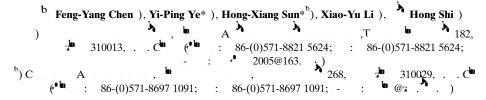
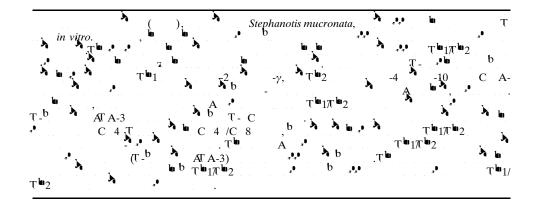
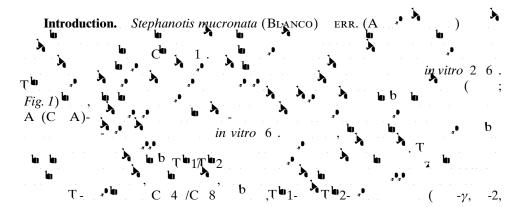
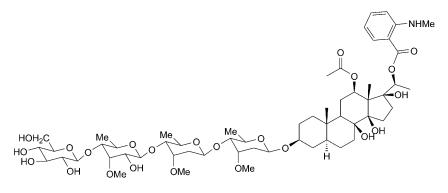
Stemucronatoside L, a Pregnane Glycoside from the Roots of Stephanotis mucronata, Inhibits Th1/Th2 Immune Responses in vitro



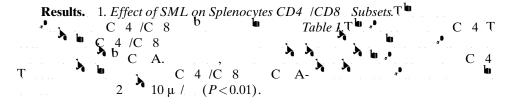






Formula: $C_{58}H_{91}NO_{23}$, M_r : 1192.5914

. 1. Chemical structure of stemucronatoside $L\left(\right)$



T b 1. Effects of Stemucronatoside L () on Splenocytes CD4 /CD8 Subsets. 0 10 μ / C A (3 μ /) 590T % 42912195.0899486.4818T ()T / 31T 7.9 06664. 43257.222483.7605T (/)T / 51T .283.95939.24.9969(590T % 425750254.8325)

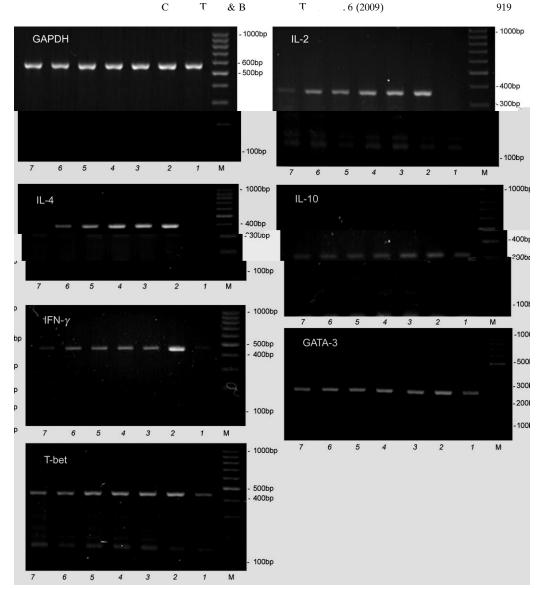
2. Effect of SML on Cytokine Productions from ConA-Stimulated Splenocytes. The contract of th

 $(n \quad 3).$

,•		C					
		-2	-4	-10	-γ		
C .		20 ± 10	2.33 ± 0.33	20±1	936 ± 197		
C A		636 ± 15	9.13 ± 0.11	204 ± 18	3366 ± 265		
C A±	$(0.08 \mu /)$	495 ± 58)	6.35 ± 0.57^{b}	165 ± 5)	1931 ± 216^{b}		
C A±	(0.4 µ /)	488 ± 51^{6}	$5.92 \pm 0.66^{\circ}$	146 ± 15)	1266 ± 127)		
C A±	$(2.0 \mu /)$	452 ± 41^{6}	$4.83 \pm 0.88^{\circ}$	135 ± 8^{b}	1241 ± 91)		
C $A \pm$	$(10 \mu /)$	301 ± 56)	2.60 ± 0.28	$76 \pm 15^{\circ}$)	1011 ± 63)		
	b С	A **) P -	<0.05, b) P < 0.01,) P < 0.001.		

T b 3. The mRNA Expression Level of Cytokines and Transcription Factors in Mice Splenocytes
Treated with Stemucronatoside L () and Con A.

	C	μ /.	<u>ι</u> <i>l</i>					
	0	0.016	0.08	0.4	2	10		
-2	0.49 ± 0.01	0.42 ± 0.02)	0.41 ± 0.02^{b}	0.30 ± 0.03)	0.28 ± 0.04	0.09 ± 0.01		
γ	0.45 ± 0.03	0.21 ± 0.03)	0.19 ± 0.03	0.18 ± 0.03)	0.15 ± 0.03	0.09 ± 0.02		
T- ^b ′	0.39 ± 0.03	0.33 ± 0.01)	0.33 ± 0.01)	0.33 ± 0.01)	0.27 ± 0.02^{6}	0.22 ± 0.02		
-4	0.52 ± 0.04	0.42 ± 0.04)	0.41 ± 0.01)	0.30 ± 0.01)	0.28 ± 0.01	0.05 ± 0.01		
-10	0.39 ± 0.02	0.34 ± 0.02)	0.26 ± 0.01)	0.22 ± 0.01)	0.21 ± 0.01	0.13 ± 0.01		
AT A-3	0.51 ± 0.07	0.38 ± 0.03)	0.37 ± 0.01)	0.37 ± 0.05)	0.37 ± 0.02)	0.27 ± 0.01^{6}		
P < 0.05, $P > 0.01$, $P < 0.001$.								



Experimental Part

24

, Kobe J. Med. Sci. **2002**, 48, 167.