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RCC PROJECT 780625
HYDROXYMATAIRESINOL

CARDIOVASCULAR PARAMETERS
MALES
VEHICLE

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min				
Syst. B.P. (mmHg)	141.6	166.9	130.0	142.2
Dias. B.P. (mmHg)	97.2	93.1	74.0	86.4
Mean B.P. (mmHg)	110.5	118.0	91.6	106.0
Heart Rate (bpm)	89.7	63.6	69.2	66.8
Before				
Syst. B.P. (mmHg)	146.4	178.7	133.1	143.2
Dias. B.P. (mmHg)	99.0	102.7	79.9	84.8
Mean B.P. (mmHg)	112.5	129.3	97.9	106.1
Heart Rate (bpm)	89.4	75.1	86.0	78.9
30 min				
Syst. B.P. (mmHg)	130.7	171.9	134.5	139.2
Dias. B.P. (mmHg)	90.7	102.8	85.5	86.9
Mean B.P. (mmHg)	102.3	126.0	102.4	104.4
Heart Rate (bpm)	70.0	64.9	94.0	83.9
1 hour				
Syst. B.P. (mmHg)	139.7	177.6	127.1	165.0
Dias. B.P. (mmHg)	92.6	106.4	74.0	104.3
Mean B.P. (mmHg)	104.5	131.4	89.4	128.0
Heart Rate (bpm)	56.1	80.3	70.3	117.6
2 hours				
Syst. B.P. (mmHg)	140.4	170.3	146.1	159.8
Dias. B.P. (mmHg)	94.5	98.9	92.2	102.4
Mean B.P. (mmHg)	107.5	122.6	108.9	125.3
Heart Rate (bpm)	69.1	60.9	108.7	92.9
3 hours				
Syst. B.P. (mmHg)	142.1	180.9	127.1	155.7
Dias. B.P. (mmHg)	97.7	106.9	75.1	93.1
Mean B.P. (mmHg)	110.9	133.7	92.6	118.2
Heart Rate (bpm)	87.4	60.4	69.9	83.8
4 hours				
Syst. B.P. (mmHg)	148.4	172.8	123.2	164.2
Dias. B.P. (mmHg)	100.8	97.4	71.0	105.9
Mean B.P. (mmHg)	116.9	125.2	88.2	129.8
Heart Rate (bpm)	86.9	71.5	71.5	92.7
5 hours				
Syst. B.P. (mmHg)	132.8	171.4	113.1	141.0
Dias. B.P. (mmHg)	92.6	102.3	68.6	87.7
Mean B.P. (mmHg)	106.4	130.5	83.6	110.1
Heart Rate (bpm)	95.8	88.6	84.0	112.3
6 hours				
Syst. B.P. (mmHg)	143.5	168.6	118.2	128.8
Dias. B.P. (mmHg)	103.3	101.5	67.5	69.9
Mean B.P. (mmHg)	115.7	127.3	84.4	98.5
Heart Rate (bpm)	113.0	99.6	82.1	96.3
7 hours				
Syst. B.P. (mmHg)	136.5	145.5	112.1	122.7
Dias. B.P. (mmHg)	90.9	84.0	68.2	70.9
Mean B.P. (mmHg)	104.4	104.6	82.4	94.9
Heart Rate (bpm)	79.4	83.4	90.0	93.6
8 hours				
Syst. B.P. (mmHg)	144.9	132.9	120.6	127.1
Dias. B.P. (mmHg)	96.6	78.8	76.4	72.8
Mean B.P. (mmHg)	109.8	97.7	92.5	98.1
Heart Rate (bpm)	74.4	86.7	109.2	89.0

CARDIOVASCULAR PARAMETERS
MALES
VEHICLE

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
9 hours				
Syst. B.P. (mmHg)	142.0	166.4	111.0	122.6
Dias. B.P. (mmHg)	100.7	105.4	71.4	70.0
Mean B.P. (mmHg)	111.2	129.0	84.3	93.1
Heart Rate (bpm)	99.7	109.0	106.1	83.3
10 hours				
Syst. B.P. (mmHg)	140.4	150.9	131.2	136.9
Dias. B.P. (mmHg)	97.2	87.8	84.6	78.6
Mean B.P. (mmHg)	109.1	109.7	102.6	105.4
Heart Rate (bpm)	81.1	83.9	115.8	112.7
11 hours				
Syst. B.P. (mmHg)	138.8	167.5	102.9	126.0
Dias. B.P. (mmHg)	98.6	99.0	63.1	68.6
Mean B.P. (mmHg)	108.4	122.6	78.5	94.5
Heart Rate (bpm)	102.3	84.0	103.0	85.4
12 hours				
Syst. B.P. (mmHg)	136.1	138.7	102.4	120.9
Dias. B.P. (mmHg)	94.4	85.8	63.8	67.2
Mean B.P. (mmHg)	107.0	104.2	78.4	89.6
Heart Rate (bpm)	86.3	85.5	100.9	78.0

RCC PROJECT 780625
HYDROXYMATAIRESINOL

CARDIOVASCULAR PARAMETERS
MALES
2 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min				
Syst. B.P. (mmHg)	151.3	151.1	137.0	158.8
Dias. B.P. (mmHg)	107.1	85.2	74.4	91.9
Mean B.P. (mmHg)	121.0	108.7	93.3	118.6
Heart Rate (bpm)	105.7	84.5	72.0	71.3
Before				
Syst. B.P. (mmHg)	145.6	151.8	135.1	161.3
Dias. B.P. (mmHg)	100.3	89.2	77.6	95.1
Mean B.P. (mmHg)	114.6	110.7	98.8	120.9
Heart Rate (bpm)	90.4	84.4	99.3	78.5
30 min				
Syst. B.P. (mmHg)	128.3	146.4	137.5	131.3
Dias. B.P. (mmHg)	91.6	87.3	78.9	77.8
Mean B.P. (mmHg)	102.8	107.2	95.2	98.6
Heart Rate (bpm)	87.0	69.6	73.2	71.0
1 hour				
Syst. B.P. (mmHg)	142.0	154.9	138.1	150.4
Dias. B.P. (mmHg)	99.9	91.6	87.1	92.2
Mean B.P. (mmHg)	113.3	110.6	105.1	114.3
Heart Rate (bpm)	79.6	80.4	124.9	90.3
2 hours				
Syst. B.P. (mmHg)	133.1	145.2	133.2	129.7
Dias. B.P. (mmHg)	94.4	85.5	76.6	76.1
Mean B.P. (mmHg)	106.4	106.3	93.3	95.6
Heart Rate (bpm)	81.8	73.6	72.6	66.3
3 hours				
Syst. B.P. (mmHg)	136.0	154.0	129.2	130.7
Dias. B.P. (mmHg)	98.0	90.0	75.3	71.9
Mean B.P. (mmHg)	110.0	110.1	92.5	91.8
Heart Rate (bpm)	84.5	72.3	72.3	60.1
4 hours				
Syst. B.P. (mmHg)	144.1	157.9	146.5	153.0
Dias. B.P. (mmHg)	102.4	90.5	89.4	91.1
Mean B.P. (mmHg)	112.6	115.3	102.2	106.6
Heart Rate (bpm)	97.2	86.2	88.1	88.8
5 hours				
Syst. B.P. (mmHg)	131.2	160.0	130.5	137.0
Dias. B.P. (mmHg)	89.5	90.9	78.8	84.2
Mean B.P. (mmHg)	101.4	114.8	95.2	108.1
Heart Rate (bpm)	83.8	78.7	92.5	99.9
6 hours				
Syst. B.P. (mmHg)	122.7	171.8	120.9	132.4
Dias. B.P. (mmHg)	84.6	101.3	72.5	76.2
Mean B.P. (mmHg)	97.6	128.9	85.3	101.6
Heart Rate (bpm)	109.1	115.2	97.7	125.6
7 hours				
Syst. B.P. (mmHg)	135.7	160.5	142.3	146.4
Dias. B.P. (mmHg)	95.7	98.7	85.1	93.5
Mean B.P. (mmHg)	104.9	121.8	106.0	116.0
Heart Rate (bpm)	98.8	111.9	112.1	147.9
8 hours				
Syst. B.P. (mmHg)	127.2	168.9	122.7	138.2
Dias. B.P. (mmHg)	91.4	95.7	71.6	91.4
Mean B.P. (mmHg)	104.7	122.2	89.2	111.4
Heart Rate (bpm)	138.1	99.1	97.7	160.6

