

Materials List for:

The Synthesis of RGD-functionalized Hydrogels as a Tool for Therapeutic Applications

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Materials

Name	Company	Catalog Number	Comments
Poly(acrylic acid) solution average $M_w \sim 100,000$, 35 wt% in H_2O	Sigma Aldrich	523925	CAS 9003-01-4
Poly(ethylene glycol) 2,000	Sigma Aldrich	84797	CAS 25322-68-3
Carbomeer 974P	Fagron	1387083	
Agarose	Invitrogen Corp.	16500-500	UltraPure Agarose
RGD peptide	abcam	ab142698	
4-azidobutanoic acid	Aurum Pharmatech	Z-2421	CAS 54447-68-6
Oxalyl chloride	Sigma Aldrich	O8801	CAS 79-37-8
Propargylamine hydrochloride 95%	Sigma Aldrich	P50919	CAS 15430-52-1
Copper(I) iodide	Sigma Aldrich	3140	CAS 7681-65-4
Sodium ascorbate	Sigma Aldrich	Y0000039	CAS 134-03-2
Phosphate buffered saline	Sigma Aldrich	P4417	
Dialysis Membrane	Spectrum Laboratories, Inc.	132725	Spectra/Por 3 Dialysis Membrane Standard RC Tubing MWCO: 3.5 kD