

Polycondensed peptide carriers modified with cyclic RGD ligand for targeted suicide gene delivery to uterine fibroid cells

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Table S1. Molecular weight of the R6p carrier measured using MALDI-TOF mass-spectrometry. n.d. - not detected.

Molecular weight, Da		Polymerization rate
theoretical	experimental	
2871.44	2867.3	(R6) ₂
4307.16	4298.82	(R6) ₃
5742.88	5732.63	(R6) ₄
7178.6	7160.65	(R6) ₅
8614.32	8871.83	(R6) ₆
10050.04	9485.35	(R6) ₇
11485.76	11330.87	(R6) ₈
12921.48	n.d.	(R6) ₉
14357.2	14809.73	(R6) ₁₀
15792.92	15986.75	(R6) ₁₁
17228.64	17329.89	(R6) ₁₂
18664.36	19056.81	(R6) ₁₃
20100.08	20447.93	(R6) ₁₄
21535.8	n.d.	(R6) ₁₅
22971.52	22301.45	(R6) ₁₆
24407.24	24514.12	(R6) ₁₇
25842.96	25673.97	(R6) ₁₈
27278.68	27427.64	(R6) ₁₉

Table S2. Molecular weight of the R6p-cRGD carrier measured using MALDI-TOF mass-spectrometry.

Molecular weight, Da		Polymerization rate
theoretical	experimental	
2184.51	2181.07	(R6)-cRGD
2933.3	2866.63	cRGD-(R6)-cRGD
2871.44	2871.28	(R6) ₂
3620.23	3460.36	(R6) ₂ -cRGD
7927.39	7387.04	(R6) ₅ -cRGD
8614.32	8480.05	(R6) ₆
8676.18	8676.99	cRGD-(R6) ₅ -cRGD
9363.11	9719.7	(R6) ₆ -cRGD
10111.9	9883.27	cRGD-(R6) ₆ -cRGD
10798.83	10572.81	(R6) ₇ -cRGD
12234.55	12394.15	(R6) ₈ -cRGD
12983.34	13354.83	cRGD-(R6) ₈ -cRGD
14419.06	14398.1	cRGD-(R6) ₉ -cRGD
15854.78	16001.11	cRGD-(R6) ₁₀ -cRGD
16541.71	16323.56	(R6) ₁₁ -cRGD
17290.5	17383.41	cRGD-(R6) ₁₁ -cRGD
17977.43	17383.41	(R6) ₁₂ -cRGD
19413.15	19499.59	(R6) ₁₃ -cRGD
20161.94	20563.55	cRGD-(R6) ₁₃ -cRGD
21535.8	21402.16	(R6) ₁₅
21597.66	21954.36	cRGD-(R6) ₁₄ -cRGD
22284.59	22167.61	(R6) ₁₅ -cRGD
23720.31	23628.45	(R6) ₁₆ -cRGD
25156.03	25471.4	(R6) ₁₇ -cRGD
25904.82	25864.05	cRGD-(R6) ₁₇ -cRGD
26591.75	26602.05	(R6) ₁₈ -cRGD
27340.54	27487.68	cRGD-(R6) ₁₈ -cRGD