

Experiment Number: R92025B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 07/26/2018
Time Report Requested: 10:40:44
Lab: RTI

C Number: R92025B
Study Gender: Both
PWG Approval Date See web page for date of PWG Approval

Experiment Number: R92025B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 07/26/2018
Time Report Requested: 10:40:44
Lab: RTI

F1 Pups

Treatment Groups (ppm)

Phase	Litter ID	0		750			2500		
		WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND1	A	7.02 ± 0.12 **	22 (297)	6.84 ± 0.09	97.41	22 (279)	6.24 ± 0.10 **	88.89	15 (121)
PND4	A	10.48 ± 0.18 **	22 (296)	9.74 ± 0.21 *	92.98	22 (275)	8.29 ± 0.25 **	79.16	15 (119)
PND1	B	7.07 ± 0.12 **	19 (254)	7.10 ± 0.07	100.47	23 (290)	6.73 ± 0.09 *	95.17	17 (135)
PND4	B	10.54 ± 0.20 **	19 (253)	10.24 ± 0.16	97.16	23 (288)	9.12 ± 0.22 **	86.53	17 (133)
PND1	C	6.89 ± 0.17	19 (227)	6.98 ± 0.10	101.30	22 (272)	6.70 ± 0.15	97.22	15 (144)
PND4 ^a	C	9.83 ± 0.32 *	19 (224)	9.48 ± 0.22	96.47	22 (270)	8.96 ± 0.31 *	91.19	15 (141)
PND7	C	14.35 ± 0.54 **	19 (200)	13.75 ± 0.33	95.81	22 (235)	12.09 ± 0.46 **	84.23	15 (132)
PND10	C	20.21 ± 0.80 **	19 (200)	19.36 ± 0.47	95.78	22 (234)	16.80 ± 0.66 **	83.08	15 (131)
PND13	C	26.63 ± 1.13 **	19 (199)	25.73 ± 0.54	96.60	22 (232)	22.64 ± 0.74 **	85.02	15 (128)
PND16	C	33.04 ± 1.42 **	19 (198)	32.23 ± 0.63	97.55	22 (232)	29.02 ± 0.81 **	87.84	15 (127)
PND19	C	40.72 ± 1.62 **	19 (198)	39.13 ± 0.81	96.10	22 (232)	35.11 ± 1.11 **	86.23	15 (127)
PND21	C	47.87 ± 1.79 **	19 (198)	45.63 ± 1.00	95.31	22 (232)	40.38 ± 1.23 **	84.35	15 (127)
PND25	C	65.80 ± 2.22 **	19 (198)	62.72 ± 1.10 *	95.32	22 (232)	53.46 ± 1.44 **	81.25	15 (127)
PND28	C	81.31 ± 2.43 **	19 (198)	77.17 ± 1.21 *	94.91	22 (232)	65.45 ± 1.51 **	80.50	15 (127)
PND1	D	6.60 ± 0.14	12 (127)	NR			6.52 ± 0.20	98.77	9 (97)
PND4	D	9.21 ± 0.35	12 (126)	NR			8.72 ± 0.36	94.74	9 (97)
PND1	E	NR		NR			NR		
PND4	E	NR		NR			NR		

Experiment Number: R92025B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 07/26/2018
Time Report Requested: 10:40:44
Lab: RTI

F1 Pups

Treatment Groups (ppm)

Phase	Litter ID	5000			0 NF		2500 NF		
		WT (g)	% of CNTL	N (# of pups)	WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND1	A	4.71	67.02	1 (4)	NR		NR		
PND4	A	6.66	63.59	1 (2)	NR		NR		
PND1	B	5.20	73.59	1 (2)	NR		NR		
PND4	B	6.73	63.84	1 (2)	NR		NR		
PND1	C	NR			NR		NR		
PND4 ^a	C	NR			NR		NR		
PND7	C	NR			NR		NR		
PND10	C	NR			NR		NR		
PND13	C	NR			NR		NR		
PND16	C	NR			NR		NR		
PND19	C	NR			NR		NR		
PND21	C	NR			NR		NR		
PND25	C	NR			NR		NR		
PND28	C	NR			NR		NR		
PND1	D	NR			NR		NR		
PND4	D	NR			NR		NR		
PND1	E	NR			6.80 ± 0.06	16 (211)	6.82 ± 0.14	100.28	15 (154)
PND4	E	NR			9.87 ± 0.14	16 (209)	9.54 ± 0.37	96.74	15 (152)

