

Polymer	Reagents			
	Chondroitin sulfate sodium salt (mg)	NHS (mg)	EDC (mg)	AMEA (mg)
Chondroitin sulfate methacrylate (CS-MA)	1000	53.2	177.1	76.5
Polymer	Reagents			
	Heparan sodium salt (mg)	NHS (mg)	EDC (mg)	AMEA (mg)
Heparan sulfate methacrylate (HS-MA)	1000	43.9	146.3	63.2
Polymer	Reagents			
	Sodium hyaluronate (mg)	Triethylamine (mg)	Glycidyl methacrylate (mg)	
Hyaluronic acid methacrylate (HA-MA)	1000	2700	3800	

Table S1: Amount of reagents needed for the synthesis of methacrylated ECM molecules. NHS: N-hydroxysuccinimide. EDC: 1-ethyl-3-(3-dimethylaminopropyl)-carbodiimide. AEMA: 2-aminoethyl methacrylate