

# Supplementary Materials: Use of an In Vitro Skin Parallel Artificial Membrane Assay (Skin-PAMPA) As a Screening Tool to Compare Transdermal Permeability of Model Compound 4-Phenylethyl-Resorcinol Dissolved in Different Solvents

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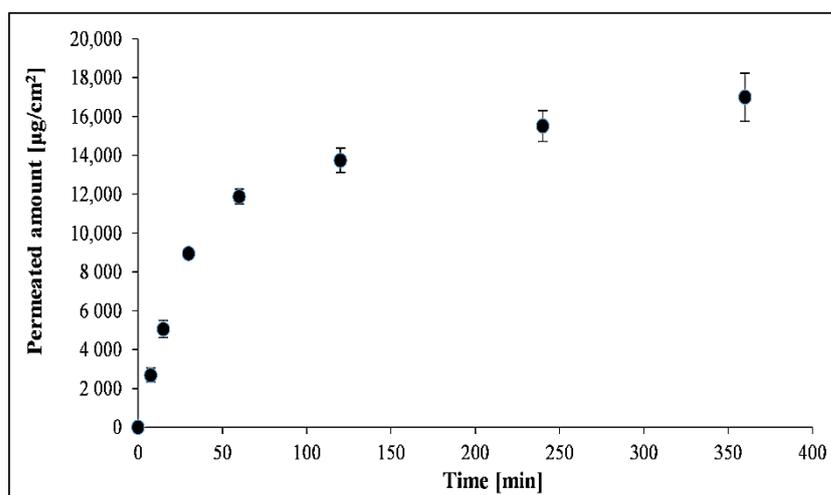


Figure S1. The permeability profile of PER dissolved in ethanol using Skin-PAMPA.

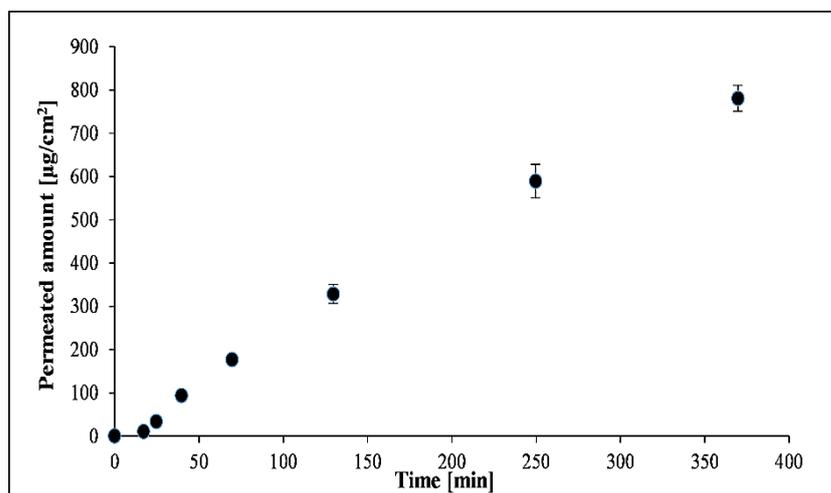


Figure S2. The permeability profile of PER dissolved in glycerol using Skin-PAMPA.

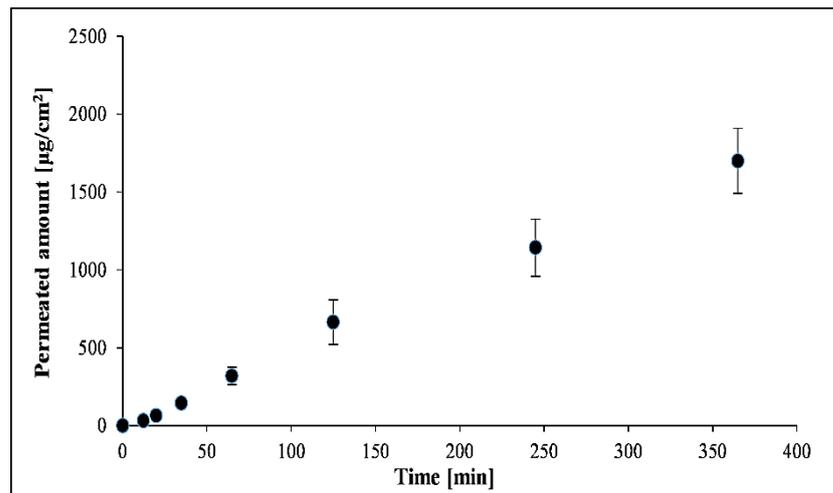


Figure S3. The permeability profile of PER dissolved in dimethylisorbide using Skin-PAMPA.

