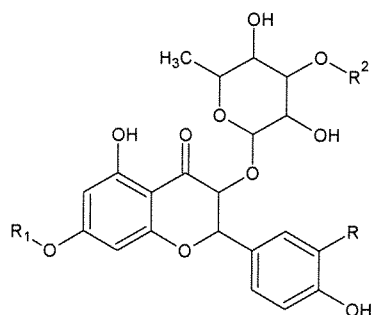
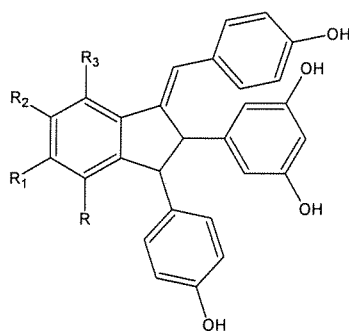


FIG. 1

Tested Flavonoids and Indanes



- 1: R = OH, R₁ = H, R₂ = H
 2: R = H, R₁ = H, R₂ = H
 3: R = OH, R₁ = CH₃, R₂ = H
 4: R = H, R₁ = CH₃, R₂ = H
 5: R = OH, R₁ = H, R₂ = COCH₃



- 6: R = OH, R₁ = H, R₂ = OH, R₃ = H
 7: R = H, R₁ = OH, R₂ = H, R₃ = OH

FIG. 2

Enzyme Inhibition Activity of Flavonoids and Indanes Showing % Inhibition

Assay	1	2	3	4	5	6	7
Lipase (human pancreatic)	51	55	47	52	60	41	35
α -amylase (porcine)	50	88	94	95	88	94	51
α -glucosidase (<i>S. cerevisiae</i>)	-28	-7	54	50	-74	67	89