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Title	Ligand-based targeted delivery of a peptide modified nanocarrier to endothelial cells in adipose tissue
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Supplementary Figure legends

Supplementary Fig 1. Mass spectral (MALDI-TOF) data for the synthesized scrambled lipopeptides

The scrambled lipopeptides (sPep1: GKGGRAKDGGC-NH₂, Theoretical MW: 1004.15, sPep2: GARKGDGKGGC-NH₂, Theoretical MW: 1004.1 and GDRKAGKAGGC-NH₂, Theoretical MW: 1018.2) were synthesized at 30°C for 24 h continuous reaction between original peptide and Maleimide-PEG₂₀₀₀-DSPE (Theoretical MW: 3104.29) in the molar ratio, 1:1. The mass of conjugated lipopeptide and original peptide was analyzed by Mass spectrometer (MALDI-TOF).

Supplementary Fig 2. Evaluation of uptake of sPep1- and sPep2-PEG-LPs with respect to tPep-PEG-LPs to pcEC-IWAT cells

pcEC-IWAT cells were incubated with NBD-DOPE labeled sPep1- or sPep2-PEG-LPs and tPep-PEG-LPs for 3 h at 37°C. Cells were observed by means of Confocal Laser Scanning Microscopy (CLSM). Scale bars indicated 5 μm.