RCC PROJECT 780625
HYDROXYMATAIRESINOL

CARDIOVASCULAR PARAMETERS
MALES
2 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
9 hours				
Syst. B.P. (mmHg)	138.5	165.9	110.2	134.9
Dias. B.P. (mmHg)	87.8	100.0	73.2	80.9
Mean B.P. (mmHg)	103.0	124.8	85.0	104.5
Heart Rate (bpm)	88.2	122.4	126.6	125.0
10 hours				
Syst. B.P. (mmHg)	136.0	152.1	105.6	125.5
Dias. B.P. (mmHg)	90.5	89.2	65.1	76.2
Mean B.P. (mmHg)	103.1	112.8	80.5	98.7
Heart Rate (bpm)	92.2	107.9	115.0	114.4
11 hours				
Syst. B.P. (mmHg)	134.9	136.9	127.8	131.6
Dias. B.P. (mmHg)	95.6	81.2	76.7	77.1
Mean B.P. (mmHg)	105.8	102.6	94.2	101.7
Heart Rate (bpm)	93.2	110.3	103.1	117.5
12 hours				
Syst. B.P. (mmHg)	131.9	138.6	123.0	122.5
Dias. B.P. (mmHg)	96.3	88.1	71.5	67.1
Mean B.P. (mmHg)	107.5	108.2	89.3	91.2
Heart Rate (bpm)	125.2	141.3	108.8	106.7

CARDIOVASCULAR PARAMETERS
MALES
20 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min				
Syst. B.P. (mmHg)	153.0	175.9	127.8	125.6
Dias. B.P. (mmHg)	103.5	102.3	76.0	73.1
Mean B.P. (mmHg)	117.8	128.8	93.2	96.2
Heart Rate (bpm)	73.7	94.1	88.0	83.0
Before				
Syst. B.P. (mmHg)	151.6	170.7	126.7	127.7
Dias. B.P. (mmHg)	102.2	98.7	74.2	71.0
Mean B.P. (mmHg)	117.9	126.8	93.5	93.4
Heart Rate (bpm)	90.1	94.0	89.8	63.3
30 min				
Syst. B.P. (mmHg)	145.2	150.5	116.9	148.3
Dias. B.P. (mmHg)	105.5	87.1	68.5	86.6
Mean B.P. (mmHg)	116.4	108.1	82.9	110.2
Heart Rate (bpm)	72.8	74.1	73.0	68.1
1 hour				
Syst. B.P. (mmHg)	152.0	171.0	133.2	163.5
Dias. B.P. (mmHg)	107.5	100.6	80.7	101.6
Mean B.P. (mmHg)	121.4	124.8	94.6	125.9
Heart Rate (bpm)	98.7	79.6	73.9	73.9
2 hours				
Syst. B.P. (mmHg)	143.0	155.8	129.7	141.0
Dias. B.P. (mmHg)	98.4	89.3	77.5	78.1
Mean B.P. (mmHg)	110.0	112.4	94.7	103.2
Heart Rate (bpm)	61.5	60.9	71.8	69.9
3 hours				
Syst. B.P. (mmHg)	148.8	157.8	118.6	143.4
Dias. B.P. (mmHg)	101.2	90.7	74.6	86.1
Mean B.P. (mmHg)	115.3	113.9	92.2	110.4
Heart Rate (bpm)	72.2	61.3	109.2	69.0
4 hours				
Syst. B.P. (mmHg)	157.9	165.8	134.8	148.5
Dias. B.P. (mmHg)	110.1	95.6	79.3	85.2
Mean B.P. (mmHg)	116.4	119.8	96.9	111.7
Heart Rate (bpm)	83.3	82.3	77.4	63.3
5 hours				
Syst. B.P. (mmHg)	145.7	161.9	130.2	137.6
Dias. B.P. (mmHg)	99.9	95.7	81.5	77.4
Mean B.P. (mmHg)	112.7	118.2	99.8	99.8
Heart Rate (bpm)	86.3	68.6	96.2	82.1
6 hours				
Syst. B.P. (mmHg)	138.8	144.2	130.8	131.2
Dias. B.P. (mmHg)	97.2	78.4	81.7	77.8
Mean B.P. (mmHg)	111.4	101.4	101.7	99.7
Heart Rate (bpm)	106.3	80.6	107.5	104.8
7 hours				
Syst. B.P. (mmHg)	151.3	149.6	110.4	118.6
Dias. B.P. (mmHg)	106.8	92.5	64.7	69.3
Mean B.P. (mmHg)	121.9	115.2	81.3	91.8
Heart Rate (bpm)	105.5	99.7	92.8	104.7
8 hours				
Syst. B.P. (mmHg)	137.7	146.5	110.9	123.5
Dias. B.P. (mmHg)	92.4	81.8	71.1	75.5
Mean B.P. (mmHg)	105.8	104.0	85.1	96.6
Heart Rate (bpm)	90.9	75.9	104.3	109.1

RCC PROJECT 780625
HYDROXYMATAIRESINOL

CARDIOVASCULAR PARAMETERS
MALES
20 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
9 hours				
Syst. B.P. (mmHg)	147.2	138.0	112.2	122.8
Dias. B.P. (mmHg)	108.3	72.5	71.1	70.6
Mean B.P. (mmHg)	121.4	94.0	86.0	91.1
Heart Rate (bpm)	127.5	73.2	95.1	84.3
10 hours				
Syst. B.P. (mmHg)	142.5	141.8	123.7	120.0
Dias. B.P. (mmHg)	99.8	81.1	82.5	74.7
Mean B.P. (mmHg)	111.6	102.4	98.2	91.7
Heart Rate (bpm)	90.2	80.5	107.8	89.2
11 hours				
Syst. B.P. (mmHg)	131.7	146.8	113.4	125.6
Dias. B.P. (mmHg)	90.7	83.2	76.0	81.7
Mean B.P. (mmHg)	103.5	105.4	90.8	100.6
Heart Rate (bpm)	95.8	75.5	119.1	111.6
12 hours				
Syst. B.P. (mmHg)	154.8	141.8	110.5	125.2
Dias. B.P. (mmHg)	92.9	85.2	71.7	78.9
Mean B.P. (mmHg)	112.3	105.0	87.8	97.6
Heart Rate (bpm)	92.8	83.2	116.8	103.6

RCC PROJECT 780625
HYDROXYMATAIRESINOL

CARDIOVASCULAR PARAMETERS
MALES
200 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min				
Syst. B.P. (mmHg)	128.6	150.9	137.7	138.2
Dias. B.P. (mmHg)	86.3	86.1	74.0	85.2
Mean B.P. (mmHg)	97.0	107.5	91.8	105.5
Heart Rate (bpm)	79.1	70.9	64.8	92.8
Before				
Syst. B.P. (mmHg)	139.2	172.9	142.1	150.0
Dias. B.P. (mmHg)	93.1	101.7	84.6	92.1
Mean B.P. (mmHg)	107.2	126.4	98.3	116.8
Heart Rate (bpm)	90.9	91.6	93.2	83.7
30 min				
Syst. B.P. (mmHg)	122.4	146.1	140.3	127.6
Dias. B.P. (mmHg)	82.4	87.1	82.1	80.3
Mean B.P. (mmHg)	94.4	107.6	98.7	97.6
Heart Rate (bpm)	72.0	74.0	84.9	87.5
1 hour				
Syst. B.P. (mmHg)	142.8	171.3	137.2	139.3
Dias. B.P. (mmHg)	97.8	100.1	75.4	80.6
Mean B.P. (mmHg)	105.0	108.3	93.6	103.4
Heart Rate (bpm)	97.1	89.5	84.4	76.3
2 hours				
Syst. B.P. (mmHg)	132.8	156.7	142.6	138.2
Dias. B.P. (mmHg)	85.5	82.8	78.4	80.6
Mean B.P. (mmHg)	97.1	107.8	96.7	101.7
Heart Rate (bpm)	60.9	60.7	75.3	67.2
3 hours				
Syst. B.P. (mmHg)	129.1	164.5	139.1	134.4
Dias. B.P. (mmHg)	83.3	95.7	78.1	84.8
Mean B.P. (mmHg)	97.4	122.5	96.7	102.8
Heart Rate (bpm)	64.6	92.6	91.8	79.5
4 hours				
Syst. B.P. (mmHg)	143.7	153.1	148.4	152.3
Dias. B.P. (mmHg)	93.2	85.3	84.6	91.9
Mean B.P. (mmHg)	108.6	103.2	105.1	110.9
Heart Rate (bpm)	82.8	59.9	103.3	72.6
5 hours				
Syst. B.P. (mmHg)	134.9	137.5	142.4	144.2
Dias. B.P. (mmHg)	93.1	82.5	84.8	88.7
Mean B.P. (mmHg)	105.5	99.9	102.9	104.2
Heart Rate (bpm)	82.8	67.1	95.2	65.6
6 hours				
Syst. B.P. (mmHg)	124.2	146.0	142.3	137.0
Dias. B.P. (mmHg)	85.1	84.5	77.3	78.7
Mean B.P. (mmHg)	98.8	106.2	96.4	96.8
Heart Rate (bpm)	109.0	74.2	78.3	57.0
7 hours				
Syst. B.P. (mmHg)	136.8	149.8	136.1	157.7
Dias. B.P. (mmHg)	92.6	89.2	75.2	100.1
Mean B.P. (mmHg)	104.7	108.6	93.2	119.3
Heart Rate (bpm)	96.5	76.3	94.5	76.5
8 hours				
Syst. B.P. (mmHg)	126.7	148.9	158.0	148.4
Dias. B.P. (mmHg)	86.3	89.3	93.0	90.1
Mean B.P. (mmHg)	98.6	109.2	114.0	101.8
Heart Rate (bpm)	87.5	81.7	112.1	56.7

