

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
ALT (U/L)	-1	Mean	30 ¹	39	27	35	40	41
		S.D.	6	17	5	6	21	9
		N	4	4	4	4	4	4
	1	Mean	45 ^{R2}	39	24	30	34	52
		S.D.	28	21	1	4	13	12
		N	4	4	4	4	4	4
	2	Mean	38 ^{L3}	32	22	33	35	61
		S.D.	25	12	2	4	12	32
		N	4	4	4	4	4	4
	3	Mean	34 ^{L3}	33	24	33	39	53
		S.D.	14	14	2	3	16	13
		N	4	4	4	4	4	3
	4	Mean	29 ¹	32	25	29	41	60 ^{d4}
		S.D.	7	13	5	4	17	17
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

3 [L - Automatic Transformation Selected: Log]

2 [R - Automatic Transformation Selected: Rank]

4 [d - Test: Dunnett 2 Sided p < 0.05]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
ALP (U/L)	-1	Mean	1364 I ¹	1184	1413	1596	1420	1386
		S.D.	372	550	383	608	282	610
		N	4	4	4	4	4	4
	1	Mean	1492 I ¹	1430	1741	1746	1535	1200
		S.D.	473	901	389	716	220	447
		N	4	4	4	4	4	4
	2	Mean	1644 I ¹	1581	1966	2030	1572	1222
		S.D.	524	975	475	817	239	747
		N	4	4	4	4	4	4
	3	Mean	1439 I ¹	1412	1815	1843	1506	753
		S.D.	374	843	418	664	323	311
		N	4	4	4	4	4	3
	4	Mean	1431 I ¹	1309	1726	1734	1417	702
		S.D.	419	784	466	523	373	186
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
LD (U/L)	-1	Mean	298 I ¹	309	262	286	366	325
		S.D.	61	72	18	43	138	76
		N	4	4	4	4	4	4
	1	Mean	356 L ²	396	323	288	320	443
		S.D.	112	174	35	20	40	97
		N	4	4	4	4	4	4
	2	Mean	286 L ²	350	271	291	330	413
		S.D.	61	133	18	26	61	126
		N	4	4	4	4	4	4
	3	Mean	314 I ¹	352	262	299	323	334
		S.D.	67	133	24	54	65	101
		N	4	4	4	4	4	3
	4	Mean	293 I ¹	324	284	286	265	331
		S.D.	52	88	58	23	38	110
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [L - Automatic Transformation Selected: Log]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
CK (U/L)	-1	Mean	148 L ¹	131	121	225	106	128
		S.D.	47	24	50	148	18	35
		N	4	4	4	4	4	4
	1	Mean	119 I ²	129	112	131	155	206
		S.D.	36	33	45	39	119	103
		N	4	4	4	4	4	4
	2	Mean	162 I ²	115	103	181	118	145
		S.D.	62	36	35	65	15	57
		N	4	4	4	4	4	4
	3	Mean	146 I ²	111	107	218	130	200
		S.D.	47	16	46	63	42	85
		N	4	4	4	4	4	3
	4	Mean	155 R ³	106	92	298	127	181
		S.D.	79	19	22	316	27	50
		N	4	4	4	4	4	3

1 [L - Automatic Transformation Selected: Log]

3 [R - Automatic Transformation Selected: Rank]

2 [I - Automatic Transformation Selected: Identity (No Transformation)]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
GGT (U/L)	-1	Mean	43.7 ¹	63.0	46.7	50.5	63.6	52.1
		S.D.	4.1	20.0	10.3	6.3	14.4	17.9
		N	4	4	4	4	4	4
	1	Mean	43.3 ²	61.6	44.8	45.8	56.6	48.4
		S.D.	4.9	18.6	7.1	1.1	11.2	14.7
		N	4	4	4	4	4	4
	2	Mean	39.9 ²	58.6	43.9	41.8	46.5	76.0
		S.D.	3.4	17.2	7.6	2.3	6.1	78.0
		N	4	4	4	4	4	4
	3	Mean	41.8 ³	60.2	44.7	42.6	48.7	34.4
		S.D.	4.4	18.0	8.8	1.7	6.3	4.0
		N	4	4	4	4	4	3
	4	Mean	41.4 ²	58.6	44.6	42.1	45.0	47.0
		S.D.	4.8	17.8	8.9	1.0	4.5	25.3
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [R - Automatic Transformation Selected: Rank]

