Supplementary Table 1. Interactions of non-natural foldamers with biological targets.

Target to be bound or inhibited	Natural counterpart	Foldamer type	Potency	References
Oligonucleotides (TAR RNA)	Tat	β-peptide	K_d = 16 μM	[7]
Heparin	Protamine	oligoarylamide	K_B = 1.8 μM	[26]
Membrane/lipid (selective bacterial cell lysis)	Antimicrobial peptides (magainin)	β-peptide	MIC = 2 – 8 μg/mL	[22, 25, 74,104]
		oligoarylamide	MIC = 1-7 μg/mL	[114,120]
hDM2	p53	β-peptide	IC_{50} = 11 μM	[11, 107, 109]
Viral entry	Fuzeon	β-peptide	IC_{50} = 4 – 30 μM	[14, 10]
Bcl-x_L	Bak	β-peptide	K_i = 2.2 nM	[9]
		oligoarylamide	K_i = 0.8 μM	[124]
Calmodulin	smMLCK	oligoarylamide	K_i = 7.1 nM	[125]