CARDIOVASCULAR PARAMETERS
MALES
200 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
9 hours				
Syst. B.P. (mmHg)	126.4	146.6	154.1	158.7
Dias. B.P. (mmHg)	88.4	84.4	86.0	95.8
Mean B.P. (mmHg)	99.3	105.3	105.9	118.4
Heart Rate (bpm)	96.0	66.0	84.7	57.1
10 hours				
Syst. B.P. (mmHg)	120.2	169.2	135.0	166.0
Dias. B.P. (mmHg)	89.0	111.0	81.9	102.0
Mean B.P. (mmHg)	97.7	134.2	97.1	119.4
Heart Rate (bpm)	98.3	98.1	103.9	75.8
11 hours				
Syst. B.P. (mmHg)	126.6	148.3	146.3	159.4
Dias. B.P. (mmHg)	87.8	86.1	82.5	91.4
Mean B.P. (mmHg)	99.2	107.8	101.8	111.0
Heart Rate (bpm)	91.6	73.2	102.3	54.1
12 hours				
Syst. B.P. (mmHg)	132.6	150.2	146.7	145.6
Dias. B.P. (mmHg)	91.4	91.8	82.6	95.0
Mean B.P. (mmHg)	103.0	114.1	104.3	107.1
Heart Rate (bpm)	110.0	97.9	109.4	83.2

RCC PROJECT 780625
HYDROXYMATAIRESINOL

ELECTROCARDIOGRAMS
MALES
VEHICLE

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min				
P-Wave Amp. (mV)	0.18	0.14	0.28	0.09
P-Wave Dur. (ms)	42.00	38.00	34.00	42.00
P-Q Int. (ms)	94.00	95.00	83.00	98.00
QRS Int. (ms)	51.00	49.00	37.00	53.00
Q-T Int. (ms)	225.00	224.00	212.00	247.00
Before				
P-Wave Amp. (mV)	0.14	0.12	0.28	0.11
P-Wave Dur. (ms)	39.00	41.00	38.00	41.00
P-Q Int. (ms)	90.00	93.00	85.00	90.00
QRS Int. (ms)	50.00	45.00	41.00	46.00
Q-T Int. (ms)	224.00	231.00	211.00	226.00
30 min				
P-Wave Amp. (mV)	0.13	0.08	0.27	0.10
P-Wave Dur. (ms)	38.00	38.00	35.00	41.00
P-Q Int. (ms)	98.00	96.00	88.00	96.00
QRS Int. (ms)	49.00	44.00	42.00	43.00
Q-T Int. (ms)	218.00	214.00	198.00	239.00
1 hour				
P-Wave Amp. (mV)	0.15	0.09	0.29	0.11
P-Wave Dur. (ms)	46.00	38.00	38.00	40.00
P-Q Int. (ms)	103.00	93.00	91.00	94.00
QRS Int. (ms)	49.00	50.00	42.00	50.00
Q-T Int. (ms)	233.00	215.00	206.00	214.00
2 hours				
P-Wave Amp. (mV)	0.12	0.11	0.23	0.06
P-Wave Dur. (ms)	31.00	39.00	35.00	40.00
P-Q Int. (ms)	96.00	97.00	87.00	97.00
QRS Int. (ms)	38.00	54.00	42.00	49.00
Q-T Int. (ms)	213.00	230.00	194.00	214.00
3 hours				
P-Wave Amp. (mV)	0.14	0.08	0.16	0.08
P-Wave Dur. (ms)	39.00	34.00	38.00	46.00
P-Q Int. (ms)	94.00	91.00	90.00	92.00
QRS Int. (ms)	50.00	50.00	42.00	54.00
Q-T Int. (ms)	224.00	230.00	222.00	220.00
4 hours				
P-Wave Amp. (mV)	0.13	0.08	0.27	0.08
P-Wave Dur. (ms)	42.00	40.00	40.00	42.00
P-Q Int. (ms)	95.00	91.00	91.00	97.00
QRS Int. (ms)	50.00	50.00	43.00	55.00
Q-T Int. (ms)	214.00	222.00	228.00	220.00
12 hours				
P-Wave Amp. (mV)	0.16	0.07	0.37	0.09
P-Wave Dur. (ms)	39.00	35.00	34.00	44.00
P-Q Int. (ms)	73.00	92.00	93.00	98.00
QRS Int. (ms)	50.00	52.00	52.00	53.00
Q-T Int. (ms)	225.00	218.00	235.00	223.00

ELECTROCARDIOGRAMS
MALES
2 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min				
P-Wave Amp. (mV)	0.16	0.07	0.23	0.11
P-Wave Dur. (ms)	42.00	37.00	38.00	42.00
P-Q Int. (ms)	93.00	97.00	94.00	99.00
QRS Int. (ms)	52.00	51.00	44.00	56.00
Q-T Int. (ms)	219.00	238.00	216.00	237.00
Before				
P-Wave Amp. (mV)	0.14	0.11	0.22	0.11
P-Wave Dur. (ms)	44.00	38.00	34.00	40.00
P-Q Int. (ms)	94.00	97.00	82.00	94.00
QRS Int. (ms)	53.00	54.00	43.00	54.00
Q-T Int. (ms)	229.00	220.00	209.00	229.00
30 min				
P-Wave Amp. (mV)	0.20	0.08	0.33	0.18
P-Wave Dur. (ms)	43.00	36.00	38.00	40.00
P-Q Int. (ms)	98.00	97.00	88.00	106.00
QRS Int. (ms)	53.00	47.00	46.00	55.00
Q-T Int. (ms)	230.00	205.00	229.00	238.00
1 hour				
P-Wave Amp. (mV)	0.15	0.22	0.23	0.10
P-Wave Dur. (ms)	44.00	44.00	37.00	41.00
P-Q Int. (ms)	96.00	101.00	90.00	106.00
QRS Int. (ms)	54.00	55.00	46.00	53.00
Q-T Int. (ms)	226.00	215.00	206.00	216.00
2 hours				
P-Wave Amp. (mV)	0.16	0.17	0.28	0.16
P-Wave Dur. (ms)	44.00	40.00	33.00	42.00
P-Q Int. (ms)	97.00	104.00	89.00	109.00
QRS Int. (ms)	52.00	54.00	46.00	54.00
Q-T Int. (ms)	235.00	218.00	218.00	234.00
3 hours				
P-Wave Amp. (mV)	0.19	0.27	0.16	0.09
P-Wave Dur. (ms)	42.00	42.00	37.00	44.00
P-Q Int. (ms)	91.00	103.00	90.00	105.00
QRS Int. (ms)	51.00	53.00	43.00	52.00
Q-T Int. (ms)	229.00	228.00	215.00	235.00
4 hours				
P-Wave Amp. (mV)	0.19	0.08	0.17	0.11
P-Wave Dur. (ms)	43.00	38.00	38.00	40.00
P-Q Int. (ms)	94.00	94.00	90.00	98.00
QRS Int. (ms)	53.00	52.00	42.00	50.00
Q-T Int. (ms)	237.00	203.00	221.00	233.00
12 hours				
P-Wave Amp. (mV)	0.22	0.09	0.27	0.12
P-Wave Dur. (ms)	39.00	38.00	42.00	38.00
P-Q Int. (ms)	79.00	86.00	83.00	82.00
QRS Int. (ms)	50.00	52.00	50.00	47.00
Q-T Int. (ms)	222.00	206.00	210.00	204.00