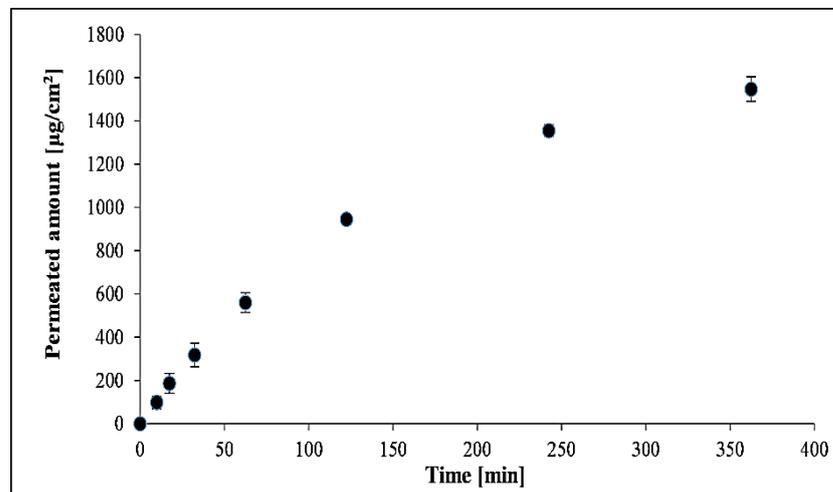


Figure S4. The permeability profile of PER dissolved in water/ethanol – 80:20 (*w/w*) using Skin-PAMPA.

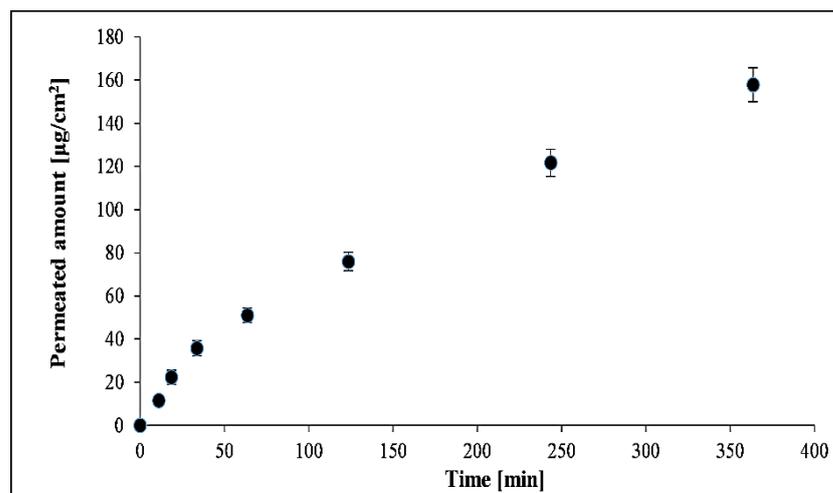


Figure S5. The permeability profile of PER dissolved in water/dimethylisorbide – 90:10 (*w/w*) using Skin-PAMPA.

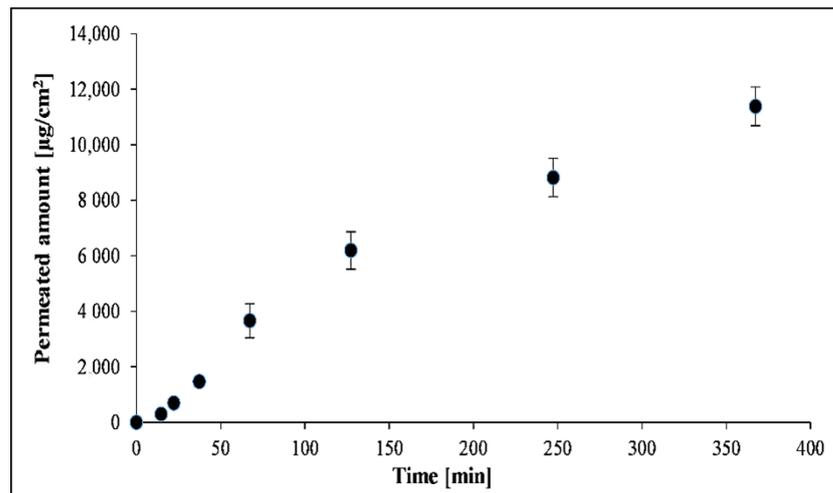


Figure S6. The permeability profile of PER dissolved in propylene glycol using Skin-PAMPA.

