIDYMIS	HEART
KIDNEY	LIVER	LUNG	TESTIS
THYMUS			

ANIMAL ID: 27	TRT#: 1	DOSE: 0 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600661

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	EPIDIDYMIS	HEART
LIVER	LUNG	TESTIS	THYMUS

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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ANIMAL ID: 29	TRT#: 1	DOSE: 0 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600663

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	EPIDIDYMIS	HEART
LIVER	LUNG	TESTIS	THYMUS

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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ANIMAL ID: 30	TRT#: 1	DOSE: 0 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600664

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	EPIDIDYMIS	HEART
KIDNEY	LIVER	LUNG	TESTIS
THYMUS			

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 28R	TRT#: 1	DOSE: 0 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600662

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	HEART	LIVER
LUNG	TESTIS	THYMUS	

OBSERVATIONS

EPIDIDYMIS	SPERM GRANULOMA	MILD
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

ANIMAL ID: 31	TRT#: 2	DOSE: 30 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600665

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

KIDNEY	LIVER	THYMUS
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ANIMAL ID: 32	TRT#: 2	DOSE: 30 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600666

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

KIDNEY	LIVER	THYMUS
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Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 33	TRT#: 2	DOSE: 30 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600667

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

LIVER	THYMUS
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OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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ANIMAL ID: 34	TRT#: 2	DOSE: 30 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600668

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

KIDNEY	LIVER	THYMUS
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ANIMAL ID: 35	TRT#: 2	DOSE: 30 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600669

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

KIDNEY	LIVER	THYMUS
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Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 36	TRT#: 3	DOSE: 100 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600670

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

THYMUS			
OBSERVATIONS			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTYE	HYPERTROPHY	MILD

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 37	TRT#: 3	DOSE: 100 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600671

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

THYMUS			
OBSERVATIONS			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTYE	HYPERTROPHY	MINIMAL

ANIMAL ID: 38	TRT#: 3	DOSE: 100 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600672

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LIVER	CAUDATE LOBE	DISCOLORATION	PALE
[DISCOLORATION TGLS = TGL1]			

HISTOPATH TISSUE STATUS

Within Normal Limits

THYMUS			
OBSERVATIONS			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCYTE	HYPERTROPHY	MINIMAL
		NECROSIS	MINIMAL
Observation Comment: TGL1-7			
[NECROSIS TGLS = TGL1, Gross Finding = LIVER, CAUDATE LOBE, DISCOLORATION, PALE]			

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 39	TRT#: 3	DOSE: 100 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600673

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

THYMUS			
OBSERVATIONS			
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTYE	HYPERTROPHY	MILD

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 40	TRT#: 3	DOSE: 100 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600674

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

KIDNEY	THYMUS
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OBSERVATIONS

LIVER	HEPATOCYTE	HYPERTROPHY	MINIMAL
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Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 41	TRT#: 4	DOSE: 300 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600675

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, RIGHT	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX	LIVER
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

EPIDIDYMIS, LEFT	FOCUS	PALE
Observation Comment: 2x2 mm [FOCUS TGLS = TGL1]		

HISTOPATH TISSUE STATUS

Within Normal Limits

THYMUS

OBSERVATIONS

EPIDIDYMIS	SPERM GRANULOMA	MODERATE
Observation Comment: TGL1-7 [SPERM GRANULOMA TGLS = TGL1, Gross Finding = EPIDIDYMIS, LEFT, FOCUS, PALE]		
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCYTE HYPERTROPHY	MILD

ANIMAL ID: 42	TRT#: 4	DOSE: 300 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600676

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	KIDNEY - RENAL TUBULE	THYMUS
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OBSERVATIONS

LIVER	HEPATOCYTE	HYPERTROPHY	MILD
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ANIMAL ID: 43	TRT#: 4	DOSE: 300 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600677

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NOSE
PANCREAS	PARATHYROID GLAND	PHARYNX	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT	THYMUS
THYROID GLAND	TONGUE	TRACHEA	TRIGEMINAL GANGLION
URINARY BLADDER	ZYMBALS GLAND		

OBSERVATIONS

LUNG	FOCUS	PALE
Observation Comment: up to 1x1 mm, multiple, TGL1 = all lobes. [FOCUS TGLS = TGL1]		

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	KIDNEY - RENAL TUBULE	THYMUS
OBSERVATIONS		
LIVER	HEPATOCYTE	HYPERTROPHY
LUNG		INFILTRATION CELLULAR
Observation Comment: TGL1-3 TGL1-4 [INFILTRATION CELLULAR TGLS = TGL1, Gross Finding = LUNG, FOCUS, PALE]		
		MINIMAL HISTIOCYTE, MINIMAL

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 44	TRT#: 4	DOSE: 300 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600678

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	THYMUS
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OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTYE	HYPERTROPHY	MILD

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 45	TRT#: 4	DOSE: 300 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600679

