

Supplementary material for

Micro-confinement of Bacteria into Reverse Emulsion Droplets for Rapid Detection and Enumeration

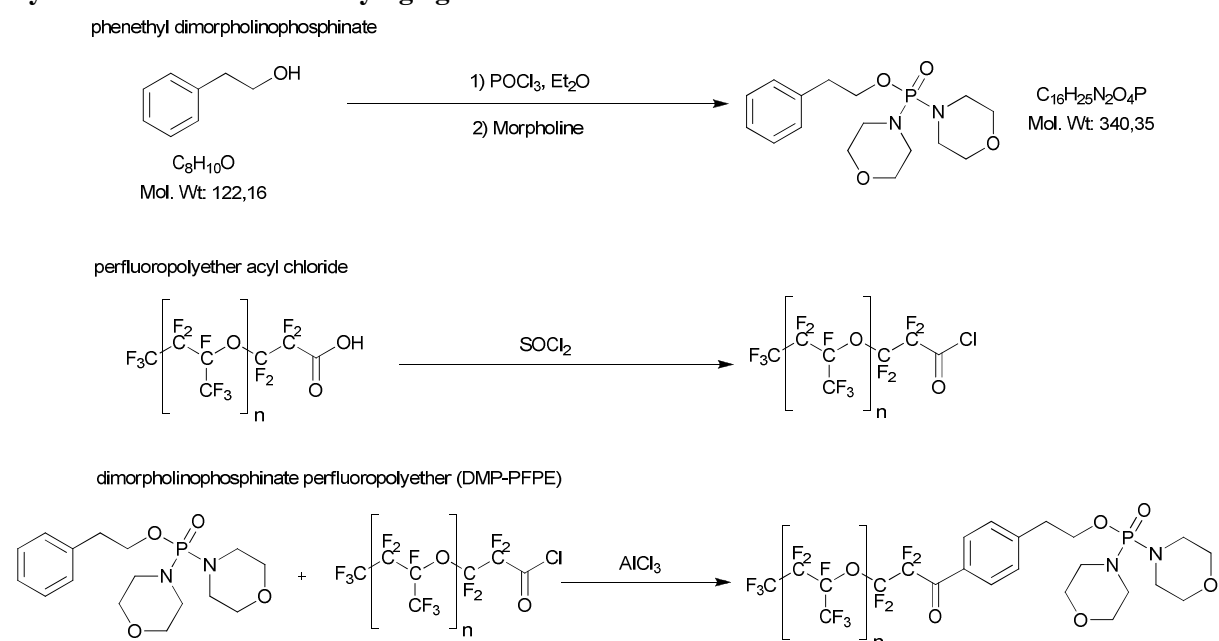
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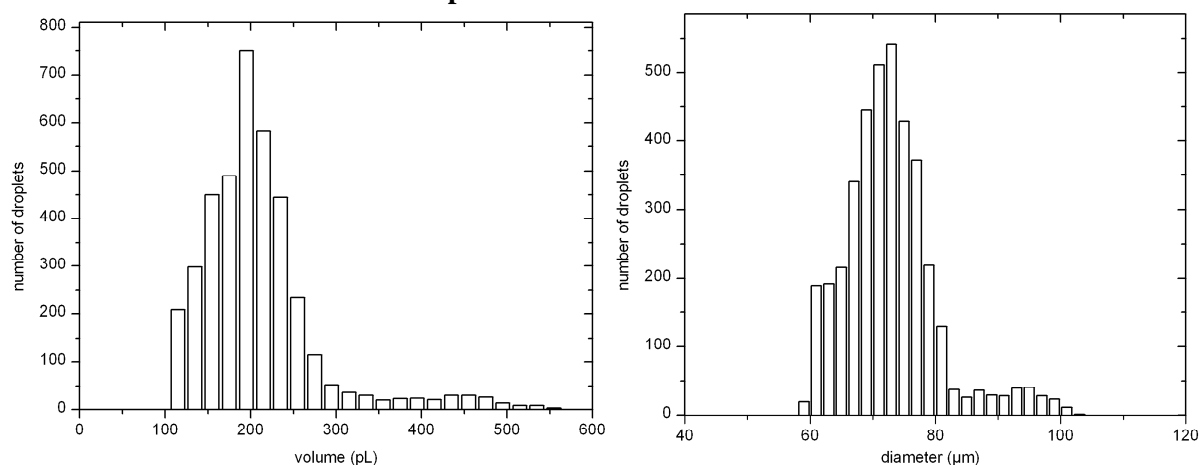
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Synthesis scheme of emulsifying agent



Characteristics of the observed droplets



3902 droplets were followed on 56 microscope fields: diameter distribution (in μm) and volume distribution (in pL): $D_{\text{average}} = 73 \mu\text{m}$ with $\sigma = 7 \mu\text{m}$; $V_{\text{average}} = 210 \text{ pL}$ with $\sigma = 70 \text{ pL}$, for a total explored volume of $0,811 \mu\text{L}$.