RCC PROJECT 780625
HYDROXYMATAIRESINOL

ELECTROCARDIOGRAMS
MALES
20 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min				
P-Wave Amp. (mV)	0.13	0.09	0.28	0.11
P-Wave Dur. (ms)	38.00	39.00	38.00	40.00
P-Q Int. (ms)	95.00	95.00	82.00	92.00
QRS Int. (ms)	50.00	50.00	44.00	46.00
Q-T Int. (ms)	233.00	232.00	212.00	220.00
Before				
P-Wave Amp. (mV)	0.14	0.10	0.21	0.09
P-Wave Dur. (ms)	42.00	42.00	39.00	45.00
P-Q Int. (ms)	100.00	93.00	87.00	98.00
QRS Int. (ms)	52.00	50.00	43.00	54.00
Q-T Int. (ms)	222.00	235.00	208.00	252.00
30 min				
P-Wave Amp. (mV)	0.15	0.05	0.26	0.09
P-Wave Dur. (ms)	42.00	40.00	34.00	39.00
P-Q Int. (ms)	98.00	102.00	90.00	104.00
QRS Int. (ms)	50.00	50.00	42.00	52.00
Q-T Int. (ms)	240.00	228.00	207.00	244.00
1 hour				
P-Wave Amp. (mV)	0.13	0.08	0.22	0.13
P-Wave Dur. (ms)	37.00	36.00	33.00	42.00
P-Q Int. (ms)	94.00	94.00	83.00	92.00
QRS Int. (ms)	50.00	50.00	46.00	50.00
Q-T Int. (ms)	215.00	216.00	227.00	238.00
2 hours				
P-Wave Amp. (mV)	0.17	0.06	0.20	0.09
P-Wave Dur. (ms)	41.00	40.00	42.00	42.00
P-Q Int. (ms)	98.00	99.00	91.00	97.00
QRS Int. (ms)	50.00	45.00	45.00	54.00
Q-T Int. (ms)	226.00	235.00	229.00	250.00
3 hours				
P-Wave Amp. (mV)	0.12	0.05	0.20	0.10
P-Wave Dur. (ms)	34.00	35.00	36.00	39.00
P-Q Int. (ms)	95.00	97.00	90.00	105.00
QRS Int. (ms)	54.00	46.00	44.00	54.00
Q-T Int. (ms)	227.00	228.00	206.00	246.00
4 hours				
P-Wave Amp. (mV)	0.18	0.12	0.19	0.09
P-Wave Dur. (ms)	44.00	37.00	37.00	38.00
P-Q Int. (ms)	92.00	94.00	84.00	102.00
QRS Int. (ms)	50.00	50.00	44.00	54.00
Q-T Int. (ms)	238.00	209.00	215.00	244.00
12 hours				
P-Wave Amp. (mV)	0.42	0.08	0.33	0.13
P-Wave Dur. (ms)	38.00	38.00	35.00	42.00
P-Q Int. (ms)	86.00	95.00	92.00	86.00
QRS Int. (ms)	50.00	49.00	43.00	51.00
Q-T Int. (ms)	208.00	215.00	206.00	226.00

RCC PROJECT 780625
HYDROXYMATAIRESINOL

ELECTROCARDIOGRAMS
MALES
200 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min				
P-Wave Amp. (mV)	0.17	0.09	0.08	0.21
P-Wave Dur. (ms)	43.00	38.00	39.00	38.00
P-Q Int. (ms)	95.00	98.00	94.00	86.00
QRS Int. (ms)	50.00	53.00	41.00	42.00
Q-T Int. (ms)	230.00	226.00	212.00	221.00
Before				
P-Wave Amp. (mV)	0.14	0.07	0.21	0.08
P-Wave Dur. (ms)	40.00	38.00	39.00	41.00
P-Q Int. (ms)	94.00	102.00	79.00	95.00
QRS Int. (ms)	48.00	50.00	49.00	53.00
Q-T Int. (ms)	228.00	226.00	215.00	220.00
30 min				
P-Wave Amp. (mV)	0.16	0.09	0.23	0.11
P-Wave Dur. (ms)	42.00	36.00	37.00	39.00
P-Q Int. (ms)	103.00	98.00	90.00	101.00
QRS Int. (ms)	50.00	46.00	44.00	54.00
Q-T Int. (ms)	243.00	217.00	217.00	227.00
1 hour				
P-Wave Amp. (mV)	0.16	0.08	0.30	0.12
P-Wave Dur. (ms)	40.00	40.00	35.00	42.00
P-Q Int. (ms)	100.00	96.00	86.00	99.00
QRS Int. (ms)	50.00	47.00	40.00	55.00
Q-T Int. (ms)	252.00	220.00	212.00	226.00
2 hours				
P-Wave Amp. (mV)	0.20	0.11	0.25	0.09
P-Wave Dur. (ms)	41.00	35.00	34.00	42.00
P-Q Int. (ms)	98.00	91.00	90.00	100.00
QRS Int. (ms)	46.00	50.00	41.00	53.00
Q-T Int. (ms)	238.00	214.00	211.00	244.00
3 hours				
P-Wave Amp. (mV)	0.12	0.09	0.19	0.12
P-Wave Dur. (ms)	36.00	36.00	37.00	43.00
P-Q Int. (ms)	102.00	89.00	94.00	106.00
QRS Int. (ms)	49.00	44.00	44.00	56.00
Q-T Int. (ms)	229.00	215.00	217.00	242.00
4 hours				
P-Wave Amp. (mV)	0.13	0.09	0.21	0.10
P-Wave Dur. (ms)	42.00	37.00	35.00	42.00
P-Q Int. (ms)	97.00	98.00	86.00	99.00
QRS Int. (ms)	51.00	50.00	43.00	51.00
Q-T Int. (ms)	224.00	232.00	218.00	237.00
12 hours				
P-Wave Amp. (mV)	0.26	0.09	0.26	0.14
P-Wave Dur. (ms)	39.00	33.00	38.00	44.00
P-Q Int. (ms)	76.00	84.00	86.00	111.00
QRS Int. (ms)	49.00	50.00	45.00	58.00
Q-T Int. (ms)	213.00	217.00	214.00	247.00

RESPIRATORY PARAMETERS
MALES
VEHICLE

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
Before				
Respiratory Rate	24.6	25.3	19.8	20.0
Minute Volume (ml	5217.7	5588.6	3523.6	3616.7
1 hour				
Respiratory Rate	17.4	21.5	19.9	20.9
Minute Volume (ml	5296.5	5327.0	3989.7	3360.7
2 hours				
Respiratory Rate	27.9	21.7	19.8	25.6
Minute Volume (ml	5935.3	5051.8	3763.7	3741.3
4 hours				
Respiratory Rate	16.5	23.8	22.9	27.1
Minute Volume (ml	4803.4	5711.9	4227.0	4279.9

RCC STUDY NUMBER 780625
HYDROXYMATAIRESINOL

RESPIRATORY PARAMETERS
MALES
2 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
Before				
Resp. Rate (brpm)	24.6	26.2	15.6	20.7
Min. Vol.(ml/min)	4774.5	5979.5	3098.3	3548.1
1 hour				
Resp. Rate (brpm)	20.0	20.6	16.7	18.5
Min. Vol.(ml/min)	5792.3	5755.8	2947.4	3065.6
2 hours				
Resp. Rate (brpm)	24.9	22.3	14.9	17.8
Min. Vol.(ml/min)	5345.9	5998.1	2948.2	3087.4
4 hours				
Resp. Rate (brpm)	17.9	24.8	17.0	21.9
Min. Vol.(ml/min)	4818.0	6284.7	3170.3	3384.7

RCC STUDY NUMBER 780625
HYDROXYMATAIRESINOL

RESPIRATORY PARAMETERS
MALES
20 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
Before				
Resp. Rate (brpm)	23.8	21.6	18.8	22.6
Min. Vol.(ml/min)	4821.2	5126.2	3739.1	2970.0
1 hour				
Resp. Rate (brpm)	27.6	25.3	16.8	28.7
Min. Vol.(ml/min)	7920.1	5888.2	3139.7	3716.4
2 hours				
Resp. Rate (brpm)	20.6	19.9	16.6	16.9
Min. Vol.(ml/min)	5380.8	5523.1	3597.0	2733.9
4 hours				
Resp. Rate (brpm)	22.4	22.5	18.4	23.4
Min. Vol.(ml/min)	6260.6	5393.7	3611.3	3498.2

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HYDROXYMATAIRESINOL

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RESPIRATORY PARAMETERS
MALES
200 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
Before				
Resp. Rate (brpm)	20.5	24.5	23.9	18.3
Min. Vol.(ml/min)	4205.7	5467.7	4418.7	3394.1
1 hour				
Resp. Rate (brpm)	29.9	25.5	19.0	16.7
Min. Vol.(ml/min)	5398.0	6371.9	3658.0	3010.9
2 hours				
Resp. Rate (brpm)	21.0	28.9	20.2	21.4
Min. Vol.(ml/min)	5044.4	7188.2	3566.4	3493.0
4 hours				
Resp. Rate (brpm)	20.3	22.8	14.5	21.3
Min. Vol.(ml/min)	4276.2	5842.5	3202.9	3776.1

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HYDROXYMATAIRESINOL

RESPIRATORY PARAMETERS
MALES
VEHICLE

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
Before				
Tidal Volume (ml)	219.58	235.40	180.30	180.86
1 hour				
Tidal Volume (ml)	307.27	248.76	199.20	161.06
2 hours				
Tidal Volume (ml)	230.36	239.34	189.20	146.40
4 hours				
Tidal Volume (ml)	289.03	255.35	184.93	159.70

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HYDROXYMATAIRESINOL

RESPIRATORY PARAMETERS
MALES
2 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
Before				
Tidal Volume (ml)	208.61	234.54	200.50	171.67
1 hour				
Tidal Volume (ml)	290.58	283.01	180.66	166.33
2 hours				
Tidal Volume (ml)	228.61	275.02	197.71	173.46
4 hours				
Tidal Volume (ml)	272.18	259.92	186.14	154.58

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HYDROXYMATAIRESINOL

RESPIRATORY PARAMETERS
MALES
20 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
Before				
Tidal Volume (ml)	212.58	237.77	199.58	131.82
1 hour				
Tidal Volume (ml)	291.22	265.27	187.32	150.06
2 hours				
Tidal Volume (ml)	273.35	280.20	219.52	161.10
4 hours				
Tidal Volume (ml)	290.59	243.13	196.19	153.07

