

Experiment Number: 05190-01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

E05: CLINICAL OBSERVATIONS SUMMARY
Test Compound: 2-Mercaptobenzimidazole
CAS Number: 583-39-1

Date Report Requested: 10/24/2014
Time Report Requested: 05:10:38
First Dose M/F: NA / NA
Lab: IIT

C Number:	C60980B
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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SEX :MALE **WEEK: 14**

OBSERVATIONS	CONTROL		3.13 MG/M3		6.25 MG/M3		12.5 MG/M3	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abnormal Posture	0 / 0	0 / 29	0 / 0	0 / 29	0 / 0	0 / 10	0 / 0	0 / 29
Comatose	0 / 0	0 / 29	0 / 0	0 / 29	0 / 0	0 / 10	0 / 0	0 / 29
Discharge Left Eye	0 / 0	1 / 29 DAY 29	0 / 0	1 / 29 DAY 64	0 / 0	1 / 10 DAY 64	0 / 0	0 / 29
Emaciated	0 / 0	0 / 29	0 / 0	0 / 29	0 / 0	0 / 10	0 / 0	0 / 29
Exophthalmos Left Eye	0 / 0	1 / 29 DAY 8	0 / 0	0 / 29	0 / 0	0 / 10	0 / 0	0 / 29
Hypoactivity	0 / 0	0 / 29	0 / 0	0 / 29	0 / 0	0 / 10	0 / 0	0 / 29
Opacity Left Eye	0 / 0	1 / 29 DAY 22	0 / 0	0 / 29	0 / 0	0 / 10	0 / 0	0 / 29
Reddened Left Eye	0 / 0	1 / 29 DAY 15	0 / 0	0 / 29	0 / 0	0 / 10	0 / 0	0 / 29

* 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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	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Swelling Left Eye	0 / 0	1 / 29 DAY 15	0 / 0	0 / 29	0 / 0	0 / 10	0 / 0	0 / 29
Wound Left Rear Leg	0 / 0	0 / 29	0 / 0	0 / 29	0 / 0	0 / 10	0 / 0	0 / 29
Wound Tail	0 / 0	0 / 29	0 / 0	0 / 29	0 / 0	0 / 10	0 / 0	0 / 29

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SEX :MALE **WEEK: 14**

OBSERVATIONS	25.0 MG/M3		50.0 MG/M3	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abnormal Posture	0 / 0	3 / 10 DAY 78	0 / 0	18 / 29 DAY 50
Comatose	0 / 0	0 / 10	0 / 0	1 / 29 DAY 71
Discharge Left Eye	0 / 0	0 / 10	0 / 0	0 / 29
Emaciated	0 / 0	3 / 10 DAY 71	0 / 0	5 / 29 DAY 64
Exophthalmos Left Eye	0 / 0	0 / 10	0 / 0	0 / 29
Hypoactivity	0 / 0	3 / 10 DAY 29	0 / 0	17 / 29 DAY 43
Opacity Left Eye	0 / 0	0 / 10	0 / 0	0 / 29
Reddened Left Eye	0 / 0	0 / 10	0 / 0	0 / 29

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SEX :MALE **WEEK: 14**

OBSERVATIONS	25.0 MG/M3		50.0 MG/M3	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Swelling Left Eye	0 / 0	0 / 10	0 / 0	0 / 29
Wound Left Rear Leg	0 / 0	0 / 10	0 / 0	1 / 29 DAY 43
Wound Tail	0 / 0	0 / 10	0 / 0	1 / 29 DAY 43

END OF MALE DATA

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SEX :FEMALE

WEEK: 13

OBSERVATIONS	CONTROL		3.13 MG/M3		6.25 MG/M3		12.5 MG/M3	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abnormal Posture	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 57	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Nose	0 / 0	0 / 10	0 / 0	1 / 10 DAY 22	0 / 0	0 / 10	0 / 0	0 / 10
Discoloration Both Eyes	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Dyspnea	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Emaciated	0 / 0	1 / 10 DAY 8	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Hyperactive	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 50	0 / 0	0 / 10
Hypoactivity	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10

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	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Opacity Both Eyes	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Wound Nose	0 / 0	1 / 10 DAY 50	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10
Wound Tail	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	0 / 10	0 / 0	1 / 10 DAY 43

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	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abnormal Posture	0 / 0	9 / 10 DAY 64	0 / 0	10 / 10 DAY 22
Discharge Left Eye	0 / 0	0 / 10	0 / 0	0 / 10
Discharge Nose	0 / 0	0 / 10	0 / 0	0 / 10
Discoloration Both Eyes	0 / 0	1 / 10 DAY 71	0 / 0	0 / 10
Dyspnea	0 / 0	0 / 10	0 / 0	1 / 10 DAY 22
Emaciated	0 / 0	8 / 10 DAY 71	0 / 0	10 / 10 DAY 43
Hyperactive	0 / 0	0 / 10	0 / 0	0 / 10
Hypoactivity	0 / 0	8 / 10 DAY 64	0 / 0	10 / 10 DAY 36

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OBSERVATIONS	25.0 MG/M3		50.0 MG/M3	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Opacity Both Eyes	0 / 0	0 / 10	0 / 0	1 / 10 DAY 78
Wound Nose	0 / 0	0 / 10	0 / 0	1 / 10 DAY 8
Wound Tail	0 / 0	1 / 10 DAY 78	0 / 0	1 / 10 DAY 43

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