

Experiment Number: 05152-03

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

E05: CLINICAL OBSERVATIONS SUMMARY

Test Compound: 3-Methyl-6-methoxy-2-amino-benzothiazolium chloride

CAS Number: EMTDP-76

Date Report Requested: 10/24/2014

Time Report Requested: 09:51:14

First Dose M/F: NA / NA

Lab: MBA

C Number:

C61814

Lock Date:

Not Entered.

Cage Range:

All

Date Range:

All

Reasons For Removal:

All

Removal Date Range:

All

Treatment Groups:

All

Study Gender:

Both

PWG Approval Date

NONE

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First Dose M/F: NA / NA

Lab: MBA

SEX :MALE WEEK: 14

OBSERVATIONS	0 MG/G		0 MG/G SPECIAL		0.25 MG/G		0.50 MG/G	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Nose	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Bulging Eye Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Both Eyes	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Left Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Right Eye	0 / 0	0 / 10	0 / 0	8 / 10 DAY 8	0 / 0	0 / 10	0 / 0	0 / 10
Exophthalmos Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 8	0 / 0	0 / 10
Head Tilted	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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First Dose M/F: NA / NA

Lab: MBA

SEX :MALE WEEK: 14

OBSERVATIONS	0 MG/G		0 MG/G SPECIAL		0.25 MG/G		0.50 MG/G	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Micro-Ophthalmia Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Opacity Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Pale Eye Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Skinny	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Swelling Face	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Swelling Left Rear Foot	0 / 0	1 / 10 DAY 50	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Swelling Nose	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

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Time Report Requested: 09:51:15

First Dose M/F: NA / NA

Lab: MBA

SEX :MALE WEEK: 14

OBSERVATIONS	1.0 MG/G		1.0 MG/GSPECIAL		2.0 MG/G		2.0 MG/GSPECIAL	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Nose	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 29
Bulging Eye Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	2 / 10 DAY 8
Discharge Both Eyes	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Left Eye	0 / 0	0 / 10	0 / 0	1 / 10 DAY 43	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Right Eye	0 / 0	0 / 10	0 / 0	6 / 10 DAY 8	0 / 0	0 / 10	0 / 0	4 / 10 DAY 8
Exophthalmos Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 15
Head Tilted	0 / 0	0 / 10	0 / 0	5 / 10 DAY 50	0 / 0	0 / 10	0 / 0	1 / 10 DAY 78

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

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ROW 2 = DAY OF ONSET

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Date Report Requested: 10/24/2014

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First Dose M/F: NA / NA

Lab: MBA

SEX :MALE WEEK: 14

OBSERVATIONS	1.0 MG/G		1.0 MG/GSPECIAL		2.0 MG/G		2.0 MG/GSPECIAL	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Micro-Ophthalmia Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	3 / 10 DAY 8
Opacity Right Eye	0 / 0	0 / 10	0 / 0	1 / 10 DAY 43	0 / 0	0 / 10	0 / 0	3 / 10 DAY 15
Pale Eye Right Eye	0 / 0	0 / 10	0 / 0	1 / 10 DAY 29	0 / 0	0 / 10	0 / 0	0 / 10
Skinny	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Swelling Face	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 8
Swelling Left Rear Foot	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Swelling Nose	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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Route: DOSED FEED

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Time Report Requested: 09:51:15

First Dose M/F: NA / NA

Lab: MBA

SEX :MALE WEEK: 14

OBSERVATIONS	4.0 MG/G		4.0 MG/GSPECIAL	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Nose	0 / 0	0 / 10	0 / 0	1 / 10 DAY 22
Alopecia Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Bulging Eye Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Both Eyes	0 / 0	0 / 10	0 / 0	2 / 10 DAY 15
Discharge Left Eye	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Right Eye	0 / 0	0 / 10	0 / 0	6 / 10 DAY 8
Exophthalmos Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Head Tilted	0 / 0	0 / 10	0 / 0	2 / 10 DAY 71

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

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ROW 2 = DAY OF ONSET

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Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

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CAS Number: EMTDP-76

Date Report Requested: 10/24/2014

Time Report Requested: 09:51:15

First Dose M/F: NA / NA

Lab: MBA

SEX :MALE WEEK: 14

OBSERVATIONS	4.0 MG/G		4.0 MG/GSPECIAL	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Micro-Ophthalmia Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Opacity Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Pale Eye Right Eye	0 / 0	0 / 10	0 / 0	0 / 10
Skinny	0 / 0	0 / 10	0 / 0	10 / 10 DAY 8
Swelling Face	0 / 0	0 / 10	0 / 0	1 / 10 DAY 8
Swelling Left Rear Foot	0 / 0	0 / 10	0 / 0	0 / 10
Swelling Nose	0 / 0	0 / 10	0 / 0	1 / 10 DAY 15

END OF MALE DATA

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

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ROW 2 = DAY OF ONSET

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Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/F 344/N

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Test Compound: 3-Methyl-6-methoxy-2-amino-benzothiazolium chloride

CAS Number: EMTDP-76

Date Report Requested: 10/24/2014

Time Report Requested: 09:51:15

First Dose M/F: NA / NA

Lab: MBA

SEX :FEMALE WEEK: 14

OBSERVATIONS	0 MG/G		0.25 MG/G		0.50 MG/G		1.0 MG/G	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Body Dorsal	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Face	0 / 0	9 / 10 DAY 36	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Head	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	4 / 10 DAY 50	0 / 0	0 / 10
Alopecia Left Front Leg	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Neck	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Right Front Foot	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Right Front Leg	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 78
Discharge Left Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

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ROW 2 = DAY OF ONSET

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Species/Strain: Rat/F 344/N

E05: CLINICAL OBSERVATIONS SUMMARY

Test Compound: 3-Methyl-6-methoxy-2-amino-benzothiazolium chloride

CAS Number: EMTDP-76

Date Report Requested: 10/24/2014

Time Report Requested: 09:51:16

First Dose M/F: NA / NA

Lab: MBA

SEX :FEMALE

WEEK: 14

OBSERVATIONS	0 MG/G		0.25 MG/G		0.50 MG/G		1.0 MG/G	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Discharge Right Eye	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Rough Hair Entire Animal	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Skinny	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

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Date Report Requested: 10/24/2014

Time Report Requested: 09:51:16

First Dose M/F: NA / NA

Lab: MBA

SEX :FEMALE

WEEK: 14

OBSERVATIONS	2.0 MG/G		4.0 MG/G	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Body Dorsal	0 / 0	0 / 10	0 / 0	2 / 10 DAY 29
Alopecia Face	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Head	0 / 0	0 / 10	0 / 0	0 / 10
Alopecia Left Front Leg	0 / 0	1 / 10 DAY 22	0 / 0	0 / 10
Alopecia Neck	0 / 0	0 / 10	0 / 0	1 / 10 DAY 15
Alopecia Right Front Foot	0 / 0	0 / 10	0 / 0	1 / 10 DAY 22
Alopecia Right Front Leg	0 / 0	1 / 10 DAY 22	0 / 0	0 / 10
Discharge Left Eye	0 / 0	0 / 10	0 / 0	1 / 10 DAY 78

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

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Lab: MBA

SEX :FEMALE

WEEK: 14

OBSERVATIONS	2.0 MG/G		4.0 MG/G	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Discharge Right Eye	0 / 0	0 / 10	0 / 0	1 / 10 DAY 78
Rough Hair Entire Animal	0 / 0	0 / 10	0 / 0	10 / 10 DAY 15
Skinny	0 / 0	0 / 10	0 / 0	10 / 10 DAY 15

* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

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**** END OF REPORT ****

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