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	KIDNEY, LEFT	KIDNEY, RIGHT	LARYNX
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NOSE	PANCREAS	PARATHYROID GLAND	PHARYNX
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT	TESTIS, RIGHT
THYMUS	THYROID GLAND	TONGUE	TRACHEA
TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND	

HISTOPATH TISSUE STATUS

Within Normal Limits

EPIDIDYMIS	THYMUS
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OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LIVER	HEPATOCTYE	HYPERTROPHY	MILD

ANIMAL ID: 46	TRT#: 5	DOSE: 1000 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600680

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT
TESTIS, RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY, LEFT	DISCOLORATION	PALE
[DISCOLORATION TGLS = TGL2]		
KIDNEY, RIGHT	DISCOLORATION	PALE
[DISCOLORATION TGLS = TGL3]		
SPLEEN	SMALL	
Observation Comment: 25x5x2 mm		
[SMALL TGLS = TGL1]		

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 46	TRT#: 5	DOSE: 1000 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600680
HISTOPATH TISSUE STATUS				
Within Normal Limits				
ADRENAL GLAND	AORTA	EPIDIDYMIS	HEART	
LUNG	TESTIS			
No Section Present				
THYMUS				
OBSERVATIONS				
KIDNEY	RENAL TUBULE	INFLAMMATION	SUPPURATIVE, MINIMAL	
		NEPHROPATHY, OBSTRUCTIVE	MODERATE	
[NEPHROPATHY, OBSTRUCTIVE TGLS = TGL3, TGL2]				
LIVER	HEPATOCYTE	HYPERTROPHY	MILD	
SPLEEN		ATROPHY	MILD	
Observation Comment: TGL1-7				
[ATROPHY TGLS = TGL1, Gross Finding = SPLEEN, SMALL,]				

ANIMAL ID: 47	TRT#: 5	DOSE: 1000 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600681

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LUNG	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS, LEFT
TESTIS, RIGHT	THYMUS	THYROID GLAND	TONGUE
TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	DISCOLORATION	PALE
[DISCOLORATION TGLS = TGL1]			
KIDNEY, LEFT		DISCOLORATION	PALE
[DISCOLORATION TGLS = TGL2]			
KIDNEY, RIGHT		DISCOLORATION	PALE
[DISCOLORATION TGLS = TGL3]			

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 47	TRT#: 5	DOSE: 1000 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600681
HISTOPATH TISSUE STATUS				
Within Normal Limits				
ADRENAL GLAND	AORTA	EPIDIDYMIS	HEART	
LUNG	TESTIS			
OBSERVATIONS				
HARDERIAN GLAND		NO CORRESPONDING LESION		
Observation Comment: TGL1-7 slide 7 = no corresponding lesion.				
[NO CORRESPONDING LESION TGLS = TGL1, Gross Finding = HARDERIAN GLAND, BILATERAL, DISCOLORATION, PALE]				
KIDNEY	RENAL TUBULE	INFLAMMATION	SUPPURATIVE, MINIMAL	
		NEPHROPATHY, OBSTRUCTIVE	MILD	
[NEPHROPATHY, OBSTRUCTIVE TGLS = TGL2, TGL3]				
LIVER	HEPATOCYTE	HYPERTROPHY	MILD	
THYMUS		ATROPHY	MODERATE	

ANIMAL ID: 48	TRT#: 5	DOSE: 1000 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600682

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS, LEFT	TESTIS, RIGHT	THYROID GLAND	TONGUE
TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY, LEFT	DISCOLORATION	PALE
[DISCOLORATION TGLS = TGL1]		
KIDNEY, RIGHT	DISCOLORATION	PALE
[DISCOLORATION TGLS = TGL2]		
THYMUS	SMALL	
Observation Comment: 0.25x		
[SMALL TGLS = TGL3]		

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 48	TRT#: 5	DOSE: 1000 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600682
HISTOPATH TISSUE STATUS				
Within Normal Limits				
ADRENAL GLAND	AORTA	EPIDIDYMIS	HEART	
LUNG	TESTIS			
OBSERVATIONS				
KIDNEY	RENAL TUBULE	INFLAMMATION	SUPPURATIVE, MILD	
		NEPHROPATHY, OBSTRUCTIVE	MODERATE	
[NEPHROPATHY, OBSTRUCTIVE TGLS = TGL1, TGL2]				
LIVER	HEPATOCYTE	HYPERTROPHY	MILD	
THYMUS		ATROPHY	MODERATE	
Observation Comment: TGL3-3				
[ATROPHY TGLS = TGL3, Gross Finding = THYMUS, SMALL,]				

ANIMAL ID: 49	TRT#: 5	DOSE: 1000 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600683

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM	LARYNX	LIVER	LUNG
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NOSE	PANCREAS
PARATHYROID GLAND	PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS, LEFT	TESTIS, RIGHT	THYROID GLAND	TONGUE
TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

KIDNEY, LEFT	DISCOLORATION	PALE
[DISCOLORATION TGLS = TGL1]		
KIDNEY, RIGHT	DISCOLORATION	PALE
[DISCOLORATION TGLS = TGL2]		
THYMUS	SMALL	
Observation Comment: 0.25x		
[SMALL TGLS = TGL3]		

