

Table 1
 IC₅₀ values of flavonoids for the reduction of progesterone to
 20 -hydroxyprogesterone

Flavonoids	IC ₅₀ (μM)	Relative lipophilicity ^{a)}
Flavone		
Apigenin	8.8 ± 0.8	
Luteolin	4.4 ± 0.6	6.1
Flavonol		
Kaempferol	37.6 ± 3.7	8.8
Quercetin	21.0 ± 6.2	4.4
Myricetin	31.0 ± 1.3	2.1
Morin	> 50	2.8
Fisetin	34.4 ± 2.1	
Quercitrin	> 50	
Rutin	> 50	
Flavanone		
Naringenin	> 50	
Flavanonol		
Taxifolin	> 50	0.7
Isoflavone		
Daidzein	> 50	
Genistein	> 50	
Genistin	> 50	
Flavon-3-ol		
(+)-Catechin	> 50	2.9

The IC₅₀ values are the means ± S.D. of three experiments.

^{a)} The values of relative lipophilicity are cited from Ref. 16.