

Parallel Artificial Membrane Permeability Assay (PAMPA)

- Compound concentration** : 250mM in PBS, pH 7.4, 5% DMSO (N=7)
- Lipid layer** : 5ml 1% Lecithin in Dodecane
- Donor well** : 150ml Compound solution
- Acceptor Well** : 300ml PBS; 5% DMSO
- Incubation** : 16 hrs at room temperature
- Detection** : Initial donor conc, compound conc in Acceptor and Donor using Spectramax M5 (OD range: 0.03-1.50) at compound lmax
- Membrane integrity test** : Lucifer Yellow permeability (Fluorimetry)
- Other Options available** : Use of different buffer/pH/Compound Concentration/ Incubation time / quantitation by HPLC or LC-MS/MS

Result of some compounds