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 49	TRT#: 5	DOSE: 1000 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600683
HISTOPATH TISSUE STATUS				
Within Normal Limits				
ADRENAL GLAND	AORTA	EPIDIDYMIS	HEART	
LUNG	TESTIS			
OBSERVATIONS				
KIDNEY	RENAL TUBULE	INFLAMMATION	SUPPURATIVE, MINIMAL	
		NEPHROPATHY, OBSTRUCTIVE	MODERATE	
[NEPHROPATHY, OBSTRUCTIVE TGLS = TGL2, TGL1]				
LIVER	HEPATOCYTE	HYPERTROPHY	MILD	
THYMUS		ATROPHY	MODERATE	
Observation Comment: TGL3-3				
[ATROPHY TGLS = TGL3, Gross Finding = THYMUS, SMALL,]				

ANIMAL ID: 50	TRT#: 5	DOSE: 1000 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600684

GROSS PATHOLOGY TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CARCASS	EPIDIDYMIS, LEFT	EPIDIDYMIS, RIGHT	ESOPHAGUS
EYE	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM
LARYNX	LIVER	LUNG	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NOSE	PANCREAS	PARATHYROID GLAND
PHARYNX	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SKIN	SPINAL CORD	STOMACH, FORESTOMACH
TESTIS, LEFT	TESTIS, RIGHT	THYROID GLAND	TONGUE
TRACHEA	TRIGEMINAL GANGLION	URINARY BLADDER	ZYMBALS GLAND

OBSERVATIONS

HARDERIAN GLAND	BILATERAL	DISCOLORATION	PALE
[DISCOLORATION TGLS = TGL7]			
KIDNEY, LEFT		DISCOLORATION	DARK
[DISCOLORATION TGLS = TGL2]			
KIDNEY, RIGHT		DISCOLORATION	DARK
[DISCOLORATION TGLS = TGL3]			
SEMINAL VESICLE	BILATERAL	SMALL	
Observation Comment: 0.5x			
[SMALL TGLS = TGL4]			
SPLEEN		SMALL	
Observation Comment: 23x4x2 mm			
[SMALL TGLS = TGL1]			
STOMACH, GLANDULAR		DISCOLORATION	MOTTLED
[DISCOLORATION TGLS = TGL6]			
THYMUS		SMALL	
Observation Comment: 0.25x			
[SMALL TGLS = TGL5]			

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

ANIMAL ID: 50	TRT#: 5	DOSE: 1000 mg/kg	SEX: Male	REMOVAL DAY: SD14
			DISP: Scheduled Removal (Terminal)	HISTO: 1600684

HISTOPATH TISSUE STATUS

Within Normal Limits

ADRENAL GLAND
TESTIS

AORTA

HEART

LUNG

OBSERVATIONS

EPIDIDYMIS
HARDERIAN GLAND

DUCT

EXFOLIATED GERM CELL
NECROSIS

MILD
MINIMAL

Observation Comment: TGL7-10

[NECROSIS TGLS = TGL7, Gross Finding = HARDERIAN GLAND, BILATERAL, DISCOLORATION, PALE]

KIDNEY

RENAL TUBULE

INFLAMMATION
NEPHROPATHY, OBSTRUCTIVE

SUPPURATIVE, MINIMAL
MILD

Observation Comment: TGL2-2 TGL3-2

[INFLAMMATION TGLS = TGL2, TGL3, Gross Finding = KIDNEY, LEFT, DISCOLORATION, DARK]

[INFLAMMATION TGLS = TGL2, TGL3, Gross Finding = KIDNEY, RIGHT, DISCOLORATION, DARK]

[NEPHROPATHY, OBSTRUCTIVE TGLS = TGL2, TGL3]

LIVER

HEPATOCYTE

HYPERTROPHY
SECRETORY DEPLETION

MILD
MILD

SEMINAL VESICLE

Observation Comment: TGL4-8

[SECRETORY DEPLETION TGLS = TGL4, Gross Finding = SEMINAL VESICLE, BILATERAL, SMALL,]

SPLEEN

ATROPHY

MODERATE

Observation Comment: TGL1-7

[ATROPHY TGLS = TGL1, Gross Finding = SPLEEN, SMALL,]

STOMACH, GLANDULAR

NO CORRESPONDING LESION

Observation Comment: TGL6-9

[NO CORRESPONDING LESION TGLS = TGL6, Gross Finding = STOMACH, GLANDULAR, DISCOLORATION, MOTTLED]

THYMUS

ATROPHY
CYST

MODERATE

Observation Comment: TGL5-3

[ATROPHY TGLS = TGL5, Gross Finding = THYMUS, SMALL,]

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Target Version: Actions To Be Taken

Date Report Requested: 06/29/2023

Time Report Requested: 13:45:29

Lab: Battelle

LEGEND

SD – Study Day

**** END OF REPORT ****