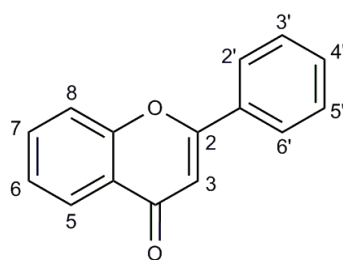


Figure S1. The DIZ of DES extracts (w: Control, x: 50mg/mL DES extract, y: 100mg/mL DES extract, z: 1mg/mL Rutin).



No.	Flavonoids	Substitutions	
		OH	Others
1	Astragalin	5,7,4'	3- <i>O</i> -glucoside
2	Hyperoside	5,7,3',4'	3- <i>O</i> -galactoside
3	Isoquercitrin	5,7,3',4'	3- <i>O</i> -glucoside

Figure S2. The structures of astragalin, hyperoside and isoquercitrin.

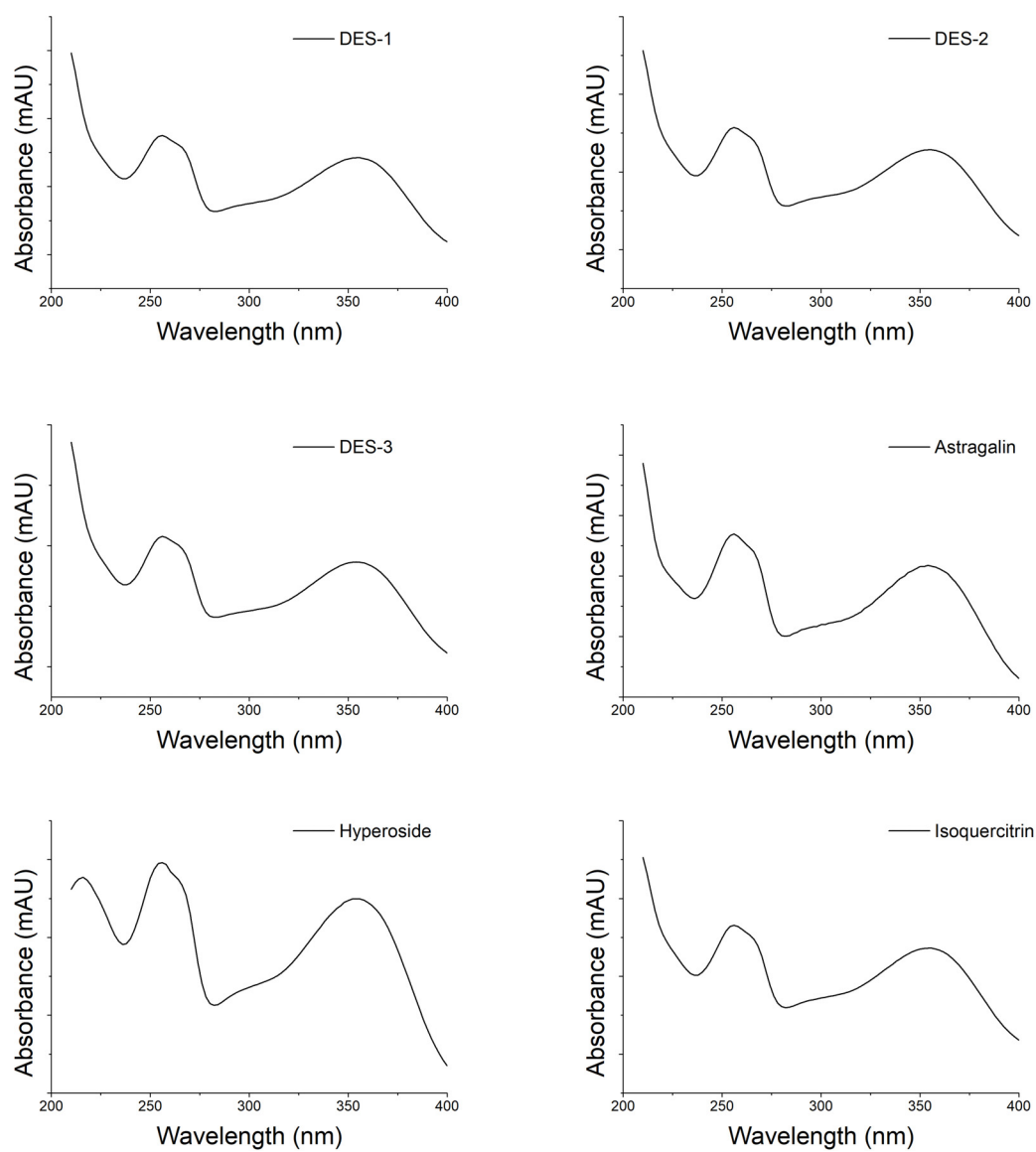


Figure S3. The UV spectra of three peaks in DES extract, astragalin, hyperoside and isoquercitrin.