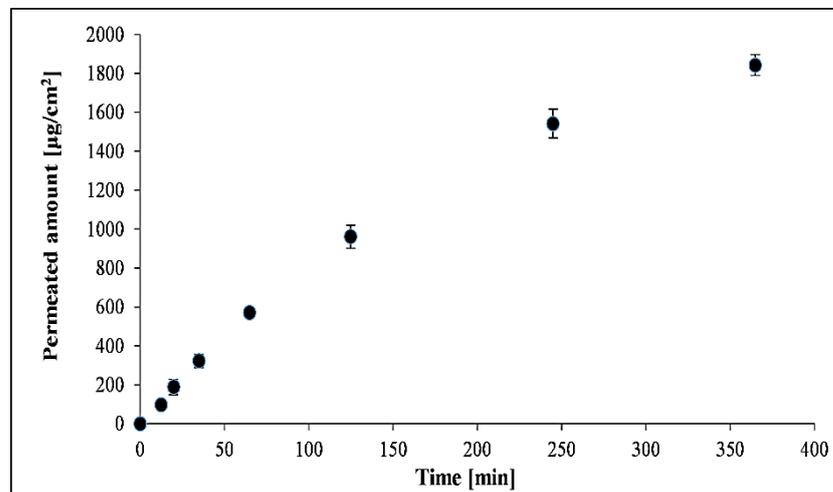


Figure S7. The permeability profile of PER dissolved in water:propylene glycol – 80:20 (*w/w*) using Skin-PAMPA.

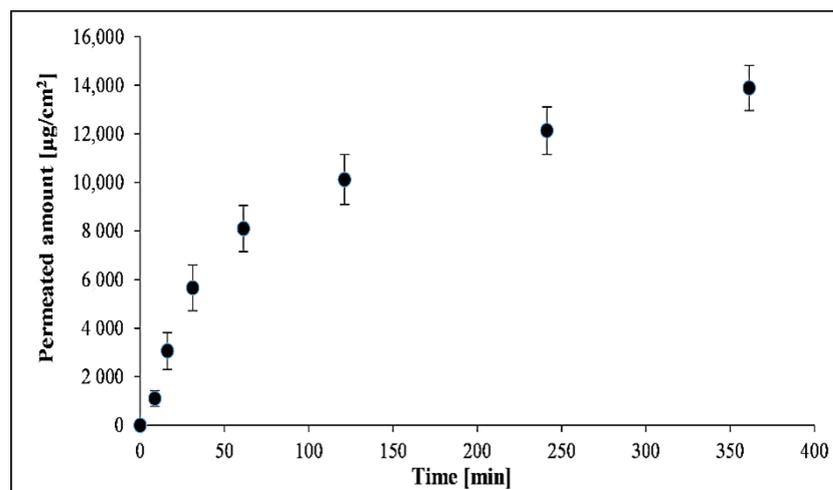


Figure S8. The permeability profile of PER dissolved in water/propylenglycol/ethanol – 10:30:60 (*w/w/w*) using Skin-PAMPA.

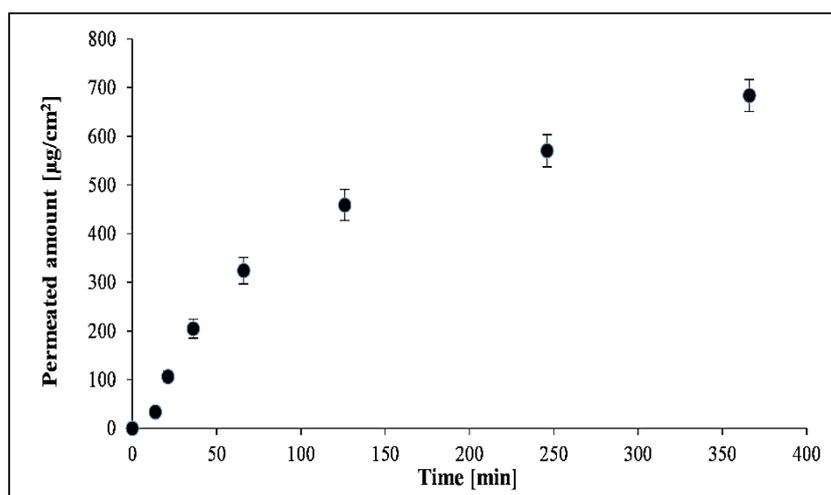


Figure S9. The permeability profile of PER dissolved in capric/caprylic triglycerides using Skin-PAMPA.

