

Supporting Information

Mimicking the receptor-aided binding of HIV-1 Tat protein transduction domains to phospholipid monolayers at the air/water interface

Daehyun Hong, Kwanwoo Shin, Michael James and Giyoong Tae

Structures and Characteristics of Chemicals Used in this Study

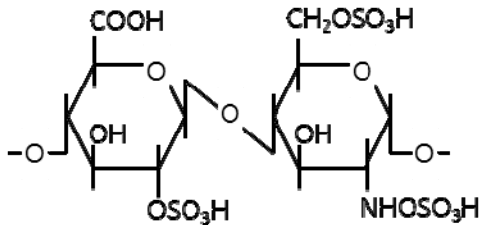
Peptide Properties of TAT-TDP	Chemical Structure of Heparin
<p style="text-align: center;">YGRKKRRQRRR</p> <p>Blue: basic residues Green: hydrophobic uncharged residues Black: neutral residues</p> <ul style="list-style-type: none">• Net charge : +8• Isoelectric Point : 12.8	

Table S1. Calculated Compressibilities Based on Π -A Isotherm Data (Fig. 1 of Manuscript)

Sample	at 13 mN/m [m/mN]	at 20 mN/m [m/mN]
DPPS	0.0172	0.0125
DPPS + heparin	0.0244	0.0114
DPPC	0.0244	0.0190
DPPC + heparin	0.0454	0.0252
Mixed	0.0172	0.0125
Mixed+heparin	0.0244	0.0114