3 [L - Automatic Transformation Selected: Log]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
GLDH (U/L)	-1	Mean	10 L ¹	12	13	11	18	17
		S.D.	3	4	5	1	12	3
		N	4	4	4	4	4	4
	1	Mean	25 R ²	13	10	11	12	34
		S.D.	28	5	1	2	5	30
		N	4	4	4	4	4	4
	2	Mean	14 R ²	12	10	11	17	73
		S.D.	8	3	1	3	13	128
		N	4	4	4	4	4	4
	3	Mean	13 R ²	12	10	10	31	15
		S.D.	5	4	1	2	40	10
		N	4	4	4	4	4	3
	4	Mean	11 L ¹	12	12	10	24	22
		S.D.	4	3	3	2	23	17
		N	4	4	4	4	4	3

1 [L - Automatic Transformation Selected: Log]

2 [R - Automatic Transformation Selected: Rank]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
LAP (U/L)	-1	Mean	47 ¹	66	61	51	79	62
		S.D.	14	12	8	9	33	22
		N	4	4	4	4	4	4
	1	Mean	44 ^{L²}	60	55	43	60	62
		S.D.	13	11	8	5	16	33
		N	4	4	4	4	4	4
	2	Mean	43 ^{R³}	59	55	43	49	207
		S.D.	13	10	8	8	9	329
		N	4	4	4	4	4	4
	3	Mean	46 ¹	58	55	43	50	41
		S.D.	13	9	7	7	9	8
		N	4	4	4	4	4	3
	4	Mean	45 ^{R³}	57	54	43	48	78
		S.D.	12	11	6	6	9	69
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [L - Automatic Transformation Selected: Log]

3 [R - Automatic Transformation Selected: Rank]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
GLU (mg/dL)	-1	Mean	80 ¹	84	77	85	85	100
		S.D.	19	14	10	11	14	10
		N	4	4	4	4	4	4
	1	Mean	77 ¹	73	80	75	66	62
		S.D.	5	7	10	5	8	15
		N	4	4	4	4	4	4
	2	Mean	89 ¹	82	86	88	76	80
		S.D.	9	12	9	8	20	12
		N	4	4	4	4	4	4
	3	Mean	90 ¹	80	84	90	79	89
		S.D.	7	6	9	11	18	14
		N	4	4	4	4	4	3
	4	Mean	89 ¹	85	80	96	86	84
		S.D.	14	20	7	19	12	8
		N	4	4	4	4	4	3