Experiment Number: R92025B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 07/26/2018
Time Report Requested: 10:40:44
Lab: RTI

F1 Pups

Phase	Litter ID	Treatment Groups (ppm)		
		5000 NF		
		WT (g)	% of CNTL	N (# of pups)
PND1	A	NR		
PND4	A	NR		
PND1	B	NR		
PND4	B	NR		
PND1	C	NR		
PND4 ^a	C	NR		
PND7	C	NR		
PND10	C	NR		
PND13	C	NR		
PND16	C	NR		
PND19	C	NR		
PND21	C	NR		
PND25	C	NR		
PND28	C	NR		
PND1	D	NR		
PND4	D	NR		
PND1	E	6.70 ± 0.11	98.60	6 (68)
PND4	E	9.74 ± 0.25	98.74	6 (68)

Experiment Number: R92025B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 07/26/2018
Time Report Requested: 10:40:44
Lab: RTI

F1 Males

Treatment Groups (ppm)

Phase	Litter ID	0		750			2500		
		WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND1	A	7.17 ± 0.13 **	22 (159)	7.01 ± 0.10	97.80	22 (139)	6.46 ± 0.13 **	90.15	14 (46)
PND4	A	10.57 ± 0.19 **	22 (158)	9.90 ± 0.20 *	93.66	22 (136)	8.60 ± 0.30 **	81.38	14 (46)
PND1	B	7.31 ± 0.13 **	19 (120)	7.30 ± 0.09	99.79	23 (149)	6.84 ± 0.18 *	93.59	17 (54)
PND4	B	10.90 ± 0.22 **	19 (120)	10.49 ± 0.19	96.25	23 (148)	9.23 ± 0.35 **	84.70	17 (53)
PND1	C	7.13 ± 0.12	18 (110)	7.16 ± 0.11	100.46	22 (138)	6.95 ± 0.18	97.42	15 (67)
PND4 ^a	C	10.34 ± 0.29 *	18 (110)	9.87 ± 0.25	95.43	22 (136)	9.44 ± 0.38 *	91.27	15 (66)
PND7	C	15.14 ± 0.36 **	18 (100)	14.26 ± 0.34	94.18	22 (116)	12.42 ± 0.58 **	82.04	15 (63)
PND10	C	21.38 ± 0.48 **	18 (100)	20.08 ± 0.50	93.91	22 (115)	17.37 ± 0.73 **	81.25	15 (62)
PND13	C	28.18 ± 0.52 **	18 (99)	26.54 ± 0.56	94.18	22 (115)	23.06 ± 0.88 **	81.82	15 (61)
PND16	C	35.01 ± 0.57 **	18 (99)	33.29 ± 0.65	95.08	22 (115)	29.43 ± 0.91 **	84.06	15 (60)
PND19	C	43.00 ± 0.82 **	18 (99)	40.46 ± 0.85	94.09	22 (115)	35.68 ± 1.24 **	82.96	15 (60)
PND21	C	50.95 ± 0.91 **	18 (99)	47.54 ± 1.05 *	93.31	22 (115)	41.26 ± 1.41 **	80.98	15 (60)
PND25	C	70.27 ± 1.18 **	18 (99)	65.93 ± 1.18 *	93.83	22 (115)	55.44 ± 1.70 **	78.89	15 (60)
PND28	C	87.60 ± 1.35 **	18 (99)	81.66 ± 1.32 **	93.22	22 (115)	68.61 ± 1.87 **	78.32	15 (60)
PND1	D	6.72 ± 0.13	12 (59)	NR			6.86 ± 0.21	102.08	9 (46)
PND4	D	9.34 ± 0.38	12 (58)	NR			9.11 ± 0.38	97.54	9 (46)
PND1	E	NR		NR			NR		
PND4	E	NR		NR			NR		

Experiment Number: R92025B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 07/26/2018
Time Report Requested: 10:40:44
Lab: RTI

