

Table 6-7 Relative organ weight in male mice

Study No. SBL366-003

Group		CL sollution	LRX 0.005	LRX 0.5	LRX 50	LRX 5000
Dose ($\mu\text{g}/\text{kg}$)						
N		5	3	4	4	4
Spleen	(mg/100gBW)	340.6 \pm 48.2	493.3 \pm 81.0*	451.5 \pm 36.5*	526.3 \pm 45.9**	640.5 \pm 81.0**
Liver	(mg/100gBW)	4309.0 \pm 189.3	4700.0 \pm 203.5	4384.5 \pm 249.4	4432.5 \pm 244.2	4599.8 \pm 242.8

Values are expressed as the mean \pm S.D.

* $P < 0.05$, ** $P < 0.01$: Significantly different from CL sollution.

Table 6-8 Relative organ weight in male mice

Study No. SBL366-003

Group		LRY	LRY	LRY	LRY
Dose ($\mu\text{g}/\text{kg}$)		0.005	0.5	50	5000
N		3	4	4	1
Spleen	(mg/100gBW)	370.7 \pm 16.1	423.3 \pm 58.9	592.3 \pm 90.5**	492.0
Liver	(mg/100gBW)	4249.3 \pm 54.9	4386.0 \pm 270.5	4508.5 \pm 88.6	4437.0

Values are expressed as the mean \pm S.D.

** P<0.01 : Significantly different from CL solution.

Table 6-9 Relative organ weight in male mice

Study No. SBL366-003

Group		LRZ	LRZ	LRZ	LRZ
Dose ($\mu\text{g}/\text{kg}$)		0.005	0.5	50	5000
N		3	4	4	4
Spleen	(mg/100gBW)	482.3 \pm 149.6	510.0 \pm 40.8	482.3 \pm 144.6	635.5 \pm 181.2**
Liver	(mg/100gBW)	4519.0 \pm 362.7	4356.5 \pm 318.3	4476.8 \pm 135.7	4806.8 \pm 269.2*

Values are expressed as the mean \pm S.D.* $P < 0.05$, ** $P < 0.01$: Significantly different from CL solution.

Table 6-10 Relative organ weight in female mice

Study No. SBL366-003

Group		CL sollution	LRX 0.005	LRX 0.5	LRX 50	LRX 5000
Dose ($\mu\text{g}/\text{kg}$)						
N		5	3	4	4	3
Spleen	(mg/100gBW)	443.2 \pm 54.9	755.0 \pm 72.8**	527.8 \pm 189.3	745.5 \pm 124.8**	671.3 \pm 70.9
Liver	(mg/100gBW)	4302.4 \pm 210.4	4595.7 \pm 348.0	4293.8 \pm 229.0	4724.8 \pm 263.8	5155.7 \pm 619.0*

Values are expressed as the mean \pm S.D.

* $P < 0.05$, ** $P < 0.01$: Significantly different from CL sollution.

Table 6-11 Relative organ weight in female mice

Study No. SBL366-003

Group		LRY	LRY	LRY	LRY
Dose ($\mu\text{g}/\text{kg}$)		0.005	0.5	50	5000
N		3	4	4	1
Spleen	(mg/100gBW)	524.3 \pm 141.7	579.5 \pm 81.0	576.5 \pm 67.9	611.0
Liver	(mg/100gBW)	4345.3 \pm 82.1	4440.8 \pm 161.4	4458.3 \pm 209.1	4598.0

Values are expressed as the mean \pm S.D.
Not significantly different from CL solution.

Table 6-12 Relative organ weight in female mice

Study No. SBL366-003

Group	LRZ	LRZ	LRZ	LRZ
Dose ($\mu\text{g}/\text{kg}$)	0.005	0.5	50	5000
N	3	4	4	3
Spleen (mg/100gBW)	466.0 \pm 116.5	664.5 \pm 233.5	588.8 \pm 91.8	699.0 \pm 169.7
Liver (mg/100gBW)	4370.7 \pm 117.5	4428.0 \pm 348.8	4560.8 \pm 342.3	5034.7 \pm 476.5*

Values are expressed as the mean \pm S.D.* $P < 0.05$: Significantly different from CL solution.

