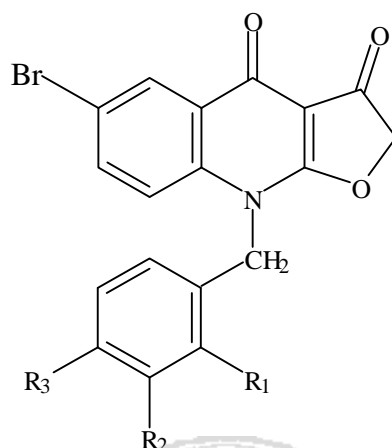


Table 37 The inhibitory effects of compounds **154-162** on neutrophil degranulation
 Animal: Rat (*in vitro*) Inducer: fMLP 10 μ g/ml cytochalasin B



No.	R1	R2	R3	μ M	Percent Release			
					β -Glucuronidase	(%inh.)	Histamine	(%inh.)
control					15.2 \pm 0.7		24.8 \pm 1.6	
154	H	H	H	10	12.2 \pm 0.7	16.4 \pm 1.4	22.5 \pm 0.9	10.9 \pm 3.0
				30	12.6 \pm 0.1	16.8 \pm 3.4	19.6 \pm 1.9 *	19.3 \pm 7.2
155	F	H	H	10	12.0 \pm 0.4 *	20.8 \pm 3.3	21.2 \pm 0.4	9.5 \pm 6.9
				30	10.8 \pm 0.1 *	28.3 \pm 3.5	21.7 \pm 0.8	13.2 \pm 3.6
156	H	F	H	10	11.9 \pm 0.6	21.3 \pm 3.1	19.2 \pm 0.3	18.6 \pm 6.5
				30	11.3 \pm 1.5 *	26.0 \pm 6.9	22.7 \pm 2.2	15.9 \pm 3.4
157	H	H	F	10	10.9 \pm 0.6 *	28.5 \pm 2.4	18.7 \pm 1.9	23.9 \pm 7.4
				30	7.7 \pm 0.2 **	49.3 \pm 3.0	16.0 \pm 3.0 *	34.2 \pm 7.4
158	CH ₃	H	H	10	11.9 \pm 0.6 *	21.4 \pm 1.9	22.1 \pm 0.9	13.1 \pm 3.3
				30	13.5 \pm 0.9	11.1 \pm 3.0	21.3 \pm 1.9	12.3 \pm 3.9
159	H	CH ₃	H	10	12.5 \pm 1.3	18.2 \pm 4.8	21.4 \pm 1.6	16.0 \pm 0.6
				30	11.5 \pm 1.0 *	24.9 \pm 4.1	19.4 \pm 1.8 *	19.6 \pm 5.9
160	H	H	CH ₃	3	13.8 \pm 0.4	5.7 \pm 0.8		
				10	10.2 \pm 0.5 **	32.9 \pm 0.4	20.3 \pm 0.9	14.2 \pm 3.2
				30	6.7 \pm 1.0 **	55.7 \pm 5.3	17.2 \pm 2.1 **	31.8 \pm 6.6
IC ₅₀					23.4 \pm 3.0			
161	H	OCH ₃	H	10	13.2 \pm 1.4	13.4 \pm 5.8	19.7 \pm 1.2	17.1 \pm 1.8
				30	9.2 \pm 0.9 *	39.7 \pm 3.0	17.8 \pm 2.3 *	31.0 \pm 4.4
162	H	Cl	H	10	10.7 \pm 0.2 *	29.5 \pm 4.2	21.0 \pm 1.2	15.6 \pm 0.9
				30	11.6 \pm 1.0	23.3 \pm 6.9	23.3 \pm 2.6	7.4 \pm 5.2
162	H	H	Cl	10	12.3 \pm 1.5	18.8 \pm 9.6	19.2 \pm 1.4	24.6 \pm 3.4
				30	7.9 \pm 0.6 **	47.8 \pm 1.8	19.6 \pm 1.6	20.1 \pm 3.8
TFP				10	16.6 \pm 0.5	-8.8 \pm 2.1	23.8 \pm 0.8	9.8 \pm 6.3
				30	11.6 \pm 1.4	24.1 \pm 1.5	16.0 \pm 0.8	35.2 \pm 3.8
				100	1.5 \pm 0.3 **	90.2 \pm 1.5	2.1 \pm 0.3 **	90.7 \pm 1.1
IC ₅₀	(μ M)				13.1 \pm 0.2		10.7 \pm 0.4	

N=3 ; * P<0.05 , ** P<0.01 ; TFP (Trifluoperazine): positive control