1 [- Automatic Transformation Selected: Identity (No Transformation)]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
BIL (mg/dL)	-1	Mean	0.16 I ¹	0.19	0.20	0.14	0.20	0.13
		S.D.	0.07	0.10	0.17	0.03	0.10	0.03
		N	4	4	4	4	4	4
	1	Mean	0.15 R ²	0.19	0.32	0.11	0.18	0.70
		S.D.	0.02	0.09	0.38	0.01	0.08	0.49
		N	4	4	4	4	4	4
	2	Mean	0.11 R ²	0.15	0.17	0.10	0.11	1.22
		S.D.	0.01	0.02	0.15	0.02	0.03	1.25
		N	4	4	4	4	4	4
	3	Mean	0.08 R ²	0.14	0.17	0.09	0.08	0.49
		S.D.	0.01	0.04	0.19	0.02	0.03	0.25
		N	4	4	4	4	4	3
	4	Mean	0.09 R ²	0.12	0.19	0.08	0.09	0.48
		S.D.	0.02	0.03	0.21	0.00	0.03	0.39
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [R - Automatic Transformation Selected: Rank]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
UN (mg/dL)	-1	Mean	21.1 ¹	19.6	19.7	17.7	17.0 ^{d3}	21.1
		S.D.	2.6	0.3	2.7	1.9	1.1	1.8
		N	4	4	4	4	4	4
	1	Mean	19.8 ^{R2}	16.7	18.2	17.2	15.7	24.0
		S.D.	1.1	2.3	3.5	0.8	2.1	7.6
		N	4	4	4	4	4	4
	2	Mean	19.7 ^{R2}	17.8	19.4	17.2	15.5	27.2
		S.D.	2.4	3.0	3.5	1.5	0.8	17.1
		N	4	4	4	4	4	4
	3	Mean	21.2 ¹	17.6	21.0	17.4	16.7	20.3
		S.D.	0.7	2.2	4.3	1.7	1.7	3.0
		N	4	4	4	4	4	3
	4	Mean	21.0 ¹	19.4	20.0	18.1	16.7	20.8
		S.D.	1.5	2.0	4.0	2.0	1.3	4.7
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [R - Automatic Transformation Selected: Rank]

