Low-nanosize foldamer oligomers for single molecule transport of hydrophobic drugs

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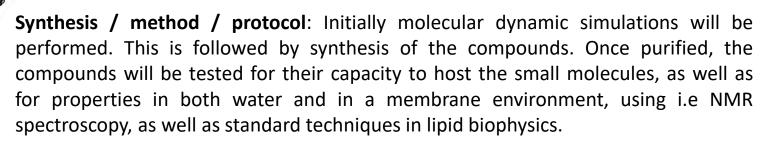
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Scientific Goal: On the basis of this experimental background in our present project we aim to perform a step-by-step modification of the initial foldamer sequence in order to form a small, yet dynamic inner core, which can be suitable for hosting a wider range of hydrophobic drug molecules.

Result: According to results of the MD simulations the most promising β -peptide sequence was synthetized with continuous flow peptide synthesis. Preliminary reference NMR measurements were performed on peptide oligomers with a similar size range.