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HYDROXYMATAIRESINOL

RESPIRATORY PARAMETERS
MALES
200 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
Before				
Tidal Volume (ml)	209.99	225.84	189.99	184.99
1 hour				
Tidal Volume (ml)	188.03	258.75	192.56	181.24
2 hours				
Tidal Volume (ml)	253.34	272.91	179.07	163.91
4 hours				
Tidal Volume (ml)	220.17	273.49	224.68	180.03

RCC PROJECT 780625
HYDROXYMATAIRESINOL

LOCOMOTOR ACTIVITY
MALES
VEHICLE

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min ARB. UNITS	4.2	0.0	0.0	0.0
Before ARB. UNITS	4.2	2.0	9.4	0.4
30 min ARB. UNITS	1.4	0.2	7.4	1.2
1 hour ARB. UNITS	0.2	4.6	0.4	30.6
2 hours ARB. UNITS	2.8	0.0	15.6	8.2
3 hours ARB. UNITS	3.8	1.6	0.0	0.2
4 hours ARB. UNITS	3.6	2.2	0.2	6.2
5 hours ARB. UNITS	12.0	4.2	0.0	0.0
6 hours ARB. UNITS	2.4	6.8	0.0	0.2
7 hours ARB. UNITS	1.8	0.0	0.0	0.0
8 hours ARB. UNITS	0.2	0.0	4.2	0.0
9 hours ARB. UNITS	1.2	3.2	2.2	0.0
10 hours ARB. UNITS	0.0	0.0	0.0	10.8
11 hours ARB. UNITS	1.6	0.0	0.0	0.0
12 hours ARB. UNITS	0.0	0.0	0.0	0.0

RCC PROJECT 780625
HYDROXYMATAIRESINOL

LOCOMOTOR ACTIVITY
MALES
2 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min ARB. UNITS	5.2	1.6	0.2	0.0
Before ARB. UNITS	3.6	0.0	2.4	1.6
30 min ARB. UNITS	2.4	1.8	2.0	0.0
1 hour ARB. UNITS	4.4	1.2	6.6	2.0
2 hours ARB. UNITS	4.4	0.0	0.0	0.0
3 hours ARB. UNITS	7.8	0.0	0.0	0.0
4 hours ARB. UNITS	6.4	3.2	4.4	9.2
5 hours ARB. UNITS	0.0	0.0	2.0	2.4
6 hours ARB. UNITS	9.8	1.0	2.6	32.6
7 hours ARB. UNITS	0.8	0.0	9.8	5.6
8 hours ARB. UNITS	12.4	0.0	0.2	9.4
9 hours ARB. UNITS	0.6	0.8	2.0	0.0
10 hours ARB. UNITS	1.0	0.0	0.0	0.0
11 hours ARB. UNITS	0.0	0.0	0.0	0.0
12 hours ARB. UNITS	2.2	1.2	0.6	0.0

LOCOMOTOR ACTIVITY
MALES
20 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min ARB. UNITS	1.4	7.2	0.6	0.4
Before ARB. UNITS	7.0	7.6	4.4	0.0
30 min ARB. UNITS	0.0	1.0	0.0	0.0
1 hour ARB. UNITS	14.4	6.2	0.0	0.0
2 hours ARB. UNITS	0.0	0.2	0.0	0.0
3 hours ARB. UNITS	3.0	0.0	3.2	0.0
4 hours ARB. UNITS	7.0	7.4	0.0	0.0
5 hours ARB. UNITS	0.2	0.0	1.4	0.0
6 hours ARB. UNITS	10.0	0.0	4.6	1.8
7 hours ARB. UNITS	4.8	1.2	0.0	4.6
8 hours ARB. UNITS	0.0	0.0	0.0	11.0
9 hours ARB. UNITS	9.2	0.0	0.2	0.0
10 hours ARB. UNITS	0.4	0.0	0.0	0.0
11 hours ARB. UNITS	0.0	0.0	1.6	0.0
12 hours ARB. UNITS	0.6	0.0	0.0	0.0

RCC PROJECT 780625
HYDROXYMATAIRESINOL

LOCOMOTOR ACTIVITY
MALES
200 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
-60 min ARB. UNITS	1.4	0.0	0.0	1.4
Before ARB. UNITS	9.0	3.4	2.4	4.4
30 min ARB. UNITS	1.4	2.8	1.2	1.4
1 hour ARB. UNITS	5.8	4.4	0.4	0.0
2 hours ARB. UNITS	0.6	0.0	0.0	0.0
3 hours ARB. UNITS	0.6	7.0	7.6	0.0
4 hours ARB. UNITS	3.6	1.6	6.6	0.0
5 hours ARB. UNITS	0.4	1.0	5.4	0.0
6 hours ARB. UNITS	1.0	0.0	2.0	0.0
7 hours ARB. UNITS	0.0	0.0	0.0	1.8
8 hours ARB. UNITS	0.2	0.4	8.6	0.0
9 hours ARB. UNITS	0.2	0.2	0.4	0.0
10 hours ARB. UNITS	0.0	1.2	0.2	2.6
11 hours ARB. UNITS	0.2	0.0	0.0	0.0
12 hours ARB. UNITS	0.0	0.0	0.0	0.0

RCC PROJECT 780625
HYDROXYMATAIRESINOL

CARDIOVASCULAR PARAMETERS (% CHANGE)
MALES
VEHICLE

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
30 min				
Systolic B.P.	-10.7	-3.8	1.1	-2.8
Diastolic B.P.	-8.4	0.1	7.0	2.5
Mean B.P.	-9.1	-2.6	4.6	-1.6
Heart Rate	-21.7	-13.6	9.3	6.3
1 hour				
Systolic B.P.	-4.6	-0.6	-4.5	15.2
Diastolic B.P.	-6.5	3.6	-7.4	23.0
Mean B.P.	-7.1	1.6	-8.7	20.6
Heart Rate	-37.2	6.9	-18.3	49.0
2 hours				
Systolic B.P.	-4.1	-4.7	9.8	11.6
Diastolic B.P.	-4.5	-3.7	15.4	20.8
Mean B.P.	-4.4	-5.2	11.2	18.1
Heart Rate	-22.7	-18.9	26.4	17.7
3 hours				
Systolic B.P.	-2.9	1.2	-4.5	8.7
Diastolic B.P.	-1.3	4.1	-6.0	9.8
Mean B.P.	-1.4	3.4	-5.4	11.4
Heart Rate	-2.2	-19.6	-18.7	6.2
4 hours				
Systolic B.P.	1.4	-3.3	-7.4	14.7
Diastolic B.P.	1.8	-5.2	-11.1	24.9
Mean B.P.	3.9	-3.2	-9.9	22.3
Heart Rate	-2.8	-4.8	-16.9	17.5
5 hours				
Systolic B.P.	-9.3	-4.1	-15.0	-1.5
Diastolic B.P.	-6.5	-0.4	-14.1	3.4
Mean B.P.	-5.4	0.9	-14.6	3.8
Heart Rate	7.2	18.0	-2.3	42.3
6 hours				
Systolic B.P.	-2.0	-5.7	-11.2	-10.1
Diastolic B.P.	4.3	-1.2	-15.5	-17.6
Mean B.P.	2.8	-1.5	-13.8	-7.2
Heart Rate	26.4	32.6	-4.5	22.1
7 hours				
Systolic B.P.	-6.8	-18.6	-15.8	-14.3
Diastolic B.P.	-8.2	-18.2	-14.6	-16.4
Mean B.P.	-7.2	-19.1	-15.8	-10.6
Heart Rate	-11.2	11.1	4.7	18.6
8 hours				
Systolic B.P.	-1.0	-25.6	-9.4	-11.2
Diastolic B.P.	-2.4	-23.3	-4.4	-14.2
Mean B.P.	-2.4	-24.4	-5.5	-7.5
Heart Rate	-16.8	15.4	27.0	12.8
9 hours				
Systolic B.P.	-3.0	-6.9	-16.6	-14.4
Diastolic B.P.	1.7	2.6	-10.6	-17.5
Mean B.P.	-1.2	-0.2	-13.9	-12.3
Heart Rate	11.5	45.1	23.4	5.6
10 hours				
Systolic B.P.	-4.1	-15.6	-1.4	-4.4
Diastolic B.P.	-1.8	-14.5	5.9	-7.3
Mean B.P.	-3.0	-15.2	4.8	-0.7
Heart Rate	-9.3	11.7	34.7	42.8

RCC PROJECT 780625
HYDROXYMATAIRESINOL

CARDIOVASCULAR PARAMETERS (% CHANGE)
MALES
VEHICLE

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
11 hours				
Systolic B.P.	-5.2	-6.3	-22.7	-12.0
Diastolic B.P.	-0.4	-3.6	-21.0	-19.1
Mean B.P.	-3.6	-5.2	-19.8	-10.9
Heart Rate	14.4	11.9	19.8	8.2
12 hours				
Systolic B.P.	-7.0	-22.4	-23.1	-15.6
Diastolic B.P.	-4.6	-16.5	-20.2	-20.8
Mean B.P.	-4.9	-19.4	-19.9	-15.6
Heart Rate	-3.5	13.8	17.3	-1.1