Table 7-1 Histopathological findings in male mice [H.E. staining]

Study No. SBL366-003

Findings	Group Dose (µg/kg) Grade	CL solution					LRX 0.005					LRX 0.5					LRX 50					LRX 5000														
		-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE							
Liver (left lateral lobe, median lobe)																																				
Inflammatory cell infiltration, periportal		5	0	0	0	0						4	0	0	0	0						3	1	0	0	0						0	2	2	0	0
Microgranuloma		5	0	0	0	0						4	0	0	0	0						4	0	0	0	0						3	1	0	0	0
Swelling, Kupffer cell, sinusoid		5	0	0	0	0						4	0	0	0	0						4	0	0	0	0						1	3	0	0	0
Lymph node (axillary, left)																																				
Foam cell, sinus		2	0	0	0	0																														
Lymph node (axillary, right)																																				
Foam cell, sinus		2	0	0	0	0																														
Lymph node (inguinal, left)																																				
Foam cell, sinus		2	0	0	0	0																					1	0	0	0	0					
Lymph node (inguinal, right)																																				
Foam cell, sinus		2																														1				
Lymph node (submandibular, left)																																				
Foam cell, sinus		2	0	0	0	0																														
Lymph node (submandibular, right)																																				
Foam cell, sinus		2																																		

Notes) - : No abnormal changes ±: Very slight + : Slight 2+: Moderate 3+: Marked

P : Non-graded change NE: Not examined

Numerals represent the number of animals.

Table 7-2 Histopathological findings in male mice [H.E. staining]

Study No. SBL366-003

Findings	Group Dose (µg/kg) Grade	LRY 0.005					LRY 0.5					LRY 50					LRY 5000							
		-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE		
Liver (left lateral lobe, median lobe)																								
Inflammatory cell infiltration, periportal								4	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0
Microgranuloma								4	0	0	0	0	0	3	1	0	0	0	0	0	0	1	0	0
Swelling, Kupffer cell, sinusoid								4	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0
Lymph node (inguinal, left)																								
Foam cell, sinus																								
Lymph node (inguinal, right)																								
Lymph node (submandibular, left)																								
Foam cell, sinus														0	1	0	0	0	0					
Lymph node (submandibular, right)																								
														1										

Notes) - : No abnormal changes ±: Very slight + : Slight 2+: Moderate 3+: Marked

P : Non-graded change NE: Not examined

Numerals represent the number of animals.

Table 7-3 Histopathological findings in male mice [H.E. staining]

Study No. SBL366-003

Findings	Group Dose (µg/kg) Grade	LRZ 0.005					LRZ 0.5					LRZ 50					LRZ 5000								
		-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE			
Liver (left lateral lobe, median lobe)																									
Inflammatory cell infiltration, periportal								4	0	0	0	0	0	3	1	0	0	0	0	0	2	2	0	0	
Microgranuloma								4	0	0	0	0	0	4	0	0	0	0	0	2	2	0	0	0	
Swelling, Kupffer cell, sinusoid								4	0	0	0	0	0	4	0	0	0	0	0	0	2	2	0	0	
Lymph node (axillary, left)																									
Foam cell, sinus																					0	1	0	0	0
Lymph node (axillary, right)																									
Foam cell, sinus																					0	1	0	0	0
Lymph node (inguinal, left)																									
Foam cell, sinus																					1	1	0	0	0
Lymph node (inguinal, right)																									
																					2				
Lymph node (submandibular, left)																									
Foam cell, sinus																					2	0	0	0	0
Lymph node (submandibular, right)																									
																					2				

Notes) - : No abnormal changes ±: Very slight + : Slight 2+: Moderate 3+: Marked

P : Non-graded change NE: Not examined

Numerals represent the number of animals.

