

Materials List for:

Preparation of Hollow Polystyrene Particles and Microcapsules by Radical Polymerization of Janus Droplets Consisting of Hydrocarbon and Fluorocarbon Oils

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Materials

Name	Company	Catalog Number	Comments
Material			
Sodium dodecylsulfate, 95.0%	Wako Pure Chemical Industries, Ltd.	192-08672	
Styrene, 99.0%	Tokyo Chemical Industry Co. Ltd.	S0095	
Perfluorooctane, 99%	Fluorochem Ltd.	8706	
Coumarin 102, 97.0%	Tokyo Chemical Industry Co. Ltd.	C2267	
Calcein	Dojindo Molecular Technologies, Inc.	C001	
Potassium peroxodisulfate, 98.0%	Kanto Chemical Co., Inc.	32375-30	
Pyrene, 97.0%	Wako Pure Chemical Industries, Ltd.	167-05302	
Ethanol, 99.5%	Kanto Chemical Co., Inc.	14033-00	
Toluene, 99.5%	Kanto Chemical Co., Inc.	40180-00	
Name	Company	Catalog Number	Comments
Equipment			
Scanning Electron Microscope	Hitachi High-Technologies Corporation	S-4800	
Scanning Transmission Electron Microscope	Hitachi High-Technologies Corporation	S-4800	
Ultrasonic cleaner	Branson Ultrasonics, Emerson Japan, Ltd.	Model 3510	
Centrifuge	AS ONE Corporation	CN-1050	