F1 Males

Treatment Groups (ppm)

Phase	Litter ID	5000			0 NF		2500 NF		
		WT (g)	% of CNTL	N (# of pups)	WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND1	A	4.79	66.83	1 (3)	NR		NR		
PND4	A	6.59	62.33	1 (2)	NR		NR		
PND1	B	5.74	78.51	1 (1)	NR		NR		
PND4	B	7.08	64.92	1 (1)	NR		NR		
PND1	C	NR			NR		NR		
PND4 ^a	C	NR			NR		NR		
PND7	C	NR			NR		NR		
PND10	C	NR			NR		NR		
PND13	C	NR			NR		NR		
PND16	C	NR			NR		NR		
PND19	C	NR			NR		NR		
PND21	C	NR			NR		NR		
PND25	C	NR			NR		NR		
PND28	C	NR			NR		NR		
PND1	D	NR			NR		NR		
PND4	D	NR			NR		NR		
PND1	E	NR			6.92 ± 0.08	16 (105)	7.01 ± 0.16	101.38	14 (72)
PND4	E	NR			9.92 ± 0.15	16 (104)	9.62 ± 0.38	96.94	14 (72)

Experiment Number: R92025B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 07/26/2018
Time Report Requested: 10:40:44
Lab: RTI

F1 Males

Phase	Litter ID	Treatment Groups (ppm)		
		5000 NF		
		WT (g)	% of CNTL	N (# of pups)
PND1	A	NR		
PND4	A	NR		
PND1	B	NR		
PND4	B	NR		
PND1	C	NR		
PND4 ^a	C	NR		
PND7	C	NR		
PND10	C	NR		
PND13	C	NR		
PND16	C	NR		
PND19	C	NR		
PND21	C	NR		
PND25	C	NR		
PND28	C	NR		
PND1	D	NR		
PND4	D	NR		
PND1	E	6.82 ± 0.11	98.55	6 (33)
PND4	E	9.85 ± 0.30	99.31	6 (33)

Experiment Number: R92025B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 07/26/2018
Time Report Requested: 10:40:44
Lab: RTI

F1 Females

Treatment Groups (ppm)

Phase	Litter ID	0		750			2500		
		WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND1	A	6.85 ± 0.12 **	22 (138)	6.70 ± 0.09	97.81	22 (140)	6.03 ± 0.11 **	88.06	15 (75)
PND4	A	10.28 ± 0.16 **	22 (138)	9.56 ± 0.22 *	93.01	22 (139)	8.04 ± 0.27 **	78.20	15 (73)
PND1	B	6.86 ± 0.13 *	19 (134)	6.88 ± 0.09	100.40	23 (141)	6.57 ± 0.08	95.79	17 (81)
PND4	B	10.24 ± 0.19 **	19 (133)	9.95 ± 0.18	97.12	23 (140)	8.87 ± 0.21 **	86.64	17 (80)
PND1	C	6.78 ± 0.17 *	19 (117)	6.78 ± 0.10	99.99	22 (134)	6.46 ± 0.14	95.29	15 (77)
PND4 ^a	C	9.46 ± 0.34 *	19 (114)	9.07 ± 0.21	95.86	22 (134)	8.46 ± 0.32 *	89.49	15 (75)
PND7	C	13.93 ± 0.52 **	19 (100)	13.16 ± 0.36	94.51	22 (119)	11.54 ± 0.49 **	82.88	15 (69)
PND10	C	19.66 ± 0.79 **	19 (100)	18.52 ± 0.50	94.18	22 (119)	15.97 ± 0.77 **	81.21	15 (69)
PND13	C	26.02 ± 1.09 **	19 (100)	24.74 ± 0.56	95.07	22 (117)	22.20 ± 0.73 **	85.34	15 (67)
PND16	C	32.33 ± 1.32 **	19 (99)	30.94 ± 0.64	95.71	22 (117)	28.26 ± 0.88 **	87.43	15 (67)
PND19	C	39.76 ± 1.50 **	19 (99)	37.52 ± 0.82	94.36	22 (117)	34.21 ± 1.19 **	86.05	15 (67)
PND21	C	46.35 ± 1.67 **	19 (99)	43.42 ± 1.00	93.68	22 (117)	38.94 ± 1.34 **	84.01	15 (67)
PND25	C	63.21 ± 2.03 **	19 (99)	59.27 ± 1.12 *	93.77	22 (117)	50.81 ± 1.59 **	80.38	15 (67)
PND28	C	77.17 ± 2.15 **	19 (99)	72.52 ± 1.22 *	93.98	22 (117)	61.82 ± 1.66 **	80.11	15 (67)
PND1	D	6.52 ± 0.18	12 (68)	NR			6.10 ± 0.25	93.52	9 (51)
PND4	D	9.15 ± 0.37	12 (68)	NR			8.20 ± 0.31	89.59	9 (51)
PND1	E	NR		NR			NR		
PND4	E	NR		NR			NR		

