

**Table 67** The inhibitory effects of compounds **139-153** on TNF- $\alpha$  formation in medium (*in vitro*)

Animal: N9 cells(*in vitro*)      Inducer : 10 ng/ml +10 U/ml IFN- $\gamma$

compound	Conc. ( $\mu$ M)	% inhibition
139	30	1.4 $\pm$ 3.2
140	30	21.0 $\pm$ 2.3 **
141	30	30.5 $\pm$ 4.0 **
142	30	33.3 $\pm$ 2.4 **
143	30	27.3 $\pm$ 2.7 **
144	30	29.9 $\pm$ 1.9 **
145	30	23.4 $\pm$ 1.8 **
146	30	5.3 $\pm$ 1.9
147	30	0.1 $\pm$ 6.0
148	30	10.2 $\pm$ 3.0
149	30	19.1 $\pm$ 2.2 *
150	30	-1.1 $\pm$ 2.4
151	30	20.5 $\pm$ 4.8 *
152	30	-3.0 $\pm$ 8.9
153	30	-10.3 $\pm$ 0.6
Dexamethasone	0.01	20.1 $\pm$ 6.1 *
	0.1	74.3 $\pm$ 3.1 **
	10	82.0 $\pm$ 3.8 **
IC <sub>50</sub> ( $\mu$ M)		0.25 $\pm$ 0.14

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

Control value : 3.5  $\pm$  0.2 ng/ml TNF- $\alpha$

Dexamethasone : Positive control