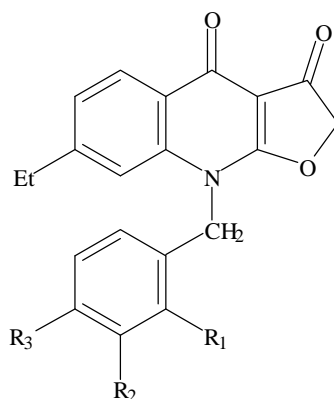


Table 25 The inhibitory effects of compounds **68-79** on platelet aggregation induced by thrombin, AA., collagen and PAF (*in vitro*)



No.	Conc. μg/ml	R1	R2	R3	Thrombin 0.1U/ml	AA 10 μM	Collagen 10 μg/ml	PAF 2 ng/ml
68	<100	H	H	H	79.8±2.6***	53.5±4.0***	40.0±13.2**	80.4±2.2**
69	100 50 20	CH ₃	H	H	70.9±3.9***	39.1±1.4***	20.9±6.8***	0.0±0.0*** 48.2±7.0*** 80.4±2.2**
70	<100 <50 <20	H	CH ₃	H	75.1±2.3***	50.8±4.0***	36.1±8.1***	0.0±0.0*** 65.0±4.3*** 79.4±1.8***
71	100	H	H	CH ₃	64.0±7.1**	45.9±4.6***	30.4±9.5***	60.3±3.7***
72	100	H	OCH ₃	H	74.3±1.7***	56.4±11.0*	34.1±8.0***	32.2±9.0***
73	100 50	H	H	OCH ₃	64.0±4.2***	57.1±3.1***	36.8±10.3***	55.5±2.3***
74	<50 <20 <10 <5	Cl	H	H	58.4±6.7***	1.4±1.2*** 79.0±3.6**	16.2±2.3***	0.0±0.0*** 65.0±3.3*** 72.9±0.6*** 89.8±0.6
75	50	H	Cl	H	74.0±1.7***	69.7±3.2***	62.7±7.7**	47.2±8.0***
76	100 50 20	H	H	Cl	0.0±0.0*** 86.1±0.5***	0.0±0.0*** 0.0±0.0*** 82.2±1.9***	0.0±0.0***	0.0±0.0*** 0.0±0.0*** 76.2±2.8***
77	100 50 20 10	F	H	H	12.3±7.0***	0.0±0.0*** 58.1±2.4*** 83.0±3.1	0.0±0.0***	0.0±0.0*** 44.6±7.2*** 69.6±5.1** 79.4±3.1**
78	50	H	F	H	70.5±7.5*	61.4±7.7**	7.6±4.6***	69.4±1.2***
79	100 50 20	H	H	F	55.3±4.9***	1.1±0.9*** 56.0±7.4*** 80.9±1.4***	6.8±2.1***	0.0±0.0*** 70.9±4.8**
Control					91.5±0.6	89.2±0.8	90.9±0.7	89.4±0.6

Platelet were incubated with tested sample or 0.5 % DMSO at 37°C for 1 min, then thrombin (0.1U/ml), AA (10 μM), collagen (10 μg/ml) or PAF (2 ng/ml) was added to trigger the aggregation. Value are presented as mean ± S.E.. *: P<0.05, **: P<0.01,***: P<0.001, N=3-4.