Table S1: Dependence of the amount of adsorbed surfactant within the porous particles on bulk surfactant concentration. Amount of surfactant adsorbed per mg (second column) when 5µm porous particles with 6nm in pore size are added to the surfactant solution of different concentrations. Concentration of the surfactant left in the solution $C_{residual}$ is in the last column. The adsorption is given in various units.

C_{azo}/mM	C_{azo} (µmol/mg)	Molecule/nm^2*	(Molecule/Particle)**	$C_{residual}$/mM
0.5	0.06	0.04	$0.5 \cdot 10^{10}$	0.29
1	0.21	0.14	$1.5 \cdot 10^{10}$	0.3
2	0.35	0.25	$2.5 \cdot 10^{10}$	0.8

* Adsorbed density of the surfactant in units of molecules per nm^2

** Number of surfactant molecules absorbed by one particle