3 [d - Test: Dunnett 2 Sided p < 0.05]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
CRE (mg/dL)	-1	Mean	0.90 ¹	0.78	0.76	0.94	0.79	0.77
		S.D.	0.10	0.09	0.06	0.20	0.08	0.18
		N	4	4	4	4	4	4
	1	Mean	0.92 ^{L²}	0.80	0.84	0.92	0.90	1.10
		S.D.	0.10	0.08	0.08	0.20	0.09	0.35
		N	4	4	4	4	4	4
	2	Mean	0.88 ¹	0.82	0.83	0.93	0.86	1.01
		S.D.	0.06	0.11	0.06	0.22	0.10	0.26
		N	4	4	4	4	4	4
	3	Mean	0.88 ¹	0.80	0.80	0.90	0.89	0.85
		S.D.	0.09	0.08	0.07	0.17	0.09	0.11
		N	4	4	4	4	4	3
	4	Mean	0.88 ¹	0.83	0.82	0.93	0.89	0.82
		S.D.	0.09	0.10	0.08	0.20	0.13	0.14
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [L - Automatic Transformation Selected: Log]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
CHO (mg/dL)	-1	Mean	137 ¹	141	139	139	121	129
		S.D.	14	28	26	14	31	11
		N	4	4	4	4	4	4
	1	Mean	129 ¹	128	142	122	111	119
		S.D.	23	14	21	20	19	21
		N	4	4	4	4	4	4
	2	Mean	129 ¹	124	129	119	96 ^{d2}	105
		S.D.	22	12	14	18	21	7
		N	4	4	4	4	4	4
	3	Mean	131 ¹	131	134	124	108	106
		S.D.	23	14	18	27	24	13
		N	4	4	4	4	4	3
	4	Mean	130 ¹	131	133	122	100	109
		S.D.	24	18	19	24	16	12
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [d - Test: Dunnett 2 Sided p < 0.05]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
TG (mg/dL)	-1	Mean	18 ¹	28	28	26	17	30
		S.D.	4	8	14	11	3	7
		N	4	4	4	4	4	4
	1	Mean	21 ¹	32	30	38	30	52 ^{d2}
		S.D.	8	15	13	14	4	21
		N	4	4	4	4	4	4
	2	Mean	24 ¹	46	36	50	40	73 ^{d2}
		S.D.	6	22	19	25	11	31
		N	4	4	4	4	4	4
	3	Mean	32 ¹	27	31	37	40	52
		S.D.	18	9	24	25	18	2
		N	4	4	4	4	4	3
	4	Mean	20 ¹	34	30	34	46	53
		S.D.	7	11	16	16	27	18
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [d - Test: Dunnett 2 Sided p < 0.05]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
PL (mg/dL)	-1	Mean	175 ¹	169	179	180	157	174
		S.D.	30	16	23	18	21	20
		N	4	4	4	4	4	4
	1	Mean	159 ¹	162	181	173	149	165
		S.D.	32	22	19	18	16	26
		N	4	4	4	4	4	4
	2	Mean	165 ¹	167	173	175	147	163
		S.D.	35	20	21	19	17	27
		N	4	4	4	4	4	4
	3	Mean	180 ¹	161	175	176	150	158
		S.D.	31	21	22	14	22	11
		N	4	4	4	4	4	3
	4	Mean	166 ¹	163	179	174	148	165
		S.D.	38	22	22	19	16	22
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
IP (mg/dL)	-1	Mean	4.94 I ¹	5.29	4.89	5.16	4.46	4.77
		S.D.	0.42	0.81	0.87	0.90	1.44	0.76
		N	4	4	4	4	4	4
	1	Mean	4.65 I ¹	4.57	5.24	3.88	4.20	4.24
		S.D.	0.87	0.66	0.44	0.71	0.94	0.54
		N	4	4	4	4	4	4
	2	Mean	5.03 I ¹	4.59	3.95	3.92	3.63	3.51
		S.D.	0.94	1.11	0.71	0.98	0.45	0.60
		N	4	4	4	4	4	4
	3	Mean	3.93 I ¹	5.41	4.03	4.14	3.76	3.16
		S.D.	1.58	0.28	0.63	0.87	0.86	1.03
		N	4	4	4	4	4	3
	4	Mean	4.49 I ¹	4.80	4.28	4.00	3.58	4.03
		S.D.	1.05	1.37	0.67	1.11	1.06	1.79
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
CA (mg/dL)	-1	Mean	10.10 I ¹	9.98	10.44	10.01	10.10	9.82
		S.D.	0.36	0.19	0.52	0.63	0.62	0.33
		N	4	4	4	4	4	4
	1	Mean	9.93 I ¹	9.73	10.03	9.56	9.75	9.21
		S.D.	0.21	0.62	0.24	0.15	0.51	0.32
		N	4	4	4	4	4	4
	2	Mean	9.62 I ¹	9.96	9.82	9.57	9.32	9.10
		S.D.	0.10	0.67	0.31	0.38	0.27	0.49
		N	4	4	4	4	4	4
	3	Mean	9.85 I ¹	9.60	10.06	9.63	9.49	9.35
		S.D.	0.24	0.38	0.29	0.07	0.17	0.26
		N	4	4	4	4	4	3
	4	Mean	9.88 I ¹	9.65	10.03	9.61	9.55	9.36
		S.D.	0.07	0.25	0.46	0.28	0.31	0.56
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
NA (mEq/L)	-1	Mean	154.5 I ¹	154.8	153.3	154.3	151.8	150.0
		S.D.	4.7	3.3	3.6	4.1	3.2	3.1
		N	4	4	4	4	4	4
	1	Mean	152.7 I ¹	151.9	150.0	150.3	149.9	147.6
		S.D.	4.4	5.4	1.9	1.5	4.1	3.5
		N	4	4	4	4	4	4
	2	Mean	149.3 R ²	152.6	149.7	151.9	149.8	144.3
		S.D.	3.6	6.9	1.1	3.9	1.6	9.5
		N	4	4	4	4	4	4
	3	Mean	151.2 R ²	151.4	151.7	150.6	151.5	149.9
		S.D.	5.0	4.0	3.6	1.4	1.3	0.4
		N	4	4	4	4	4	3
	4	Mean	150.5 I ¹	151.4	152.0	149.7	150.8	150.3
		S.D.	4.6	3.2	2.2	0.7	1.8	5.0
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [R - Automatic Transformation Selected: Rank]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
K (mEq/L)	-1	Mean	4.21 ¹	4.63	4.26	4.37	4.01	4.27
		S.D.	0.44	0.66	0.27	0.34	0.42	0.40
		N	4	4	4	4	4	4
	1	Mean	4.47 ¹	4.35	4.26	4.05	4.13	3.66
		S.D.	0.10	0.55	0.66	0.21	0.54	0.31
		N	4	4	4	4	4	4
	2	Mean	3.73 ¹	4.66 ^{d2}	4.00	3.97	3.80	3.77
		S.D.	0.19	0.69	0.19	0.59	0.37	0.54
		N	4	4	4	4	4	4
	3	Mean	4.33 ¹	4.31	4.25	4.15	3.81	4.28
		S.D.	0.20	0.30	0.28	0.56	0.41	0.27
		N	4	4	4	4	4	3
	4	Mean	4.25 ¹	4.38	4.17	3.85	3.83	4.30
		S.D.	0.24	0.56	0.48	0.34	0.47	0.15
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [d - Test: Dunnett 2 Sided p < 0.05]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
CL (mEq/L)	-1	Mean	108.2 I ¹	109.0	105.8	107.6	107.0	108.7
		S.D.	1.7	2.3	1.7	1.2	2.0	2.2
		N	4	4	4	4	4	4
	1	Mean	110.3 I ¹	111.6	109.9	112.4	112.5	105.5
		S.D.	1.1	2.9	1.1	2.5	2.9	5.0
		N	4	4	4	4	4	4
	2	Mean	106.5 R ²	111.6	106.8	109.5	110.5	99.5
		S.D.	0.8	2.2	1.5	2.8	1.1	14.2
		N	4	4	4	4	4	4
	3	Mean	109.8 I ¹	110.9	109.2	111.4	110.9	111.4
		S.D.	1.3	2.5	1.2	0.9	2.7	1.7
		N	4	4	4	4	4	3
	4	Mean	109.3 I ¹	110.5	107.9	109.2	111.0	107.5
		S.D.	1.9	1.6	1.1	2.9	1.5	2.6
		N	4	4	4	4	4	3

