Electrochemical screening of selected β-blocking agents at the polarized liquid–liquid interface

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Table of contents:

Page 2. Fig. S1 - Concentration fraction diagrams
Page 3. Fig. S2 - Cyclic voltammograms recorded at different pH – betaxolol
Page 4. Fig. S3 - Cyclic voltammograms recorded at different pH - carteolol
Page 5. Fig. S4 - Cyclic voltammograms recorded at different pH - labetalol
Page 6. Fig. S5 - Cyclic voltammograms recorded at different pH - pindolol
Page 7. Fig. S6 - Cyclic voltammograms recorded at different pH - nebivolol
Page 8. Fig. S7 - Scan rate dependency.
**Figure S1** Concentration fraction diagrams for selected β-blockers, A – CAR; B – LAB; C – PND; D – NVB. For the pKa values for each β-blockers see Table 1 from the main text of the manuscript.
Figure S2 Cyclic voltammograms (CVs) recorded at different pH of the aqueous phase for betaxolol. Conditions: BRB solutions in pH range 2-11; the scan rate was 20 mV·s⁻¹, [BTX] = 100 µM and [TPrA⁺] = 50 µM.
Figure S3 Cyclic voltammograms (CVs) recorded at different pH of the aqueous phase for carteolol. Conditions: BRB solutions in pH range 2-11; the scan rate was 20 mV·s⁻¹, [CAR] = 100 µM and [TPRA⁺] = 50 µM.
Figure S4 Cyclic voltammograms (CVs) recorded at different pH of the aqueous phase for labetalol. Conditions: BRB solutions in pH range 2-11; the scan rate was 20 mV·s⁻¹, [LAB] = 100 μM and [TPrA⁺] = 50 μM.
Figure S5 Cyclic voltammograms (CVs) recorded at different pH of the aqueous phase for pindolol. Conditions: BRB solutions in pH range 2-11; the scan rate was 20 mV·s⁻¹, [PND] = 100 µM and [TPrA⁺] = 50 µM.
Figure S5 Cyclic voltammograms (CVs) recorded at different pH of the aqueous phase for nebivolol. Conditions: BRB solutions in pH range 2-11; the scan rate was 20 mV·s⁻¹, [NVB] = 100 μM and [TPrA⁺] = 50 μM.
**Electronic Supporting Information**

**Figure S7** Cyclic voltammograms recorded at different scan rates (5; 10; 15; 20; 25; 30 and 35 mVs⁻¹) for selected β-blockers (A – betaxolol, C – carteolol, E – labetalol, G – pindolol, I – nebivolol). The dependency between positive and negative current is plotted in function of the square root of the scan rate with linear fit equations placed next to the corresponding voltammograms. The aqueous phase was 10 mM NaCl and [β-blockers] = 200 µM.