RCC PROJECT 780625
HYDROXYMATAIRESINOL

CARDIOVASCULAR PARAMETERS (% CHANGE)
MALES
2 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
30 min				
Systolic B.P.	-11.9	-3.6	1.8	-18.6
Diastolic B.P.	-8.7	-2.1	1.7	-18.2
Mean B.P.	-10.3	-3.2	-3.6	-18.4
Heart Rate	-3.8	-17.5	-26.3	-9.6
1 hour				
Systolic B.P.	-2.5	2.0	2.2	-6.8
Diastolic B.P.	-0.4	2.7	12.2	-3.0
Mean B.P.	-1.1	-0.1	6.4	-5.5
Heart Rate	-11.9	-4.7	25.8	15.0
2 hours				
Systolic B.P.	-8.6	-4.3	-1.4	-19.6
Diastolic B.P.	-5.9	-4.1	-1.3	-20.0
Mean B.P.	-7.2	-4.0	-5.6	-20.9
Heart Rate	-9.5	-12.8	-26.9	-15.5
3 hours				
Systolic B.P.	-6.6	1.4	-4.4	-19.0
Diastolic B.P.	-2.3	0.9	-3.0	-24.4
Mean B.P.	-4.0	-0.5	-6.4	-24.1
Heart Rate	-6.5	-14.3	-27.2	-23.4
4 hours				
Systolic B.P.	-1.0	4.0	8.4	-5.1
Diastolic B.P.	2.1	1.5	15.2	-4.2
Mean B.P.	-1.7	4.2	3.4	-11.8
Heart Rate	7.5	2.1	-11.3	13.1
5 hours				
Systolic B.P.	-9.9	5.4	-3.4	-15.1
Diastolic B.P.	-10.8	1.9	1.5	-11.5
Mean B.P.	-11.5	3.7	-3.6	-10.6
Heart Rate	-7.3	-6.8	-6.8	27.3
6 hours				
Systolic B.P.	-15.7	13.2	-10.5	-17.9
Diastolic B.P.	-15.7	13.6	-6.6	-19.9
Mean B.P.	-14.8	16.4	-13.7	-16.0
Heart Rate	20.7	36.5	-1.6	60.0
7 hours				
Systolic B.P.	-6.8	5.7	5.3	-9.2
Diastolic B.P.	-4.6	10.7	9.7	-1.7
Mean B.P.	-8.5	10.0	7.3	-4.1
Heart Rate	9.3	32.6	12.9	88.4
8 hours				
Systolic B.P.	-12.6	11.3	-9.2	-14.3
Diastolic B.P.	-8.9	7.3	-7.7	-3.9
Mean B.P.	-8.6	10.4	-9.7	-7.9
Heart Rate	52.8	17.4	-1.6	104.6
9 hours				
Systolic B.P.	-4.9	9.3	-18.4	-16.4
Diastolic B.P.	-12.5	12.1	-5.7	-14.9
Mean B.P.	-10.1	12.7	-14.0	-13.6
Heart Rate	-2.4	45.0	27.5	59.2
10 hours				
Systolic B.P.	-6.6	0.2	-21.8	-22.2
Diastolic B.P.	-9.8	0.0	-16.1	-19.9
Mean B.P.	-10.0	1.9	-18.5	-18.4
Heart Rate	2.0	27.8	15.8	45.7

CARDIOVASCULAR PARAMETERS (% CHANGE)
MALES
2 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
11 hours				
Systolic B.P.	-7.3	-9.8	-5.4	-18.4
Diastolic B.P.	-4.7	-9.0	-1.2	-18.9
Mean B.P.	-7.7	-7.3	-4.7	-15.9
Heart Rate	3.1	30.7	3.8	49.7
12 hours				
Systolic B.P.	-9.4	-8.7	-9.0	-24.1
Diastolic B.P.	-4.0	-1.2	-7.9	-29.4
Mean B.P.	-6.2	-2.3	-9.6	-24.6
Heart Rate	38.5	67.4	9.6	35.9

CARDIOVASCULAR PARAMETERS (% CHANGE)
MALES
20 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
30 min				
Systolic B.P.	-4.2	-11.8	-7.7	16.1
Diastolic B.P.	3.2	-11.8	-7.7	22.0
Mean B.P.	-1.3	-14.7	-11.3	18.0
Heart Rate	-19.2	-21.2	-18.7	7.6
1 hour				
Systolic B.P.	0.3	0.2	5.1	28.0
Diastolic B.P.	5.2	1.9	8.8	43.1
Mean B.P.	3.0	-1.6	1.2	34.8
Heart Rate	9.5	-15.3	-17.7	16.7
2 hours				
Systolic B.P.	-5.7	-8.7	2.4	10.4
Diastolic B.P.	-3.7	-9.5	4.4	10.0
Mean B.P.	-6.7	-11.4	1.3	10.5
Heart Rate	-31.7	-35.2	-20.0	10.4
3 hours				
Systolic B.P.	-1.8	-7.6	-6.4	12.3
Diastolic B.P.	-1.0	-8.1	0.5	21.3
Mean B.P.	-2.2	-10.2	-1.4	18.2
Heart Rate	-19.9	-34.8	21.6	9.0
4 hours				
Systolic B.P.	4.2	-2.9	6.4	16.3
Diastolic B.P.	7.7	-3.1	6.9	20.0
Mean B.P.	-1.3	-5.5	3.6	19.6
Heart Rate	-7.5	-12.4	-13.8	0.0
5 hours				
Systolic B.P.	-3.9	-5.2	2.8	7.8
Diastolic B.P.	-2.3	-3.0	9.8	9.0
Mean B.P.	-4.4	-6.8	6.7	6.9
Heart Rate	-4.2	-27.0	7.1	29.7
6 hours				
Systolic B.P.	-8.4	-15.5	3.2	2.7
Diastolic B.P.	-4.9	-20.6	10.1	9.6
Mean B.P.	-5.5	-20.0	8.8	6.7
Heart Rate	18.0	-14.3	19.7	65.6
7 hours				
Systolic B.P.	-0.2	-12.4	-12.9	-7.1
Diastolic B.P.	4.5	-6.3	-12.8	-2.4
Mean B.P.	3.4	-9.1	-13.0	-1.7
Heart Rate	17.1	6.1	3.3	65.4
8 hours				
Systolic B.P.	-9.2	-14.2	-12.5	-3.3
Diastolic B.P.	-9.6	-17.1	-4.2	6.3
Mean B.P.	-10.3	-18.0	-9.0	3.4
Heart Rate	0.9	-19.3	16.1	72.4
9 hours				
Systolic B.P.	-2.9	-19.2	-11.4	-3.8
Diastolic B.P.	6.0	-26.5	-4.2	-0.6
Mean B.P.	3.0	-25.9	-8.0	-2.5
Heart Rate	41.5	-22.1	5.9	33.2
10 hours				
Systolic B.P.	-6.0	-16.9	-2.4	-6.0
Diastolic B.P.	-2.3	-17.8	11.2	5.2
Mean B.P.	-5.3	-19.2	5.0	-1.8
Heart Rate	0.1	-14.4	20.0	40.9

RCC PROJECT 780625
HYDROXYMATAIRESINOL

CARDIOVASCULAR PARAMETERS (% CHANGE)
MALES
20 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
11 hours				
Systolic B.P.	-13.1	-14.0	-10.5	-1.6
Diastolic B.P.	-11.3	-15.7	2.4	15.1
Mean B.P.	-12.2	-16.9	-2.9	7.7
Heart Rate	6.3	-19.7	32.6	76.3
12 hours				
Systolic B.P.	2.1	-16.9	-12.8	-2.0
Diastolic B.P.	-9.1	-13.7	-3.4	11.1
Mean B.P.	-4.7	-17.2	-6.1	4.5
Heart Rate	3.0	-11.5	30.1	63.7