1 [I - Automatic Transformation Selected: Identity (No Transformation)]

2 [R - Automatic Transformation Selected: Rank]

A 4-Week Oral Dose Toxicity Study of TM5509 in Cynomolgus Monkeys

Table 13 Clinical chemistry (males)

Sex: Male			Control 0.5%CMC-Na	Low TM5509 2 mg/kg/day	Low-Mid TM5509 6 mg/kg/day	Mid TM5509 20 mg/kg/day	Mid-High TM5509 80 mg/kg/day	High TM5509 300 mg/kg/day
Week(s) Relative to Start Date								
TP (g/dL)	-1	Mean	8.20 ¹	7.89	8.23	8.06	7.86	7.69
		S.D.	0.08	0.57	0.34	0.40	0.63	0.18
		N	4	4	4	4	4	4
	1	Mean	7.94 ¹	7.61	7.98	7.78	7.55	7.65
		S.D.	0.31	0.50	0.17	0.40	0.29	0.44
		N	4	4	4	4	4	4
	2	Mean	7.82 ¹	7.58	7.95	7.90	7.31	7.24
		S.D.	0.18	0.38	0.29	0.51	0.27	0.59
		N	4	4	4	4	4	4
	3	Mean	7.87 ¹	7.53	7.94	7.77	7.43	7.25
		S.D.	0.20	0.25	0.28	0.35	0.36	0.37
		N	4	4	4	4	4	3
	4	Mean	7.91 ¹	7.58	8.01	7.87	7.40	7.45
		S.D.	0.12	0.26	0.29	0.33	0.07	0.62
		N	4	4	4	4	4	3

1 [] - Automatic Transformation Selected: Identity (No Transformation)]