

Study Number: I10353
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

I04: Mean Body Weight Summary
Test Compound: Benzo(a)pyrene
CAS Number: 50-32-8

Date Report Requested: 12/14/2022
Time Report Requested: 12:10:57
Lab: BRT with ILS

Study Number: I10353
Study Gender: Female
PWG Approval Date: See web page for date of PWG Approval
Version: v1.4.3
Stat Version: v2.9.1A

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Females: SRBC

Treatment Groups (mg/kg)

Phase Day	0			2			5			9		
	Wt (g)	N		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD0	22.5 ± 0.4	8		22.9 ± 0.3	101.6	8	22.8 ± 0.4	101.3	8	22.3 ± 0.6	99.0	8
SD6	23.0 ± 0.4	8		23.0 ± 0.2	100.3	8	23.0 ± 0.5	100.1	8	22.3 ± 0.5	97.3	8
SD13	23.3 ± 0.4	8		23.7 ± 0.3	101.6	8	23.3 ± 0.5	100.1	8	22.7 ± 0.4	97.5	8
SD20	23.8 ± 0.3	8		24.2 ± 0.3	101.8	8	24.2 ± 0.7	101.8	8	23.9 ± 0.5	100.3	8
SD28	24.6 ± 0.4 **	8		25.2 ± 0.4	102.5	8	25.0 ± 0.7	101.8	8	24.1 ± 0.6	97.9	8

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Treatment Groups (mg/kg)

Phase Day	19			38			75			150		
	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD0	23.2 ± 0.3	103.1	8	22.7 ± 0.5	100.8	8	22.8 ± 0.3	101.2	8	22.9 ± 0.6	101.7	8
SD6	23.4 ± 0.4	101.9	8	23.0 ± 0.5	100.4	8	23.1 ± 0.2	100.4	8	22.8 ± 0.5	99.5	8
SD13	24.2 ± 0.5	104.0	8	23.6 ± 0.5	101.4	8	23.4 ± 0.2	100.3	8	23.8 ± 0.5	101.9	8
SD20	24.4 ± 0.4	102.4	8	24.4 ± 0.6	102.5	8	23.4 ± 0.3	98.2	8	24.2 ± 0.6	101.5	8
SD28	24.8 ± 0.4	100.9	8	24.3 ± 0.5	98.7	8	23.1 ± 0.2	94.1	8	23.7 ± 0.6	96.5	8

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Females: SRBC

Phase Day	Treatment Groups (mg/kg)		
	50 mg/kg CPS		
	Wt (g)	% of CNTL	N
SD0	22.6 ± 0.4	100.4	8
SD6	23.8 ± 0.4	103.9	8
SD13	24.5 ± 0.5	105.2	8
SD20	26.2 ± 0.5 **	110.0	8
SD28	25.6 ± 0.6	104.1	8

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Lab: BRT with ILS

Females: Immunopath

Treatment Groups (mg/kg)

Phase Day	0			2			5			9		
	Wt (g)	N		Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N	Wt (g)	% of CNTL	N
SD0	24.0 ± 0.4	8		23.2 ± 0.5	96.6	8	23.3 ± 0.5	96.9	8	24.3 ± 0.7	101.4	8
SD6	24.1 ± 0.5	8		23.4 ± 0.6	97.0	8	23.2 ± 0.7	96.2	8	24.0 ± 0.8	99.3	8
SD13	24.9 ± 0.7	8		24.1 ± 0.7	96.7	8	23.9 ± 0.8	95.8	8	25.0 ± 1.0	100.3	8
SD20	25.0 ± 0.7 *	8		24.9 ± 0.9	99.6	8	24.5 ± 0.8	98.0	8	25.4 ± 1.0	101.8	8
SD28	25.0 ± 0.9 **	8		24.7 ± 1.0	98.9	8	24.5 ± 0.7	98.0	8	25.0 ± 1.0	100.2	8

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SD0	23.5 ± 0.6	98.0	8	23.5 ± 0.6	98.0	8	23.5 ± 0.6	98.0	8	23.7 ± 0.5	98.9	8
SD6	23.1 ± 0.7	95.5	8	23.8 ± 0.7	98.4	8	23.3 ± 0.4	96.3	8	22.5 ± 0.5	93.4	8
SD13	24.1 ± 0.8	96.5	8	24.5 ± 0.8	98.3	8	23.9 ± 0.4	96.0	8	23.4 ± 0.5	93.8	8
SD20	24.3 ± 0.8	97.4	8	24.7 ± 0.8	98.9	8	23.9 ± 0.4	95.7	8	23.3 ± 0.4	93.2	8
SD28	24.1 ± 0.8	96.4	8	23.9 ± 0.8	95.6	8	23.0 ± 0.3	92.2	8	22.5 ± 0.5 *	90.2	8

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Females: Immunopath

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	50 mg/kg CPS		
	Wt (g)	% of CNTL	N
SD0	23.3 ± 0.6	97.1	8
SD6	24.3 ± 0.9	100.6	8
SD13	25.5 ± 1.0	102.5	8
SD20	26.5 ± 1.0	106.2	8
SD28	25.4 ± 1.0	101.8	8

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LEGEND

Data are displayed as mean \pm SEM

SD – Study Day

Statistical analysis of weight data performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.

Statistical analysis for the positive control group compared to the vehicle control group was performed using the t-Test.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

CPS = Cyclophosphamide

**** END OF REPORT ****