CARDIOVASCULAR PARAMETERS (% CHANGE)
MALES
200 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
30 min				
Systolic B.P.	-12.1	-15.5	-1.3	-14.9
Diastolic B.P.	-11.5	-14.4	-3.0	-12.8
Mean B.P.	-11.9	-14.9	0.4	-16.4
Heart Rate	-20.8	-19.2	-8.9	4.5
1 hour				
Systolic B.P.	2.6	-0.9	-3.4	-7.1
Diastolic B.P.	5.0	-1.6	-10.9	-12.5
Mean B.P.	-2.1	-14.3	-4.8	-11.5
Heart Rate	6.8	-2.3	-9.4	-8.8
2 hours				
Systolic B.P.	-4.6	-9.4	0.4	-7.9
Diastolic B.P.	-8.2	-18.6	-7.3	-12.5
Mean B.P.	-9.4	-14.7	-1.6	-12.9
Heart Rate	-33.0	-33.7	-19.2	-19.7
3 hours				
Systolic B.P.	-7.3	-4.9	-2.1	-10.4
Diastolic B.P.	-10.5	-5.9	-7.7	-7.9
Mean B.P.	-9.1	-3.1	-1.6	-12.0
Heart Rate	-28.9	1.1	-1.5	-5.0
4 hours				
Systolic B.P.	3.2	-11.5	4.4	1.5
Diastolic B.P.	0.1	-16.1	0.0	-0.2
Mean B.P.	1.3	-18.4	6.9	-5.1
Heart Rate	-8.9	-34.6	10.8	-13.3
5 hours				
Systolic B.P.	-3.1	-20.5	0.2	-3.9
Diastolic B.P.	0.0	-18.9	0.2	-3.7
Mean B.P.	-1.6	-21.0	4.7	-10.8
Heart Rate	-8.9	-26.7	2.1	-21.6
6 hours				
Systolic B.P.	-10.8	-15.6	0.1	-8.7
Diastolic B.P.	-8.6	-16.9	-8.6	-14.5
Mean B.P.	-7.8	-16.0	-1.9	-17.1
Heart Rate	19.9	-19.0	-16.0	-31.9
7 hours				
Systolic B.P.	-1.7	-13.4	-4.2	5.1
Diastolic B.P.	-0.5	-12.3	-11.1	8.7
Mean B.P.	-2.3	-14.1	-5.2	2.1
Heart Rate	6.2	-16.7	1.4	-8.6
8 hours				
Systolic B.P.	-9.0	-13.9	11.2	-1.1
Diastolic B.P.	-7.3	-12.2	9.9	-2.2
Mean B.P.	-8.0	-13.6	16.0	-12.8
Heart Rate	-3.7	-10.8	20.3	-32.3
9 hours				
Systolic B.P.	-9.2	-15.2	8.4	5.8
Diastolic B.P.	-5.0	-17.0	1.7	4.0
Mean B.P.	-7.4	-16.7	7.7	1.4
Heart Rate	5.6	-27.9	-9.1	-31.8
10 hours				
Systolic B.P.	-13.6	-2.1	-5.0	10.7
Diastolic B.P.	-4.4	9.1	-3.2	10.7
Mean B.P.	-8.9	6.2	-1.2	2.2
Heart Rate	8.1	7.1	11.5	-9.4

CARDIOVASCULAR PARAMETERS (% CHANGE)
MALES
200 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
11 hours				
Systolic B.P.	-9.1	-14.2	3.0	6.3
Diastolic B.P.	-5.7	-15.3	-2.5	-0.8
Mean B.P.	-7.5	-14.7	3.6	-5.0
Heart Rate	0.8	-20.1	9.8	-35.4
12 hours				
Systolic B.P.	-4.7	-13.1	3.2	-2.9
Diastolic B.P.	-1.8	-9.7	-2.4	3.1
Mean B.P.	-3.9	-9.7	6.1	-8.3
Heart Rate	21.0	6.9	17.4	-0.6

ELECTROCARDIOGRAMS (% CHANGE)
MALES
VEHICLE

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
30 min				
P-Wave Amp. (mV)	-7.1	-33.3	-3.6	-9.1
P-Wave Dur. (ms)	-2.6	-7.3	-7.9	0.0
P-Q Int. (ms)	8.9	3.2	3.5	6.7
QRS Int. (ms)	-2.0	-2.2	2.4	-6.5
Q-T Int. (ms)	-2.7	-7.4	-6.2	5.8
1 hour				
P-Wave Amp. (mV)	7.1	-25.0	3.6	0.0
P-Wave Dur. (ms)	17.9	-7.3	0.0	-2.4
P-Q Int. (ms)	14.4	0.0	7.1	4.4
QRS Int. (ms)	-2.0	11.1	2.4	8.7
Q-T Int. (ms)	4.0	-6.9	-2.4	-5.3
2 hours				
P-Wave Amp. (mV)	-14.3	-8.3	-17.9	-45.5
P-Wave Dur. (ms)	-20.5	-4.9	-7.9	-2.4
P-Q Int. (ms)	6.7	4.3	2.4	7.8
QRS Int. (ms)	-24.0	20.0	2.4	6.5
Q-T Int. (ms)	-4.9	-0.4	-8.1	-5.3
3 hours				
P-Wave Amp. (mV)	0.0	-33.3	-42.9	-27.3
P-Wave Dur. (ms)	0.0	-17.1	0.0	12.2
P-Q Int. (ms)	4.4	-2.2	5.9	2.2
QRS Int. (ms)	0.0	11.1	2.4	17.4
Q-T Int. (ms)	0.0	-0.4	5.2	-2.7
4 hours				
P-Wave Amp. (mV)	-7.1	-33.3	-3.6	-27.3
P-Wave Dur. (ms)	7.7	-2.4	5.3	2.4
P-Q Int. (ms)	5.6	-2.2	7.1	7.8
QRS Int. (ms)	0.0	11.1	4.9	19.6
Q-T Int. (ms)	-4.5	-3.9	8.1	-2.7
12 hours				
P-Wave Amp. (mV)	14.3	-41.7	32.1	-18.2
P-Wave Dur. (ms)	0.0	-14.6	-10.5	7.3
P-Q Int. (ms)	-18.9	-1.1	9.4	8.9
QRS Int. (ms)	0.0	15.6	26.8	15.2
Q-T Int. (ms)	0.4	-5.6	11.4	-1.3

ELECTROCARDIOGRAMS (% CHANGE)
MALES
2 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
30 min				
P-Wave Amp. (mV)	42.9	-27.3	50.0	63.6
P-Wave Dur. (ms)	-2.3	-5.3	11.8	0.0
P-Q Int. (ms)	4.3	0.0	7.3	12.8
QRS Int. (ms)	0.0	-13.0	7.0	1.9
Q-T Int. (ms)	0.4	-6.8	9.6	3.9
1 hour				
P-Wave Amp. (mV)	7.1	100.0	4.5	-9.1
P-Wave Dur. (ms)	0.0	15.8	8.8	2.5
P-Q Int. (ms)	2.1	4.1	9.8	12.8
QRS Int. (ms)	1.9	1.9	7.0	-1.9
Q-T Int. (ms)	-1.3	-2.3	-1.4	-5.7
2 hours				
P-Wave Amp. (mV)	14.3	54.5	27.3	45.5
P-Wave Dur. (ms)	0.0	5.3	-2.9	5.0
P-Q Int. (ms)	3.2	7.2	8.5	16.0
QRS Int. (ms)	-1.9	0.0	7.0	0.0
Q-T Int. (ms)	2.6	-0.9	4.3	2.2
3 hours				
P-Wave Amp. (mV)	35.7	145.5	-27.3	-18.2
P-Wave Dur. (ms)	-4.5	10.5	8.8	10.0
P-Q Int. (ms)	-3.2	6.2	9.8	11.7
QRS Int. (ms)	-3.8	-1.9	0.0	-3.7
Q-T Int. (ms)	0.0	3.6	2.9	2.6
4 hours				
P-Wave Amp. (mV)	35.7	-27.3	-22.7	0.0
P-Wave Dur. (ms)	-2.3	0.0	11.8	0.0
P-Q Int. (ms)	0.0	-3.1	9.8	4.3
QRS Int. (ms)	0.0	-3.7	-2.3	-7.4
Q-T Int. (ms)	3.5	-7.7	5.7	1.7
12 hours				
P-Wave Amp. (mV)	57.1	-18.2	22.7	9.1
P-Wave Dur. (ms)	-11.4	0.0	23.5	-5.0
P-Q Int. (ms)	-16.0	-11.3	1.2	-12.8
QRS Int. (ms)	-5.7	-3.7	16.3	-13.0
Q-T Int. (ms)	-3.1	-6.4	0.5	-10.9

ELECTROCARDIOGRAMS (% CHANGE)
MALES
20 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
30 min				
P-Wave Amp. (mV)	7.1	-50.0	23.8	0.0
P-Wave Dur. (ms)	0.0	-4.8	-12.8	-13.3
P-Q Int. (ms)	-2.0	9.7	3.4	6.1
QRS Int. (ms)	-3.8	0.0	-2.3	-3.7
Q-T Int. (ms)	8.1	-3.0	-0.5	-3.2
1 hour				
P-Wave Amp. (mV)	-7.1	-20.0	4.8	44.4
P-Wave Dur. (ms)	-11.9	-14.3	-15.4	-6.7
P-Q Int. (ms)	-6.0	1.1	-4.6	-6.1
QRS Int. (ms)	-3.8	0.0	7.0	-7.4
Q-T Int. (ms)	-3.2	-8.1	9.1	-5.6
2 hours				
P-Wave Amp. (mV)	21.4	-40.0	-4.8	0.0
P-Wave Dur. (ms)	-2.4	-4.8	7.7	-6.7
P-Q Int. (ms)	-2.0	6.5	4.6	-1.0
QRS Int. (ms)	-3.8	-10.0	4.7	0.0
Q-T Int. (ms)	1.8	0.0	10.1	-0.8
3 hours				
P-Wave Amp. (mV)	-14.3	-50.0	-4.8	11.1
P-Wave Dur. (ms)	-19.0	-16.7	-7.7	-13.3
P-Q Int. (ms)	-5.0	4.3	3.4	7.1
QRS Int. (ms)	3.8	-8.0	2.3	0.0
Q-T Int. (ms)	2.3	-3.0	-1.0	-2.4
4 hours				
P-Wave Amp. (mV)	28.6	20.0	-9.5	0.0
P-Wave Dur. (ms)	4.8	-11.9	-5.1	-15.6
P-Q Int. (ms)	-8.0	1.1	-3.4	4.1
QRS Int. (ms)	-3.8	0.0	2.3	0.0
Q-T Int. (ms)	7.2	-11.1	3.4	-3.2
12 hours				
P-Wave Amp. (mV)	200.0	-20.0	57.1	44.4
P-Wave Dur. (ms)	-9.5	-9.5	-10.3	-6.7
P-Q Int. (ms)	-14.0	2.2	5.7	-12.2
QRS Int. (ms)	-3.8	-2.0	0.0	-5.6
Q-T Int. (ms)	-6.3	-8.5	-1.0	-10.3