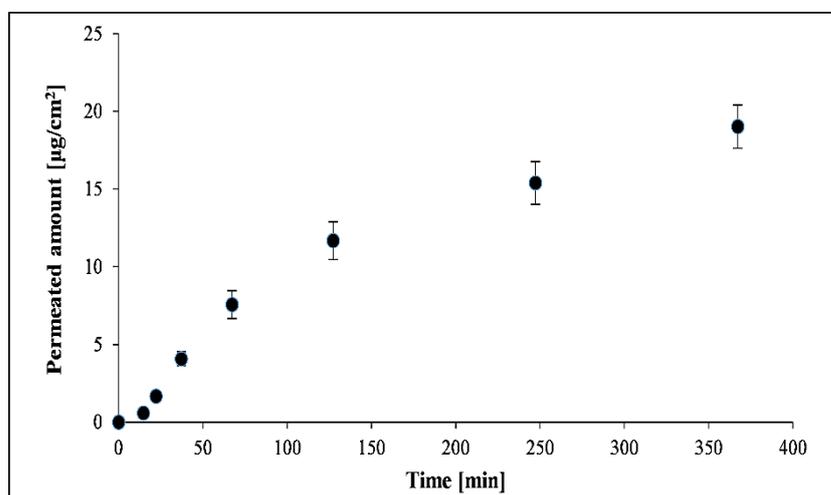


Figure S10. The permeability profile of PER dissolved in octyl dodecanol using Skin-PAMPA.

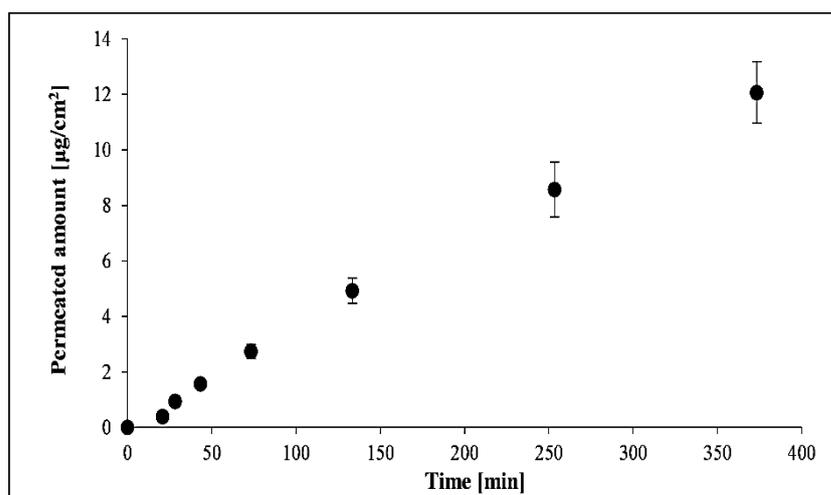


Figure S11. The permeability profile of PER dissolved in apricot kernel oil using Skin-PAMPA.

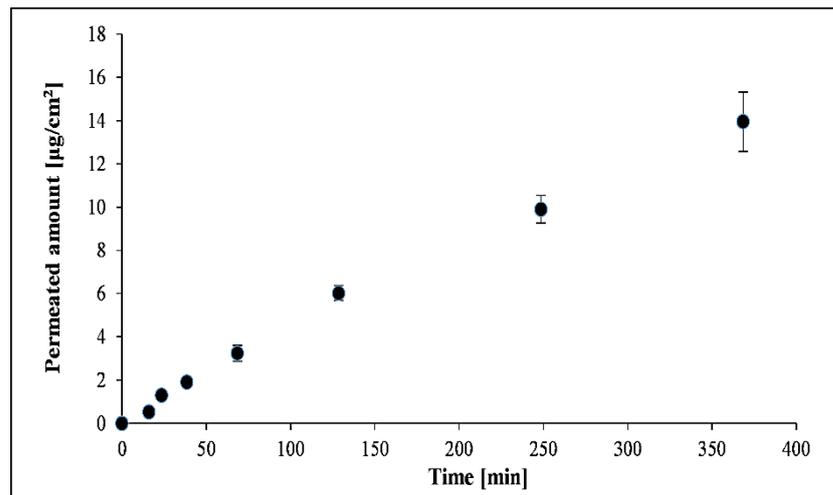


Figure S12. The permeability profile of PER dissolved in corn oil using Skin-PAMPA.