

Materials List for:

Preparation of Highly Porous Coordination Polymer Coatings on Macroporous Polymer Monoliths for Enhanced Enrichment of Phosphopeptides

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Materials

Name	Company	Catalog Number	Comments
Polyimide-coated capillaries	Polymicro Technologies	TSP100375	100 µm i.d.
3-(trimethoxysilyl)propyl methacrylate, 98%	Sigma-Aldrich	440159	
Styrene, 99%	Sigma-Aldrich	W323306	Technical grade
Divinylbenzene, 80%	Sigma-Aldrich	414565	
Methacrylic acid, 98%	Mallinckrodt	MK150659	
Toluene, ≥99.5%	EMD chemicals	MTX0735-6	
Isooctane, ≥99.5%	Sigma-Aldrich	650439	
2,2'-azobisisobutyronitrile, 98%	Sigma-Aldrich	441090	
Aluminium oxide (basic alumina)	Sigma-Aldrich	199443	
Iron (III) chloride hexahydrate, 97%	Sigma-Aldrich	236489	
1,3,5-benzenetricarboxylic acid, 95%	Sigma-Aldrich	482749	
Acetonitrile, ≥99.5%	Sigma-Aldrich	360457	
Ammonium bicarbonate, ≥99.5%	Sigma-Aldrich	9830	
Trifluoroacetic acid, ≥99%	Sigma-Aldrich	302031	
Ethanol, ≥99.8%	Sigma-Aldrich	2854	
Iodoacetamide, ≥99%	Sigma-Aldrich	I1149	
Dithiothreitol, ≥99%	Sigma-Aldrich	43819	
Monobasic sodium phosphate dihydrate, ≥99%	Sigma-Aldrich	71505	
Dibasic sodium phosphate dihydrate, ≥99%	Sigma-Aldrich	71643	
Phosphoric acid, ≥85%	Sigma-Aldrich	438081	
2,5-dihydroxybenzoic acid, ≥99%	Sigma-Aldrich	85707	
Trypsin	Sigma-Aldrich	T8003	Bovine pancreas
β-casein	Sigma-Aldrich	C6905	Bovine milk
ZipTip pipette tips	Merck Millipore	ZTC18S096	C18 resin