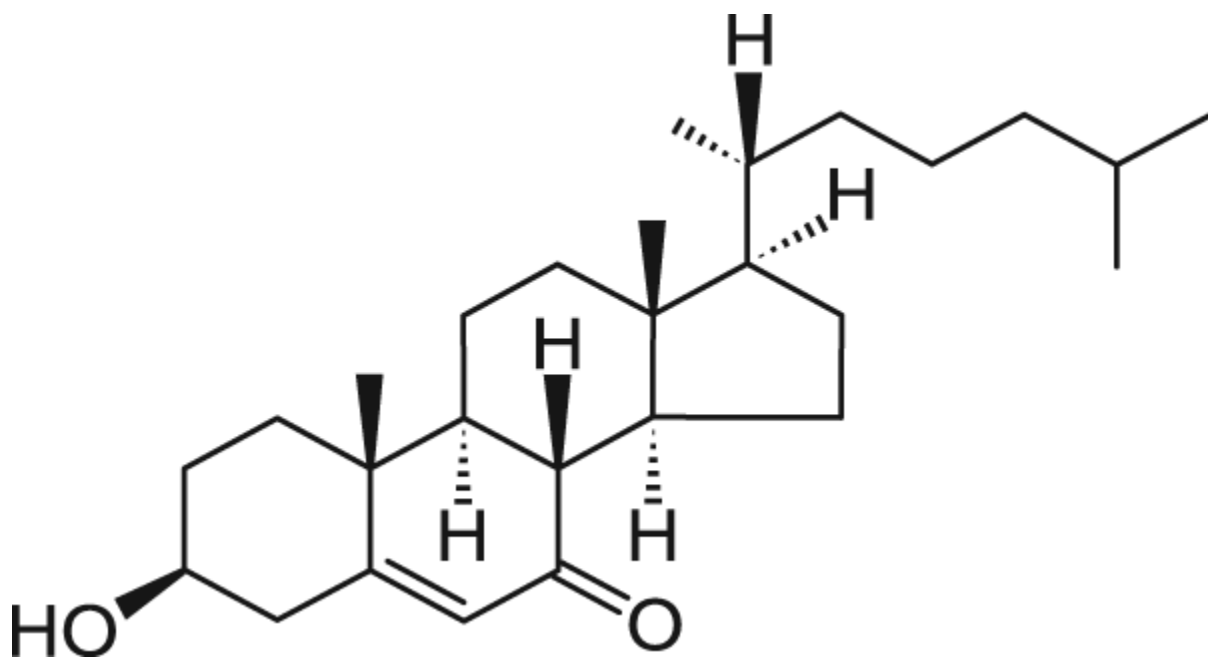


Supplementary Table S1. Effect of mint extracts on cytokine secretion.

