

Study Number: I10353

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

I04G: Mean Body Weight Gain

Test Compound: Benzo(a)pyrene

CAS Number: 50-32-8

Date Report Requested: 02/23/2023

Time Report Requested: 12:31:48

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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Lab: BRT with ILS

Females: SRBC

Treatment Groups (mg/kg)

Phase	Days	0		2		5		9		19		38	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 6	0.4 ± 0.2	8	0.1 ± 0.1	8	0.2 ± 0.2	8	0.0 ± 0.3	8	0.2 ± 0.2	8	0.3 ± 0.1	8
	6 - 13	0.4 ± 0.3	8	0.7 ± 0.1	8	0.4 ± 0.1	8	0.4 ± 0.2	8	0.9 ± 0.2	8	0.6 ± 0.1	8
	13 - 20	0.5 ± 0.2	8	0.6 ± 0.1	8	0.9 ± 0.2	8	1.2 ± 0.2	8	0.1 ± 0.4	8	0.8 ± 0.2	8
	20 - 28	0.8 ± 0.2 **	8	1.0 ± 0.2	8	0.8 ± 0.1	8	0.2 ± 0.3	8	0.4 ± 0.3	8	-0.2 ± 0.2 **	8
	0 - 28	2.1 ± 0.2 **	8	2.3 ± 0.3	8	2.2 ± 0.4	8	1.8 ± 0.4	8	1.6 ± 0.2	8	1.6 ± 0.3	8

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Lab: BRT with ILS

Females: SRBC

Phase	Days	Treatment Groups (mg/kg)					
		75		150		50 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 6	0.3 ± 0.2	8	-0.1 ± 0.3	8	1.2 ± 0.2 *	8
	6 - 13	0.3 ± 0.1	8	0.9 ± 0.2	8	0.7 ± 0.3	8
	13 - 20	-0.0 ± 0.1	8	0.4 ± 0.2	8	1.7 ± 0.4 *	8
	20 - 28	-0.2 ± 0.1 **	8	-0.5 ± 0.2 **	8	-0.6 ± 0.3 **	8
	0 - 28	0.3 ± 0.2 **	8	0.8 ± 0.3 **	8	3.0 ± 0.4	8

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Lab: BRT with ILS

Females: Immunopath

Phase	Days	Treatment Groups (mg/kg)											
		0		2		5		9		19		38	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 6	0.1 ± 0.3 **	8	0.2 ± 0.2	8	-0.0 ± 0.3	8	-0.4 ± 0.2	8	-0.5 ± 0.3	8	0.2 ± 0.2	8
	6 - 13	0.8 ± 0.3	8	0.7 ± 0.2	8	0.7 ± 0.4	8	1.0 ± 0.3	8	1.0 ± 0.2	8	0.8 ± 0.3	8
	13 - 20	0.0 ± 0.2 **	8	0.8 ± 0.2	8	0.6 ± 0.1	8	0.4 ± 0.2	8	0.3 ± 0.3	8	0.2 ± 0.3	8
	20 - 28	0.0 ± 0.3 **	8	-0.2 ± 0.3	8	-0.0 ± 0.3	8	-0.4 ± 0.3	8	-0.2 ± 0.3	8	-0.8 ± 0.3	8
	0 - 28	1.0 ± 0.6 **	8	1.5 ± 0.6	8	1.2 ± 0.5	8	0.7 ± 0.5	8	0.6 ± 0.4	8	0.4 ± 0.3	8

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Lab: BRT with ILS

Females: Immunopath

Phase	Days	Treatment Groups (mg/kg)					
		75		150		50 mg/kg CPS	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	0 - 6	-0.3 ± 0.2	8	-1.2 ± 0.3 **	8	1.0 ± 0.4	8
	6 - 13	0.7 ± 0.1	8	0.9 ± 0.3	8	1.3 ± 0.2	8
	13 - 20	-0.0 ± 0.1	8	-0.1 ± 0.2	8	1.0 ± 0.2 **	8
	20 - 28	-0.9 ± 0.2	8	-0.7 ± 0.2	8	-1.1 ± 0.2 **	8
	0 - 28	-0.5 ± 0.4 *	8	-1.2 ± 0.4 **	8	2.1 ± 0.5	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 ****