Experiment Number: R92025B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 07/26/2018
Time Report Requested: 10:40:44
Lab: RTI

F1 Females

Treatment Groups (ppm)

Phase	Litter ID	5000			0 NF		2500 NF		
		WT (g)	% of CNTL	N (# of pups)	WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND1	A	4.45	64.97	1 (1)	NR		NR		
PND4	A	NR			NR		NR		
PND1	B	4.62	67.43	1 (1)	NR		NR		
PND4	B	6.30	61.56	1 (1)	NR		NR		
PND1	C	NR			NR		NR		
PND4 ^a	C	NR			NR		NR		
PND7	C	NR			NR		NR		
PND10	C	NR			NR		NR		
PND13	C	NR			NR		NR		
PND16	C	NR			NR		NR		
PND19	C	NR			NR		NR		
PND21	C	NR			NR		NR		
PND25	C	NR			NR		NR		
PND28	C	NR			NR		NR		
PND1	D	NR			NR		NR		
PND4	D	NR			NR		NR		
PND1	E	NR			6.67 ± 0.06	16 (106)	6.60 ± 0.15	98.95	15 (82)
PND4	E	NR			9.71 ± 0.16	16 (105)	9.22 ± 0.43	94.97	15 (80)

Experiment Number: R92025B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 07/26/2018
Time Report Requested: 10:40:44
Lab: RTI

F1 Females

Phase	Litter ID	Treatment Groups (ppm)		
		5000 NF		
		WT (g)	% of CNTL	N (# of pups)
PND1	A	NR		
PND4	A	NR		
PND1	B	NR		
PND4	B	NR		
PND1	C	NR		
PND4 ^a	C	NR		
PND7	C	NR		
PND10	C	NR		
PND13	C	NR		
PND16	C	NR		
PND19	C	NR		
PND21	C	NR		
PND25	C	NR		
PND28	C	NR		
PND1	D	NR		
PND4	D	NR		
PND1	E	6.63 ± 0.14	99.31	6 (35)
PND4	E	9.69 ± 0.28	99.82	6 (35)