Table 7-4 Histopathological findings in male mice [H.E. staining]

Study No. SBL366-003

Findings	Group Dose (µg/kg) Grade	CL solution					LRX 0.005					LRX 0.5					LRX 50					LRX 5000																								
		-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE										
Spleen																																														
	Foam cell, red pulp	2	0	0	0	0																												1	0	0	0	0		2	1	0	0	0		
	Increase, lymphocyte, white pulp	2	0	0	0	0																													0	1	0	0	0		1	2	0	0	0	

Notes) - : No abnormal changes ±: Very slight + : Slight 2+: Moderate 3+: Marked
 P : Non-graded change NE: Not examined
 Numerals represent the number of animals.

Table 7-5 Histopathological findings in male mice [H.E. staining]

Study No. SBL366-003

Findings	Group Dose (µg/kg) Grade	LRY 0.005					LRY 0.5					LRY 50					LRY 5000														
		-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE		
Spleen																															
	Foam cell, red pulp																														
	Increase, lymphocyte, white pulp																														

Notes) - : No abnormal changes ±: Very slight + : Slight 2+: Moderate 3+: Marked

P : Non-graded change NE: Not examined

Numerals represent the number of animals.

Table 7-6 Histopathological findings in male mice [H.E. staining]

Study No. SBL366-003

Findings	Group Dose (µg/kg) Grade	LRZ 0.005					LRZ 0.5					LRZ 50					LRZ 5000															
		-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE			
Spleen																																
	Foam cell, red pulp	1	0	0	0	0									1	0	0	0	0		1	1	0	0	0							
	Increase, lymphocyte, white pulp	0	1	0	0	0									0	1	0	0	0		0	2	0	0	0							

Notes) - : No abnormal changes ±: Very slight + : Slight 2+: Moderate 3+: Marked
 P : Non-graded change NE: Not examined
 Numerals represent the number of animals.

Table 7-7 Histopathological findings in female mice [H.E. staining]

Study No. SBL366-003

Findings	Group Dose (µg/kg) Grade	CL solution					LRX 0.005					LRX 0.5					LRX 50					LRX 5000						
		-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P
Liver (left lateral lobe, median lobe)																												
Inflammatory cell infiltration, periportal		5	0	0	0	0	0	4	0	0	0	0	0	1	2	1	0	0	0	0	2	1	0	0	0			
Microgranuloma		5	0	0	0	0	0	4	0	0	0	0	0	3	0	1	0	0	0	2	1	0	0	0	0			
Swelling, Kupffer cell, sinusoid		5	0	0	0	0	0	4	0	0	0	0	0	4	0	0	0	0	0	3	0	0	0	0	0			
Lymph node (mesenteric)		2																										
Lymph node (submandibular, left)		2																										
Lymph node (submandibular, right)		2																										
Spleen																												
Extramedullary hematopoiesis							1	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0				
Foam cell, red pulp							1	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0				
Increase, lymphocyte, white pulp							1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0				

Notes) - : No abnormal changes ±: Very slight + : Slight 2+: Moderate 3+: Marked
 P : Non-graded change NE: Not examined
 Numerals represent the number of animals.

Table 7-8 Histopathological findings in female mice [H.E. staining]

Study No. SBL366-003

Findings	Group Dose (µg/kg) Grade	LRY 0.005					LRY 0.5					LRY 50					LRY 5000															
		-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE			
Liver (left lateral lobe, median lobe)																																
Inflammatory cell infiltration, periportal								4	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0							
Microgranuloma								4	0	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0							
Swelling, Kupffer cell, sinusoid								4	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0							

Notes) - : No abnormal changes ±: Very slight + : Slight 2+: Moderate 3+: Marked

P : Non-graded change NE: Not examined

Numerals represent the number of animals.

