Supplementary Material (ESI) for Polymer Chemistry

Supplemental Materials

Non-viral siRNA Delivery Vectors: Dendritic Molecular Transporter and Molecular Transporter Nanovectors for Target Gene Silencing

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Detector Gain Values:

Figure 1. Confocal imaging of untreated and siRNA-LF2000 treated HeLa cells:

Image a and a' : Control image:
Detector Gain: Detector Gain: Green channel - 700, DIC channel – 623
Image b and b': siRNA-LF2000 image:
Detector Gain: Green channel - 700, DIC channel 308

Figure 1. Confocal imaging of siRNA-MT (3) treated HeLa cells:

Image A and A' : 250 nM siRNA-MT :
Detector Gain: Green channel - 700, DIC channel - 633
Image B and B' : 500 nM siRNA-MT :
Detector Gain: Green channel - 700, DIC channel 633
Image C and C' : 750 nM siRNA-MT image:
Detector Gain: Green channel - 700, DIC channel - 638
Image D and D' : 1000 nM MT control image:
Detector Gain: Green channel - 700, DIC channel -549

Figure 2. Confocal imaging of siRNA-MT-NP (5) treated HeLa cells:

Image a and a' : 250 nM siRNA-NP image:
Detector Gain: Green channel - 700, DIC channel - 643
Image b and b' : 500 nM siRNA-NP image:
Detector Gain: Green channel - 700, DIC channel 633
Image c and c' : 750 nM siRNA-NP image:
Detector Gain: Green channel - 700, DIC channel - 633
Image d and d' : 1000 nM NP control image:
Detector Gain: Green channel - 700, DIC channel 539