Experiment Number: R92025B

Test Type: RACB

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary

Test Compound: 4-Methylimidazole

CAS Number: 822-36-6

Date Report Requested: 07/26/2018

Time Report Requested: 10:40:44

Lab: RTI

F2 Pups

Phase Day	Litter ID	Treatment Groups (ppm)							
		0		750			2500		
		WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND1	A	6.90 ± 0.12 **	33 (358)	7.19 ± 0.11	104.15	32 (305)	6.45 ± 0.15 *	93.42	27 (187)
PND4	A	10.15 ± 0.30 **	32 (344)	10.26 ± 0.32	101.15	32 (301)	8.98 ± 0.27 **	88.54	26 (181)
PND1	B	7.04 ± 0.09 **	34 (446)	7.05 ± 0.08	100.22	36 (428)	6.45 ± 0.12 **	91.68	29 (260)
PND4	B	9.66 ± 0.21 **	34 (444)	9.93 ± 0.18	102.84	36 (420)	8.70 ± 0.17 **	90.06	29 (255)
PND1	C	7.14 ± 0.13 *	28 (262)	7.33 ± 0.13	102.66	33 (304)	6.81 ± 0.13	95.43	22 (170)
PND4 ^a	C	9.83 ± 0.33 **	28 (253)	10.26 ± 0.26	104.40	33 (297)	8.61 ± 0.28 **	87.58	22 (165)
PND7	C	13.79 ± 0.51 **	27 (222)	14.30 ± 0.41	103.74	33 (284)	11.99 ± 0.40 *	86.93	22 (153)
PND10	C	19.05 ± 0.72 **	27 (212)	19.35 ± 0.59	101.55	33 (276)	16.05 ± 0.62 **	84.27	22 (150)
PND13	C	25.38 ± 0.85 **	27 (207)	25.59 ± 0.78	100.80	33 (266)	21.65 ± 0.80 **	85.30	22 (145)
PND16	C	32.15 ± 0.94 **	27 (206)	32.36 ± 0.95	100.67	33 (265)	27.60 ± 0.93 **	85.85	22 (145)
PND19	C	38.65 ± 1.09 **	27 (205)	38.56 ± 1.22	99.78	33 (265)	33.15 ± 1.12 **	85.76	22 (145)
PND21	C	46.16 ± 1.37 **	27 (205)	45.97 ± 1.55	99.58	33 (264)	38.09 ± 1.30 **	82.52	22 (145)
PND25	C	62.65 ± 1.86 **	27 (205)	62.15 ± 1.91	99.20	33 (264)	50.06 ± 1.61 **	79.91	22 (145)
PND28	C	77.77 ± 2.18 **	27 (205)	77.15 ± 2.21	99.20	33 (264)	62.20 ± 1.88 **	79.98	22 (145)

Experiment Number: R92025B

Test Type: RACB

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary

Test Compound: 4-Methylimidazole

CAS Number: 822-36-6

Date Report Requested: 07/26/2018

Time Report Requested: 10:40:44

Lab: RTI

F2 Males

Phase Day	Litter ID	Treatment Groups (ppm)							
		0		750			2500		
		WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND1	A	7.07 ± 0.14 **	33 (159)	7.38 ± 0.11	104.41	32 (151)	6.56 ± 0.17 *	92.83	26 (86)
PND4	A	10.29 ± 0.33 **	32 (151)	10.70 ± 0.22	103.97	31 (148)	9.12 ± 0.29 *	88.63	25 (82)
PND1	B	7.23 ± 0.11 **	34 (212)	7.23 ± 0.09	100.01	35 (227)	6.58 ± 0.12 **	90.96	29 (132)
PND4	B	9.93 ± 0.23 **	34 (209)	10.11 ± 0.19	101.77	35 (223)	8.89 ± 0.19 **	89.48	29 (131)
PND1	C	7.35 ± 0.13	28 (127)	7.48 ± 0.18	101.82	33 (155)	6.96 ± 0.15	94.70	20 (78)
PND4 ^a	C	10.11 ± 0.34 **	28 (124)	10.68 ± 0.28	105.62	32 (152)	9.04 ± 0.31 *	89.39	20 (77)
PND7	C	14.34 ± 0.51 **	26 (114)	14.87 ± 0.46	103.68	32 (143)	12.26 ± 0.49 *	85.48	20 (72)
PND10	C	20.40 ± 0.61 **	25 (109)	20.15 ± 0.65	98.78	32 (139)	16.33 ± 0.65 **	80.04	20 (71)
PND13	C	26.92 ± 0.72 **	25 (108)	26.47 ± 0.87	98.31	32 (133)	22.17 ± 0.76 **	82.34	20 (69)
PND16	C	34.07 ± 0.74 **	25 (107)	33.42 ± 1.06	98.10	32 (132)	28.11 ± 0.91 **	82.51	20 (69)
PND19	C	40.76 ± 0.89 **	25 (107)	40.10 ± 1.36	98.38	32 (132)	33.79 ± 1.06 **	82.90	20 (69)
PND21	C	48.85 ± 1.11 **	25 (107)	47.89 ± 1.74	98.03	32 (132)	39.25 ± 1.29 **	80.33	20 (69)
PND25	C	67.09 ± 1.53 **	25 (107)	65.60 ± 2.22	97.79	32 (132)	52.59 ± 1.57 **	78.39	20 (69)
PND28	C	84.02 ± 1.80 **	25 (107)	82.05 ± 2.59	97.66	32 (132)	66.04 ± 1.91 **	78.60	20 (69)