ELECTROCARDIOGRAMS (% CHANGE)
MALES
200 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
30 min				
P-Wave Amp. (mV)	14.3	23.3	9.5	37.5
P-Wave Dur. (ms)	5.0	-5.3	-5.1	-4.9
P-Q Int. (ms)	9.6	-3.9	13.9	6.3
QRS Int. (ms)	4.2	-8.0	-10.2	1.9
Q-T Int. (ms)	6.6	-4.0	0.9	3.2
1 hour				
P-Wave Amp. (mV)	14.3	9.6	42.9	50.0
P-Wave Dur. (ms)	0.0	5.3	-10.3	2.4
P-Q Int. (ms)	6.4	-5.9	8.9	4.2
QRS Int. (ms)	4.2	-6.0	-18.4	3.8
Q-T Int. (ms)	10.5	-2.7	-1.4	2.7
2 hours				
P-Wave Amp. (mV)	42.9	50.7	19.0	12.5
P-Wave Dur. (ms)	2.5	-7.9	-12.8	2.4
P-Q Int. (ms)	4.3	-10.8	13.9	5.3
QRS Int. (ms)	-4.2	0.0	-16.3	0.0
Q-T Int. (ms)	4.4	-5.3	-1.9	10.9
3 hours				
P-Wave Amp. (mV)	-14.3	23.3	-9.5	50.0
P-Wave Dur. (ms)	-10.0	-5.3	-5.1	4.9
P-Q Int. (ms)	8.5	-12.7	19.0	11.6
QRS Int. (ms)	2.1	-12.0	-10.2	5.7
Q-T Int. (ms)	0.4	-4.9	0.9	10.0
4 hours				
P-Wave Amp. (mV)	-7.1	23.3	0.0	25.0
P-Wave Dur. (ms)	5.0	-2.6	-10.3	2.4
P-Q Int. (ms)	3.2	-3.9	8.9	4.2
QRS Int. (ms)	6.3	0.0	-12.2	-3.8
Q-T Int. (ms)	-1.8	2.7	1.4	7.7
12 hours				
P-Wave Amp. (mV)	85.7	23.3	23.8	75.0
P-Wave Dur. (ms)	-2.5	-13.2	-2.6	7.3
P-Q Int. (ms)	-19.1	-17.6	8.9	16.8
QRS Int. (ms)	2.1	0.0	-8.2	9.4
Q-T Int. (ms)	-6.6	-4.0	-0.5	12.3

RESPIRATORY PARAMETERS (% CHANGE)
MALES
VEHICLE

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
1 hour				
Respiratory Rate	-29.3	-15.0	0.5	4.5
Tidal Volume	39.9	5.7	10.5	-10.9
Minute Volume	1.5	-4.7	13.2	-7.1
2 hours				
Respiratory Rate	13.4	-14.2	0.0	28.0
Tidal Volume	4.9	1.7	4.9	-19.1
Minute Volume	13.8	-9.6	6.8	3.4
4 hours				
Respiratory Rate	-32.9	-5.9	15.7	35.5
Tidal Volume	31.6	8.5	2.6	-11.7
Minute Volume	-7.9	2.2	20.0	18.3

RESPIRATORY PARAMETERS (% CHANGE)
MALES
2 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
1 hour				
Respiratory Rate	-18.7	-21.4	7.1	-10.6
Tidal Volume	39.3	20.7	-9.9	-3.1
Minute Volume	21.3	-3.7	-4.9	-13.6
2 hours				
Respiratory Rate	1.2	-14.9	-4.5	-14.0
Tidal Volume	9.6	17.3	-1.4	1.0
Minute Volume	12.0	0.3	-4.8	-13.0
4 hours				
Respiratory Rate	-27.2	-5.3	9.0	5.8
Tidal Volume	30.5	10.8	-7.2	-10.0
Minute Volume	0.9	5.1	2.3	-4.6

RCC STUDY NUMBER 780625
HYDROXYMATAIRESINOL

RESPIRATORY PARAMETERS (% CHANGE)
MALES
20 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
1 hour				
Respiratory Rate	16.0	17.1	-10.6	27.0
Tidal Volume	37.0	11.6	-6.1	13.8
Minute Volume	64.3	14.9	-16.0	25.1
2 hours				
Respiratory Rate	-13.4	-7.9	-11.7	-25.2
Tidal Volume	28.6	17.8	10.0	22.2
Minute Volume	11.6	7.7	-3.8	-7.9
4 hours				
Respiratory Rate	-5.9	4.2	-2.1	3.5
Tidal Volume	36.7	2.3	-1.7	16.1
Minute Volume	29.9	5.2	-3.4	17.8

RCC STUDY NUMBER 780625
HYDROXYMATAIRESINOL

RESPIRATORY PARAMETERS (% CHANGE)
MALES
200 MG/KG

ANIMAL	1	2	3	4
TIME RELATIVE TO DOSING				
1 hour				
Respiratory Rate	45.9	4.1	-20.5	-8.7
Tidal Volume	-10.5	14.6	1.4	-2.0
Minute Volume	28.3	16.5	-17.2	-11.3
2 hours				
Respiratory Rate	2.4	18.0	-15.5	16.9
Tidal Volume	20.6	20.8	-5.7	-11.4
Minute Volume	19.9	31.5	-19.3	2.9
4 hours				
Respiratory Rate	-1.0	-6.9	-39.3	16.4
Tidal Volume	4.8	21.1	18.3	-2.7
Minute Volume	1.7	6.9	-27.5	11.3

CLINICAL SIGNS

MALES

	Animal Nr.			
	1	2	3	4
Empty capsule				
Before dosing	No findings	No findings	No findings	No findings
After dosing	No findings	No findings	No findings	No findings
1 h after dosing	No findings	No findings	No findings	No findings
2 h after dosing	No findings	No findings	No findings	No findings
4 h after dosing	No findings	No findings	No findings	No findings
24 h after dosing	No findings	No findings	No findings	No findings
2 mg/kg Hydroxymatairesinol				
Before dosing	No findings	No findings	No findings	No findings
After dosing	No findings	No findings	No findings	No findings
1 h after dosing	No findings	No findings	No findings	No findings
2 h after dosing	No findings	No findings	No findings	No findings
4 h after dosing	No findings	No findings	No findings	No findings
24 h after dosing	No findings	No findings	No findings	No findings

After dosing = shortly after application of the capsule

CLINICAL SIGNS

MALES

	Animal Nr.			
	1	2	3	4
20 mg/kg Hydroxymatairesinol				
Before dosing	No findings	No findings	No findings	No findings
After dosing	No findings	No findings	No findings	No findings
1 h after dosing	No findings	No findings	No findings	No findings
2 h after dosing	No findings	No findings	No findings	No findings
4 h after dosing	No findings	No findings	No findings	No findings
24 h after dosing	No findings	No findings	No findings	No findings
200 mg/kg Hydroxymatairesinol				
Before dosing	No findings	No findings	No findings	No findings
After dosing	No findings	No findings	No findings	No findings
1 h after dosing	No findings	No findings	No findings	No findings
2 h after dosing	No findings	No findings	No findings	No findings
4 h after dosing	No findings	No findings	No findings	No findings
24 h after dosing	No findings	No findings	No findings	No findings

After dosing = shortly after application of the capsule

BODY WEIGHTS

1st dosing

Animal number	Dose	Body weight (kg)
1	0 mg/kg	9.189
2	0 mg/kg	9.923
3	200 mg/kg	9.850
4	200 mg/kg	7.196

2nd dosing

Animal number	Dose	Body weight (kg)
1	20 mg/kg	9.348
2	20 mg/kg	10.171
3	2 mg/kg	9.564
4	2 mg/kg	7.432

3rd dosing

Animal number	Dose	Body weight (kg)
1	2 mg/kg	9.446
2	2 mg/kg	10.212
3	20 mg/kg	9.732
4	20 mg/kg	7.001

4th dosing

Animal number	Dose	Body weight (kg)
1	200 mg/kg	8.884
2	200 mg/kg	10.224
3	0 mg/kg	9.706
4	0 mg/kg	6.983