Summary of Estrous Stages and Cycle Data, Study R92025B, 4-Methylimidazole, F0 Rats

Dose (ppm)	Estrous stage (percent)					Cycle length[a] (days)			Number of cycles[a]		
	Proestrus	Estrus	Metestrus	Diestrus	NC[b]	Mean	S.E.	N	Mean	S.E.	N
0	12.8	47.7	2.6	35.2	1.7	5.3	0.21	17	1.8	0.11	17
750	13.6	47.3	2.4	35.9	0.8	5.4	0.21	21	1.9	0.15	21
2500	12.2	48.4	3.0	36.2	0.3	5.9	0.43	17	1.6	0.15	17
5000	13.0	35.9	1.0	49.0	1.0	5.8	0.68	12	1.5	0.15	12

a: Each dose group is compared to the control with Shirley's test when a trend is present, P<0.01 from Jonckheere's trend test, otherwise Dunn's test is applied [**=P<.01, *=P<.05]

b: NC = Not clear, poor quality, or insufficient number of cells

Summary of Estrous Stages and Cycle Data, Study R92025B, 4-Methylimidazole, F1c Parental Rats

Dose ppm	Estrous stage[e] (percent)					Cycle length[a,c,e] (days)			Number of cycles[a,e]		
	Proestrus	Estrus	Metestrus	Diestrus	NC[b]	Mean	S.E.	N[d]	Mean	S.E.	N[d]
0	11.4	33.8	0.8	51.9	2.2	5.0	0.23	40 [19]	1.9	0.07	40 [19]
750	9.5	33.0	2.3	53.6	1.7	4.8	0.06	42 [22]	2.1	0.05	42 [22]
2500	11.4	30.1	2.4	54.5	1.6	5.1*	0.07	39 [15]	2.0	0.04	39 [15]

a: Each dose group is compared to the control using the Datta-Satten modified Wilcoxon test with the Hommel adjustment for multiple comparisons. [**=P<.01, *=P<.05]

b: NC = Not clear, poor quality, or insufficient number of cells

c: Control animal 1130 had a cycle length of 13 days. This affected the Dose 0 mean but not the rank-based comparisons.

d: Number of animals [number of litters]

e: Estrous stage percent values are based on overall time in each stage. Mean and S.E. values for cycle length and number of cycles are calculated from the litter means.