

Table 72 The inhibitory effects of compounds **139-153** on TNF- α_2 formation in medium (*in vitro*)

Animal: RAW 264.7 cells(*in vitro*) Inducer : 1 μ g/ml LPS for 24hours

compound	Conc. (μ M)	% inhibition
139	10	-1.9 \pm 6.3
140	30	-21.1 \pm 5.8
141	10	7.5 \pm 5.1
142	30	35.6 \pm 1.9 *
143	30	30.8 \pm 0.8 *
144	30	10.2 \pm 4.1
145	10	-7.0 \pm 6.8
146	30	-12.6 \pm 13.1
147	30	-60.0 \pm 4.5 *
148	30	-5.6 \pm 5.2
149	30	5.1 \pm 8.6
150	30	8.3 \pm 1.6
151	30	19.5 \pm 3.5
152	30	-15.7 \pm 9.2
153	30	16.5 \pm 1.6
Dexamethasone	0.01	22.0 \pm 4.2
	1	41.0 \pm 4.7 **
	10	49.9 \pm 1.7 **

N=3 , *P<0.05 , **P<0.01

Control value : 68.4 \pm 5.1 ng/ml TNF- α

Dexamethasone : positive control

Ps: **86,88,92,94** 於高濃度有細胞毒性