

Table 62 The inhibitory effects of compounds **139-153** on PGE₂ formation in medium (*in vitro*)

Animal: RAW 264.7 cells(*in vitro*)

Inducer : 1µg/ml LPS for 24hours

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

N=3 , *P<0.05 , **P<0.01 ; control value 47.1±2.0ng/ml PGE₂; Indomethacin : positive control