Experiment Number: R92025B

Test Type: RACB

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary

Test Compound: 4-Methylimidazole

CAS Number: 822-36-6

Date Report Requested: 07/26/2018

Time Report Requested: 10:40:44

Lab: RTI

F2 Females

Phase Day	Litter ID	Treatment Groups (ppm)							
		0		750			2500		
		WT (g)	N (# of pups)	WT (g)	% of CNTL	N (# of pups)	WT (g)	% of CNTL	N (# of pups)
PND1	A	6.85 ± 0.11 **	31 (199)	6.98 ± 0.11	101.96	32 (154)	6.40 ± 0.13 *	93.54	24 (101)
PND4	A	10.10 ± 0.27 **	30 (193)	10.00 ± 0.32	98.98	32 (153)	8.94 ± 0.21 **	88.50	24 (99)
PND1	B	6.88 ± 0.09 **	34 (234)	6.85 ± 0.09	99.63	36 (201)	6.26 ± 0.13 **	90.98	29 (128)
PND4	B	9.45 ± 0.22 **	34 (235)	9.70 ± 0.18	102.65	36 (197)	8.48 ± 0.20 **	89.76	29 (124)
PND1	C	6.91 ± 0.14	27 (135)	7.04 ± 0.14	101.94	32 (149)	6.72 ± 0.13	97.21	22 (92)
PND4 ^a	C	9.62 ± 0.25 **	27 (129)	9.73 ± 0.29	101.14	32 (145)	8.34 ± 0.24 **	86.66	22 (88)
PND7	C	13.10 ± 0.53 *	27 (108)	13.58 ± 0.44	103.64	32 (141)	11.74 ± 0.38	89.63	22 (81)
PND10	C	18.05 ± 0.76 *	27 (103)	18.44 ± 0.59	102.16	32 (137)	15.88 ± 0.64	87.96	22 (79)
PND13	C	24.35 ± 0.87 **	27 (99)	24.91 ± 0.66	102.29	32 (133)	21.33 ± 0.83 *	87.61	22 (76)
PND16	C	30.85 ± 0.95 **	27 (99)	31.73 ± 0.69	102.84	32 (133)	27.30 ± 0.95 *	88.48	22 (76)
PND19	C	37.17 ± 1.09 **	27 (98)	37.81 ± 0.79	101.72	32 (133)	32.82 ± 1.12 **	88.30	22 (76)
PND21	C	44.24 ± 1.35 **	27 (98)	44.93 ± 0.95	101.57	32 (132)	37.44 ± 1.28 **	84.64	22 (76)
PND25	C	59.31 ± 1.78 **	27 (98)	59.81 ± 1.09	100.85	32 (132)	48.36 ± 1.51 **	81.54	22 (76)
PND28	C	72.96 ± 2.05 **	27 (98)	73.59 ± 1.26	100.87	32 (132)	59.54 ± 1.64 **	81.61	22 (76)

Experiment Number: R92025B
Test Type: RACB
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

R19: Pup Mean Body Weight Summary
Test Compound: 4-Methylimidazole
CAS Number: 822-36-6

Date Report Requested: 07/26/2018
Time Report Requested: 10:40:44
Lab: RTI

LEGEND

N(# of pups) = the number of litters examined (number of pups)

PND4 weights are precull if litters are culled on postnatal day 4.

Data are displayed as the means and standard errors of the litter means.

PND - Postnatal Day, pups pre-weaning

Pup weights are adjusted for covariate litter size. Total live on PND 1 for day 1 to cull day, and number of live pups after culling for later weight days if litters culled. If litters were not culled, the total live on PND 1 was used for the entire postnatal period.

Statistical analysis was performed using mixed models with dam ID as a random effect for both trend and pairwise tests, using Dunnett-Hsu adjustment for multiple comparisons.

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

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

D Litter is crossover mating of dosed F0 Females with naive F0 Males

E Litter is crossover mating of F0 naive Females with dosed F0 Males (doses listed are for the doses of the F0 Males)

NF = Naive Females

NR not recorded

**** END OF REPORT ****