Table 7-9 Histopathological findings in female mice [H.E. staining]

Study No. SBL366-003

Findings	Group Dose (µg/kg) Grade	LRZ 0.005					LRZ 0.5					LRZ 50					LRZ 5000													
		-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	
Liver (left lateral lobe, median lobe)																														
Inflammatory cell infiltration, periportal								4	0	0	0	0	0			2	2	0	0	0	0			0	3	0	0	0		
Microgranuloma								4	0	0	0	0	0			4	0	0	0	0	0			1	2	0	0	0		
Swelling, Kupffer cell, sinusoid								4	0	0	0	0	0			4	0	0	0	0	0			1	1	1	0	0		
Spleen																														
Extramedullary hematopoiesis								0	1	0	0	0	0											1	0	0	0	0		
Foam cell, red pulp								1	0	0	0	0	0											0	1	0	0	0		
Increase, lymphocyte, white pulp								0	1	0	0	0	0											0	0	1	0	0		

Notes) - : No abnormal changes ±: Very slight + : Slight 2+: Moderate 3+: Marked

P : Non-graded change NE: Not examined

Numerals represent the number of animals.

Table 7-10 Histopathological findings in male mice [H.E. staining] (Interim death)

Study No. SBL366-003

Findings	Group Dose (µg/kg) Grade	LRY					
		5000					
		-	±	+	2+	3+	P NE
Liver (left lateral lobe, median lobe)							
Inflammatory cell infiltration, periportal		0	3	0	0	0	
Lymph node (axillary, left)		1					
Lymph node (axillary, right)		1					
Lymph node (inguinal, left)		1					
Lymph node (inguinal, right)		1					
Lymph node (submandibular, left)							
Foam cell, sinus		1	1	0	0	0	
Lymph node (submandibular, right)		2					
Spleen							
Extramedullary hematopoiesis		0	3	0	0	0	
Foam cell, red pulp		0	3	0	0	0	
Increase, lymphocyte, white pulp		2	1	0	0	0	

Notes) - : No abnormal changes ±: Very slight + : Slight 2+: Moderate 3+: Marked

P : Non-graded change NE: Not examined

Numerals represent the number of animals.

Table 7-11 Histopathological findings in female mice [H.E. staining] (Interim death)

Study No. SBL366-003

Findings	Group Dose (µg/kg) Grade	LRX						LRY						LRZ								
		5000						5000						5000								
		-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE	-	±	+	2+	3+	P	NE
Liver (left lateral lobe, median lobe)																						
Extramedullary hematopoiesis		1	0	0	0	0			3	0	0	0	0			0	1	0	0	0		
Inflammatory cell infiltration, periportal		0	1	0	0	0			0	3	0	0	0			0	1	0	0	0		
Microgranuloma		1	0	0	0	0			2	0	1	0	0			1	0	0	0	0		
Lymph node (mesenteric)		2																				
Lymph node (submandibular, left)																						
Foam cell, sinus		0	1	0	0	0			1	1	0	0	0									
Lymph node (submandibular, right)																						
Foam cell, sinus		0	1	0	0	0			1	1	0	0	0									
Spleen																						
Extramedullary hematopoiesis		1	0	0	0	0			1	2	0	0	0			0	1	0	0	0		
Foam cell, red pulp		0	0	1	0	0			0	2	1	0	0			0	1	0	0	0		
Increase, lymphocyte, white pulp		0	1	0	0	0			3	0	0	0	0			0	1	0	0	0		

Notes) - : No abnormal changes ±: Very slight + : Slight 2+: Moderate 3+: Marked

P : Non-graded change NE: Not examined

Numerals represent the number of animals.

研究成果の刊行に関する一覧表

書籍（該当なし）

著者氏名	論文タイトル名	書籍全体の 編集者名	書 籍 名	出版社名	出版地	出版年	ページ

雑誌（該当なし）

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年

