

Table S1. Determination of the HTS olive pomace polyphenols' transport mechanism.

Transport	P_{app} (cm s⁻¹)		
	HTS	TS	OLE
a-b_mix	8.1E-06 ± 4.8E-07	3.2E-06 ± 2.4E-06	1.1-07 ± 1.1-08
a-b	7.6E-06 ± 6.3E-07	3.2E-06 ± 3.5E-06	0
b-a	1.2E-05 ± 8.6E-07	3.0E-06 ± 8.9E-07	0
Ratio			
Efflux	1.47 ± 0.07	0.93 ± 0.00	N/A
Uptake	0.67 ± 0.03	1.08 ± 0.00	N/A

Papp (apparent permeability coefficient) was determined for HTS (hydroxytyrosol), TS (tyrosol), and OLE (oleuropein) transport from apical (a) to basolateral (b) chamber either in their mix (a-b_mix) or as one-compound (a-b), and when transported from basolateral to apical chamber (b-a). The efflux ratio is defined as the quotient of the secretory permeability and the absorptive permeability (Papp_{b-a}/Papp_{a-b}). Uptake ratio is defined as the inverse of the efflux ratio (Papp_{a-b}/Papp_{b-a}). Data are presented as mean ± standard deviation. All the experiments were done in triplicates.