Samples	IL-6 (pg/mL)	IL-10 (pg/mL)	MCP-1 (pg/mL)	IFN- γ (pg/mL)	TNF- α (pg/mL)
Ctl	ND	ND	3,525.2 \pm 176.3	ND	754.4 \pm 37.8
Vehicle	ND	ND	4,345.8 \pm 217.3	ND	879.5 \pm 43.9
LPS	423.1 \pm 21.2 *	156.7 \pm 7.8 *	5,347.4 \pm 267.5 *	ND	4,974.3 \pm 248.5 *
7KC20	ND	ND	4,456.0 \pm 222.8	ND	5,136.3 \pm 256.8 #
7KC20+LPS	604.5 \pm 30.3 §	ND	24,667.5 \pm 1233.3 §	ND	15,162.5 \pm 758.0 §
MS200	ND	45.5 \pm 2.3 *	12,148.5 \pm 607.3 *	ND	5,975.0 \pm 298.8 *
MS400	ND	38.1 \pm 1.9 *	10,939.8 \pm 546.8 *	ND	7,828.5 \pm 391.5 *
MP200	ND	ND	13,904.5 \pm 4171.1 *	ND	8,645.0 \pm 432.3 *
MP400	ND	31.6 \pm 1.6 *	6,302.2 \pm 315.0 *	ND	6,596.8 \pm 329.8 *
MR200	ND	ND	5,395.3 \pm 269.8 *	ND	2,519.3 \pm 126.0 *
MR400	ND	ND	2,986.8 \pm 149.3 *	ND	3,447.8 \pm 172.3 *
MS200+LPS	90.0 \pm 4.5 **	12.0 \pm 0.6 **	4,106.3 \pm 20.3 **	ND	4,579.0 \pm 228.7
MS400+LPS	39.8 \pm 2.0 **	78.0 \pm 3.9 **	5,299.5 \pm 264.7	ND	4467.7 \pm 223.2
MP200+LPS	94.5 \pm 4.8 **	46.3 \pm 2.3 **	2,610.0 \pm 130.5 **	ND	3,775.7 \pm 188.7 **
MP400+LPS	39.0 \pm 1.9 **	ND	2,988.7 \pm 149.2 **	ND	2,745.0 \pm 137.2 **
MR200+LPS	106.8 \pm 5.2 **	10.3 \pm 0.5 **	4,469.5 \pm 223.5 **	ND	4,473.2 \pm 223.5
MR400+LPS	50.8 \pm 2.5 **	15.7 \pm 0.8 **	7,824.0 \pm 391	ND	2,955.2 \pm 148.7 **
MS200+7KC20	6.3 \pm 0.3 ##	ND	1,336.0 \pm 668.0	6.3 \pm 0.3##	14,198 \pm 709.7 ##
MS400+7KC20	6.3 \pm 0.3 ##	42.5 \pm 2.1 ##	8,156.0 \pm 407.7	7.5 \pm 0.3##	11,096.0 \pm 554.7 ##
MP200+7KC20	6.8 \pm 0.4 ##	ND	10,567.2 \pm 528.2	ND	17,577.5 \pm 878.7 ##
MP400+7KC20	6.2 \pm 0.3 ##	ND	6,605.8 \pm 330.2	ND	17,985.5 \pm 899.2 ##
MR200+7KC20	ND	ND	9,740.2 \pm 487.0	4.1 \pm 0.2##	10,479.0 \pm 523.7 ##
MR400+7KC20	ND	ND	5,850.5 \pm 292.5	4.5 \pm 0.2##	10,340.2 \pm 517.0.##
MS200+7KC20+LPS	1000.8 \pm 50.0 §§	128.3 \pm 6.5 §§	32,568.0 \pm 1628.25	3.8 \pm 0.1 §§	14,314.7 \pm 715.5
MS400+7KC20+LPS	563.5 \pm 28.0	56.2 \pm 2.8 §§	15,428 \pm 771.2	ND	6,816.5 \pm 340.7
MP200+7KC20+LPS	653.8 \pm 32.8	ND	22,541.0 \pm 1127.0	4.0 \pm 0.2 §§	968.5 \pm 484.2
MP400+7KC20+LPS	287.5 \pm 14.5 §§	ND	8,726.0 \pm 436.2	ND	3,603.7 \pm 180.0 §§
MR200+7KC20+LPS	463.5 \pm 23.2 §§	ND	25,167.2 \pm 1258.2	4.2 \pm 0.2 §§	7,294.2 \pm 364.5
MR400+7KC20+LPS	124.0 \pm 6.3 §§	17.4 \pm 0.9 §§	17,011.5 \pm 850.5	3.5 \pm 0.1 §§	5,551.5 \pm 27.5

Data shown are mean \pm SD from three independent experiments. They were analyzed by the ANOVA's test followed by a t test. A P value of 0.05 or less was considered as statistically significant ($p < 0.05$). No significant differences were observed between control (Ctl; untreated cells) and vehicle (ethanol 0.1%). *: comparison LPS, MS, MP and MR extracts versus Ctl; #: comparison 7KC20 versus vehicle; §: comparison (7KC20 + LPS) versus vehicle; **: comparison (MS, MP or MR extracts + LPS) versus LPS; ##: comparison (MS, MP or MR extracts + 7KC20) versus 7KC20; §§: comparison (MS, MP or MR extracts + 7KC20 + LPS) versus (7KC20 + LPS). Cytokine values lower than the limit of detection (IL-6: 5 pg/mL; IL-10: 17.5 pg/mL; MCP-1: 52.7 pg/mL; IFN- γ : 2.5 pg/mL; TNF α : 7.3 pg/mL) were noted as not detectable. ND: not detectable.



Supplementary Figure S1. 7-ketocholesterol (7KC) structure.